

CHANGE ORDER

Change Order No.: 1
 Date: May 20, 2020

Project Name: Rock Island Rail Corridor Shared Use Path
 County No.: 3221 (PW 09-2018)
 Federal No.: STP-3453 (402)
 Resolution No.: Ordinance No.: 5231
 Account No.: 010-3602-58060
 PO No(s): N/A



1. DESCRIPTION AND REASON FOR CHANGE: (See Attachment A)

2. ESTIMATE OF COST OF WORK AFFECTED BY THIS CHANGE ORDER:

A	B	C	D	E	F	G	H	I
NO.	DESCRIPTION	ORIGINAL QUANTITY	UNITS	UNIT PRICE	VALUE (C x E)	QUANTITY DEDUCT OR ADDITION	TOTAL DEDUCTION (-G x E)	TOTAL ADDITION (+G x E)
4	Clearing and Grubbing	29	Acre	\$ 6,900.00	\$ 200,100.00	(1.98)	\$ (13,662.00)	\$ -
12	Removal of Rails and Ties	25,581	LF	\$ 16.20	\$ 414,088.20	(2,368)	\$ (38,361.60)	\$ -
13	Removal of Bridge Rail and Ties	370	LF	\$ 16.20	\$ 5,994.00	(152)	\$ (2,462.40)	\$ -
26	Concrete Curb Ramp	248.5	SY	\$ 107.00	\$ 26,589.50	93.4	\$ -	\$ 9,993.80
33	60 in. Pipe Group C	78	LF	\$ 172.00	\$ 13,416.00	(78)	\$ (13,416.00)	\$ -
38	60 in. Flared End Section Group C	1	Each	\$ 4,210.00	\$ 4,210.00	(1)	\$ (4,210.00)	\$ -
43	Mulch Filter Berm	35,018	LF	\$ 1.20	\$ 42,021.60	9,232	\$ -	\$ 11,078.40
44	Silt Fence	4,860	LF	\$ 1.50	\$ 7,290.00	203	\$ -	\$ 304.50
46	Inlet Protection	16	Each	\$ 179.00	\$ 2,864.00	4	\$ -	\$ 716.00
51	Pedestrian Fence (Ground Mount)(48 in.)	6,198	LF	\$ 39.00	\$ 241,722.00	(91)	\$ (3,549.00)	\$ -
117	Lost Rail Salvage Cost	0	LF	\$ 11.67	\$ -	2,520	\$ -	\$ 29,408.40
118	Pedestrian Bridge Loading Modifications	0	LS	\$ 98,900.00	\$ -	1	\$ -	\$ 98,900.00
119	Type 3 Moveable Barricades w/ Flashers	0	Each	\$ 1,313.00	\$ -	31	\$ -	\$ 40,703.00
120	60 in. RCP, Class IV	0	LF	\$ 235.00	\$ -	80	\$ -	\$ 18,800.00
121	60 in. RC End Section	0	Each	\$ 4,210.00	\$ -	1	\$ -	\$ 4,210.00
122	8" Concrete Parking Lot Pavement	0	SY	\$ 49.50	\$ -	164	\$ -	\$ 8,118.00
123	59th Street Signal Modifications	0	LS	\$ 9,798.00	\$ -	1	\$ -	\$ 9,798.00
124	Black Reinforcing Steel Deduction	0	LS	\$ 3,573.00	\$ -	(1)	\$ (3,573.00)	\$ -
125	QNAP Treated Douglas Fir Cross Frame Timbers	0	Each	\$ 60.00	\$ -	9	\$ -	\$ 540.00
126	6" Perforated Drain for Soldier Pile Wall 283-4	0	LF	\$ 14.00	\$ -	400	\$ -	\$ 5,600.00
127	6" Perforated Drains for Shared Use Path	0	LF	\$ 19.00	\$ -	500	\$ -	\$ 9,500.00
128	Pile Points	0	Each	\$ 200.00	\$ -	8	\$ -	\$ 1,600.00

FILED

FEB 04 2021

MARY JO SPINO
COUNTY CLERK

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A3	Clearing and Grubbing	15.00	Acre	\$ 6,900.00	\$ 103,500.00	(1.81)	\$ (12,489.00)	\$ -	\$ -	
A10	Removal of Rails and Ties	8,601	LF	\$ 16.20	\$ 139,336.20	(4,544)	\$ (73,612.80)	\$ -	\$ -	
A11	Removal of Bridge Rail and Ties	146	LF	\$ 16.20	\$ 2,365.20	(40)	\$ (648.00)	\$ -	\$ -	
A24	Temporary Seeding and Mulch	7.0	Acre	\$ 370.00	\$ 2,590.00	3.0	\$ -	\$ 1,110.00	\$ -	
A25	Mulch Filter Berm	2,350	LF	\$ 1.20	\$ 2,820.00	3,382	\$ -	\$ 4,058.40	\$ -	
A26	Silt Fence	375	LF	\$ 1.50	\$ 562.50	243	\$ -	\$ 364.50	\$ -	
A28	Stabilized Construction Entrance	3	Each	\$ 1,280.00	\$ 3,840.00	1	\$ -	\$ 1,280.00	\$ -	
A39	Structural Steel Pile (HP14x102)	499	LF	\$ 108.00	\$ 53,892.00	4	\$ -	\$ 432.00	\$ -	
A42	Concrete Pile (36 in.)	320	LF	\$ 269.00	\$ 86,080.00	5	\$ -	\$ 1,345.00	\$ -	
A49	Type 3 Moveable Barricades w/ Flashers	10	Each	\$ 1,313.00	\$ 13,130.00	4	\$ -	\$ 5,252.00	\$ -	
A67	Lost Rail Salvage Cost	0	LF	\$ 11.67	\$ -	4,584	\$ -	\$ 53,495.28	\$ -	
A68	Stadium Bridge Abutment Modifications	0	LS	\$ 39,928.00	\$ -	1	\$ -	\$ 39,928.00	\$ -	
A69	Inlet Protection	0	Each	\$ 179.00	\$ -	2	\$ -	\$ 358.00	\$ -	
A70	Retaining Wall 284-3 Modifications	0	LS	\$ 11,605.85	\$ -	1	\$ -	\$ 11,605.85	\$ -	
A71	6" Perforated Drain for Soldier Pile Wall 284-3	0	LF	\$ 14.00	\$ -	120	\$ -	\$ 1,680.00	\$ -	
A72	6" Perforated Drains for Shared Use Path	0	Each	\$ 19.00	\$ -	500	\$ -	\$ 9,500.00	\$ -	
A73	Pile Points	0	Each	\$ 200.00	\$ -	16	\$ -	\$ 3,200.00	\$ -	
								SUBTOTALS =	\$ (165,983.80)	\$ 382,879.13
								TOTAL CHANGE ORDER =	\$216,895.33	

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 PO No(s): N/A

3. SETTLEMENT FOR COST OF THE ABOVE CHANGES TO BE MADE AT CONTRACT UNIT PRICES, EXCEPT AS NOTED.

Original Contract Price and Contract Days:				Price	Days
				\$ 11,067,439.71	450
Change Order Summary:	Date Prepared	Cost	Days		
1	May 20, 2020	\$ 216,895.33	0		
Net Change Order(s) =				\$ 216,895.33	0
Current Contract Price and Contract Days =				\$ 11,284,335.04	450

ACKNOWLEDGEMENTS:

AGREED to by Contractor:
 Digitally signed by Ed Andres
 DN: C=US, E=andres@radbroex.com,
 O=Radmacher Brothers Excavating, CN=Ed
 Andres
 Date: 2020.05.26 13:30:07-05'00'
Ed Andres
 Radmacher Brothers Excavating, Inc.

RECOMMENDED for Approval Jackson County Inspector
 Digitally signed by Troy Collins Sr.
 Date: 2020.05.26 13:20:52 -05'00'
Troy Collins Sr.
 Troy Collins

RECOMMENDED for Approval MoDOT Senior Construction Inspector:
 Digitally signed by Brian Lavender
 DN: C=US, E=brianlavender@mo.gov,
 O=Missouri Department of Transportation, CN=Brian Lavender
 Date: 2020.05.26 13:30:07-05'00'
Brian Lavender
 Brian Lavender

RECOMMEND for Approval Jackson County Construction Manager
 Digitally signed by Eric L. Johnson
 DN: C=US, E=eljohnson@jacksongov.org, O=Engineering
 Division, OU=Jackson County Public Works, CN=Eric L.
 Johnson
 Reason: I have reviewed this document.
 Date: 2020.05.26 13:13:50-05'00'
Eric L. Johnson
 Ric Johnson, PE

APPROVED: Missouri Department of Transportation
 Digitally signed by John P. Donahue
 DN: C=US, E=jdonahue@mo.gov, O=Missouri Department of Transportation, CN=John P. Donahue
 Date: 2020.05.29 09:13:30 -05'00'
John P. Donahue

APPROVED: Jackson County Director of Parks + Rec
Michele Newman
 Michele Newman

Change Order

Page 3 of 6

Jackson County

Frank White
 Frank White, County Executive

APPROVED AS TO FORM
David Hedenfuss
 County Counselor

ATTEST
Mary Spino
 Clerk of the County Legislature

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 herein authorized.

ACCOUNT NUMBER: 010 3602 58060
ACCOUNT TITLE: Grant Fund
Rock Island Corridor Grant
Other Improvements
NOT TO EXCEED: \$216,896.00

2-3-2021
Date



Director of Finance and Purchasing

CHANGE ORDER

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County No.: 3221 (PW 09-2018)
Federal No.: STP-3453 (402)
Resolution No.: Ordinance No.: 5231
Account No.: 010-3602-58060
PO No(s): N/A



ATTACHMENT A:

Item 1: Upon reviewing the project plan sheets, it was determined that there are several sections of the existing track that do not interfere with the construction of the proposed shared use path. These sections could be left in-place resulting in a cost-savings for the County and reducing environmental impacts to the project corridor. It should be noted that the Contractor has offset some of the construction costs through the sale of the salvaged railroad ties. The sections of existing track are as follows:

Sta. 248+22 to Sta. 258+00 (Alt. A)

Sta. 279+00 to Sta. 281+00 (Alt. A)

Sta. 283+75 to Sta. 332+50 (Alt. A)

(Sta. Equation: $285+32 = 300+00$ (Alt. A) = 1,468 LF)

Sta. 343+50 to Sta. 348+52

Sta. 369+00 to Sta. 369+35

Sta. 430+50 to Sta. 444+47 (Section added into the project to allow contractor access from Railroad Street to 63rd Street for construction of walls)

Sta. 465+50 to Sta. 522+50

(Sta. Equation: $466+26 = 500+00 = 3,374$ LF)

Sta. 530+00 to Sta. 542+00

Item 2: Additional Mulch Filter Berms will be required based on the grading plans. This was confirmed by the Engineer-of-Record.

Item 3: The prefabricated pedestrian bridges required to be strengthened to support an H-10 loading. The plans only called for an H-5 loading.

Item 4: Additional Type III barricades are required to block access to the trail from nearby roadways, trails, and access areas during construction. Locations are as follows:

Alternate Section

Sta. 425+00 Stadium Road: 2

Sta. 332+00 53rd Street (North): 2

Base Bid Section

Sta. 332+50 53rd Street (South): 2

Sta. 348+00 56th Street (North): 2

Sta. 348+50 56th Street (South): 2

Sta. 371+00 59th Street (North): 2

Sta. 371+00 59th Street (Sidewalk): 3

Sta. 425+00 63rd Street (North): 2

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ATTACHMENT A (cont.):

- Sta. 433+50 63rd Street (South): 2
- Sta. 442+00 Raytown Trafficway (South): 2
- Sta. 445+00 Tressel: 2
- Sta. 451+00 Railroad Trailhead: 2
- Sta. 546+50 Woodson Road (North): 2 Sta. 547+00 Woodson Road (South): 2
- Sta. 565+50 Irwin Road (North): 2
- Sta. 566+00 Irwin Road (South): 2
- Sta. 784+50 Brickyard Road (North): 2

Item 5: The Raytown Chamber of Commerce requested modifications to their parking lot as part of the proposed trail improvements. This change also impacted the proposed storm sewer pipe under the pavement. Due to the lack of cover, the pipe needed to be changed to reinforced concrete to provide additional support. The Raytown Chamber of Commerce has reimbursed the County for \$13,303.00.

Item 6: Due to accessibility issues created by restricting work activities over the existing rail bed, an additional stabilized construction entrance is required at Sta. 279+00 to Sta. 306+00 (47th Street).

Item 7: Inlet protection devices are needed for the existing curb inlets located below the stabilized construction entrances on Blue Ridge Cutoff and 47th Street.

Item 8: Existing subsurface conditions required modifications to the Stadium Drive Pedestrian Bridge. The use of spread footings were eliminated and changed to pilings.

Item 9: Existing site conditions required modifications to the traffic signal plans at the corner of 59th Street.

Item 10: Additional erosion control devices were required on the project site as requested by the City of Raytown. The inlet protection devices were installed at 56th Street, Raytown Trafficway (north of 59th Street), and the new grate inlet at the Chamber of Commerce. Additional inlet protection was added in the Alternate Bid section at Stadium Drive, 47th Street, and 53rd Street. Silt fence was installed at various locations from 35th Street to Railroad Street where exposed earth could possibly drain into the street.

Item 11: The Contractor inadvertently ordered black reinforcing steel for a portion of the project. The use of black steel was reviewed and approved by the Engineer-of-Record. The Contractor offered a deduct in price.

Item 12: The cross frame timber member replacement portion of the work on the tressel bridge in Bid Item 82 were specified to be creosote treated Douglas Fir timbers. The creosote treatment is no longer available at the time of construction. Therefore, the Contractor was forced to purchase an equivalent treated timber member. The QNAP treatment is currently used by the major railroads. There is a cost difference of \$60 additional cost per unit.

Item 13: The Stop Work Order on November 7, 2019 required that the Contractor cover all graded areas with temporary seeding and mulch (hydroseeding) to prevent erosion during the shut down. Additional grading was completed in the Alternative Bid section that required an increase in the erosion control quantity.

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PD No(s): N/A



ATTACHMENT A (cont.):

- Item 14:** Differing subsurface conditions were encountered at Wall 284-3. A rock ledge was encountered at a higher elevation than indicated. In addition, a permanent casing pipe was required to secure the shaft walls until the concrete was placed.
- Item 15:** The soldier pile wall details for Walls 284-3 (Alternate) and 283-4 (Base) do not show the installation of a perforated drain pipe to collect any ground water trapped behind the wall. The Contractor was instructed to install a 6" perforated drain pipe along the backs of both walls to drain the wall system.
- Item 16:** There are locations in the field that will require perforated drain pipes to collect underground springs runoff and/or hillside runoff and drain under the shared use path.
- Item 17:** The engineer of record recommended the use of pile points for the remaining bridges.
- Item 18:** Additional Concrete Curb Ramp was required based on the standard details provided with the plans. The details show that the section called "Ramps" require a thickness of 6-inches. The numbers are based actual field measurements.
- Item 19:** Quantity adjustment based on actual field measurements for Soldier Pile Wall 284-3.

Signature: Michelle Newman
Michelle Newman (May 20, 2020 16:57 CDT)
Email: mnewman@jacksongov.org

RBE

- Heavy Highway
- Water & Sewer Treatment Plants
- Industrial/Power

Radmacher Brothers Excavating Company, Inc.

2201 N. 7 Highway, Suite B * Pleasant Hill, MO 64080 * 816 540-3614 * 816 540-4444 fax

June 30, 2020

Matt Davis
Rock Island Project Manager
Jackson County Parks & Recreation
303 West Walnut Street
Independence, MO 64050

Re: Rock Island Rail Corridor
Shared Use Path
Federal No. STP-3453(402)
County Project No. 3221(PW 09-2018)

Matt:

Items 12, 13, A10, A11 Removal of Rail and Ties – These items were reduced by a total of 7,004 linear feet at a price of \$16.20/LF. The decrease in quantity was measured in the field since we were able to leave the track in place.

Item 117 and A67 Rail Salvage – This item was added and corresponds to the rail left in place at a price of \$11.67/LF.

If you have any questions please call.

Sincerely

Ed Andres

Digitally signed by Ed Andres
DN: cn=US,
c=us, email=edandres@radm.com,
o=Radmacher Brothers
Excavating, cn=Ed Andres
Date: 2020.06.30
12:37:36-0500

Ed Andres

An Equal Opportunity Employer

Change Order 1
Item 1: Rail and Tie Removal and Rail Salvage Tabulations
 Rock Island Rail Corridor Shared Use Path
 MoDOT Project No. STP-3453 (402)
 County Project No. 3221 (PW 09-2018)

Station to Station	Rail Removal (LF)	Bridge Rail Removal (LF)	Clear and Grub (Acres)	Notes
248+22 258+00	940	0	0.00	
279+00 281+00	160	40	0.00	
283+75 332+50	3444	0	1.81	
Alternate A =	4544	40	1.81	

Station to Station	Rail Removal (LF)	Bridge Rail Removal (LF)	Clear and Grub (Acres)	Notes
343+50 348+52	502	0	0.12	
369+00 369+35	35	13	0.03	
430+50 444+47	-1397	0	0.00	Removal needed to construct walls under 63rd Street
465+50 522+50	2326	0	1.60	
530+00 533+06	167	139	0.21	
534+45 542+00	735	0	0.51	
Base =	2368	152	2.47	

Note: Lengths measured on the plans. Station-to-Station only used to identify sections along trail.

Eric L. Johnson

From: Ed Andres <eandres@radbroex.com>
Sent: Monday, September 16, 2019 1:25 PM
To: Eric L. Johnson
Cc: Dan Hansen; Robert Radmacher
Subject: EXTERNAL Salvage Value of Existing Rail

WARNING: This email originated outside of Jackson County.
DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe.

The salvage value that has not been accounted for in the running balance spreadsheet is

\$11.67/LF

Thanks

Ed Andres
Vice President
Radmacher Brothers Excavating
2201 North 7 Highway Suite B
Pleasant Hill, Missouri 64080
O-(816)540-3614 F-(816)540-4444 M-(816)215-8353



- Heavy Highway
- Water & Sewer Treatment Plants
- Industrial/Power

Radmacher Brothers Excavating Company, Inc.

2201 N. 7 Highway, Suite B * Pleasant Hill, MO 64080 * 816 540-3614 * 816 540-4444 fax

May 7, 2020

Matt Davis
Rock Island Project Manager
Jackson County Parks & Recreation
303 West Walnut Street
Independence, MO 64050

Re: Rock Island Rail Corridor
Shared Use Path
Federal No. STP-3453(402)
County Project No. 3221(PW 09-2018)

Matt:

As requested, we are submitting a price for change for H-5 to H-10 loading of the bridges.

The cost for the increase loading of the pedestrian bridges from a H-5 load to a H-10 load will be an additional \$98,900.

The added dead load weight will vary from near 0 to 5,000 lbs per bridge and does not include the added live load.

47th Street 4,000-5,000 Lbs
Round Grove 1,500-2,000 Lbs
Blue Ridge 1,500-2,000 Lbs
Stadium 750-1,000 Lbs
Wild wood nearly 0 lbs

This price does not include any changes to the abutments, your engineer will have to determine if the abutments need to be redesigned.

The price for a IPE wood deck with significant less dead load would be more money (but no redesign of abutments).

Sincerely

Ed Andres



- Heavy Highway
- Water & Sewer Treatment Plants
- Industrial/Power

Radmacher Brothers Excavating Company, Inc.

2201 N. 7 Highway, Suite B * Pleasant Hill, MO 64080 * 816 540-3614 * 816 540-4444 fax

October 31, 2019

Rick Johnson
 Jackson County
 303 West Walnut
 Independence, MO 64050

RE: Chamber of Commerce Parking Lot

Rick:

As requested, we are submitting a price for the added parking lot at the Raytown Chamber of Commerce. We feel the existing design does not allow for adequate cover over the RCP. In fact, the pipe profile shown on page 179 has about 8" of cover which would extend 4" into the asphalt. We propose to extend the pipe 2' and lower the outlet 1.5'. Below are costs associated with these changes. In addition, there is not a bid item for the 60" RCP Class IV.

Additional Clearing and Grading	1	LS	\$3,350.00	\$3,350.00
Add 8" Concrete Pavement	164	SY	\$49.50	\$8,118.00
Add 60" RCP Class IV	80	LF	\$235.00	\$18,800.00
Add 60" RCP FES	1	EA	4,210.00	\$4,210.00
Deducts				
33) 60" Pipe Group C	78	LF	\$172.00	-\$13,416.00
38) 60" CMP FES	1	EA	\$4,210.00	-\$4,210.00
51) Pedestrian Fence 48"	91	LF	\$39.00	-\$3,549.00
Total				\$13,303.00

Sincerely,

Ed Andres
 Vice President

An Equal Opportunity Employer



- Heavy Highway
- Water & Sewer Treatment Plants
- Industrial/Power

Radmacher Brothers Excavating Company, Inc.

2201 N. 7 Highway, Suite B * Pleasant Hill, MO 64080 * 816 540-3614 * 816 540-4444 fax

April 16, 2020

Matt Davis
 Rock Island Project Manager
 Jackson County Parks & Recreation
 303 West Walnut Street
 Independence, MO 64050

Re: Rock Island Rail Corridor
 Shared Use Path
 Federal No. STP-3453(402)
 County Project No. 3221(PW 09-2018)

Matt:

As requested, we are pricing piles instead of spread footings on the Stadium Bridge Abutments due to the changed condition of insufficient rock. If you have any questions call.

Stadium Bridge Geotech and Pile Conversion

Geotech - Mob - 2 Bores - Logger - Engineer -				
Unconfined Compressive Tests	1	LS	\$8,850.00	\$8,850.00
Piles (8 Piles max. 20' Each)	160	LF	\$80.80	\$12,928.00
Pre-Bore (8 Holes up to 10' Rock)	8	Holes	\$2,000.00	\$16,000.00
Delay - Administration - Remobilization	1	LS	\$2,150.00	\$2,150.00
				\$0.00
				\$39,928.00

Sincerely

Ed Andres



- Heavy Highway
- Water & Sewer Treatment Plants
- Industrial/Power

Radmacher Brothers Excavating Company, Inc.

2201 N. 7 Highway, Suite B * Pleasant Hill, MO 64080 * 816 540-3614 * 816 540-4444 fax

April 16, 2020

Matt Davis
 Rock Island Project Manager
 Jackson County Parks & Recreation
 303 West Walnut Street
 Independence, MO 64050

Re: Rock Island Rail Corridor
 Shared Use Path
 Federal No. STP-3453(402)
 County Project No. 3221(PW 09-2018)

Matt:

As requested, we are pricing the changes in the pedestrian signals at 59th Street and Raytown Road. Below are the costs.

Item 102 16AWG 2 Conductor	600	LF	\$1.30/LF	\$750.00
New Item 3" Bore Sched 40	240	LF	\$37.70/LF	\$9,048.00
Total				\$9,798.00

Sincerely

Ed Andres



- Heavy Highway
- Water & Sewer Treatment Plants
- Industrial/Power

Radmacher Brothers Excavating Company, Inc.

2201 N. 7 Highway, Suite B * Pleasant Hill, MO 64080 * 816 540-3614 * 816 540-4444 fax

March 10, 2020

Matt Davis
Rock Island Project Manager
Jackson County Parks & Recreation
303 West Walnut Street
Independence, MO 64050

Re: Rock Island Rail Corridor
Shared Use Path
Federal No. STP-3453(402)
County Project No. 3221(PW 09-2018)

Matt:

We inadvertently ordered black reinforcing steel for the substructure in lieu of the epoxy coated that was noted on the plans. We can offer a \$.15/LB deduct for 23,823 lbs that was delivered (for a total of \$3,573.00). The Slab steel will be epoxy coated as specified.

Sincerely

Ed Andres

Eric L. Johnson

From: Ed Andres <eandres@radbroex.com>
Sent: Thursday, March 19, 2020 1:48 PM
To: Matt Davis; Scott Hicks; Troy Collins
Cc: Eric L. Johnson
Subject: RE: EXTERNAL Bridge Lumber for Raytown Rd

Matt

We had a price of \$250 per each for the specified but are no longer available (14 Months ago).

The Douglass Fir with the QNAP are \$310 per each.

Thanks

Ed Andres

Radmacher Brothers Excavating
2201 North 7 Hwy. Suite B
Pleasant Hill, MO 64080
Office – 816-540-3614
Mobil – 816-215-8353

From: Matt Davis <mdavis@jacksongov.org>
Sent: Thursday, March 19, 2020 1:05 PM
To: Scott Hicks <shicks@radbroex.com>; Troy Collins <TCollins@jacksongov.org>
Cc: Ed Andres <eandres@radbroex.com>; Eric L. Johnson <ELJohnson@jacksongov.org>
Subject: RE: EXTERNAL Bridge Lumber for Raytown Rd

Scott,

The Doug Fir and QNAP has been approved by the engineer and Raytown. Before we approve, can you let us know what the unit price on these are compared with the originally spec'd creosote timbers?

Thanks,

Matt Davis
Rock Island Project Manager
Jackson County Parks + Rec
O: 816-503-4849

From: Scott Hicks <shicks@radbroex.com>
Sent: Wednesday, March 18, 2020 10:03 AM
To: Troy Collins <TCollins@jacksongov.org>; Matt Davis <mdavis@jacksongov.org>
Cc: eandres@radbroex.com
Subject: EXTERNAL Bridge Lumber for Raytown Rd

WARNING: This email originated outside of Jackson County.
DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe.

Troy,

I have found another lumber source. They have the #1 Douglas Fir that meets the specs but is treated with QNAP. It is a oil based product but not the creosote as noted in plans. Here is the link for this product
<https://nlsuscorp.com/product/qnap#single-resources>. Per the supplier this is what the railroads have switched to. If we can get approval on this we can take delivery in approximately 2 weeks.

Thanks,

Scott Hicks
Superintendent

Radmacher Brothers Excavating Company, Inc.
2201 North 7 Highway Suite B | Pleasant Hill, Missouri 64080
816-988-6919 Mobile | 816-540-3614 Office | 816-540-4444 Fax



- Heavy Highway
- Water & Sewer Treatment Plants
- Industrial/Power

Radmacher Brothers Excavating Company, Inc.

2201 N. 7 Highway, Suite B * Pleasant Hill, MO 64080 * 816 540-3614 * 816 540-4444 fax

April 24, 2020

Matt Davis
 Rock Island Project Manager
 Jackson County Parks & Recreation
 303 West Walnut Street
 Independence, MO 64050

Re: Rock Island Rail Corridor
 Shared Use Path
 Federal No. STP-3453(402)
 County Project No. 3221(PW 09-2018)

Matt:

Enclosed are the extra costs for the changed conditions at wall 284-3 (36" Diameter Drilled Shafts). Plans did not call for any rock sockets or permanent casings. I inadvertently left off the casing Radmacher bought.

Added Drilling Costs	7	Hours	\$450.00	\$3,150.00
Permanent Casing	15	LF	\$194.00	\$2,910.00
5% on Subs				\$303.00
Added Radmacher Labor	32	Hrs	\$65.00	\$2,080.00
Added Equipment	8	Hrs	\$80.00	\$640.00
Added Casing	1	LS	\$1,839.00	\$1,839.00
15% O/H & Profit				\$683.85
Total				\$11,605.85

Sincerely

Ed Andres



- Heavy Highway
- Water & Sewer Treatment Plants
- Industrial/Power

Radmacher Brothers Excavating Company, Inc.

2201 N. 7 Highway, Suite B * Pleasant Hill, MO 64080 * 816 540-3614 * 816 540-4444 fax

April 23, 2020

Matt Davis
Rock Island Project Manager
Jackson County Parks & Recreation
303 West Walnut Street
Independence, MO 64050

Re: Rock Island Rail Corridor
Shared Use Path
Federal No. STP-3453(402)
County Project No. 3221(PW 09-2018)

Matt:

As requested, we are submitting a price for the added drainage for the soldier pile walls.

Wall 284-3	120	LF	\$14.00/LF	\$1,680.00
Wall 283-4	400	LF	\$14.00/LF	\$5,600.00

Sincerely

Ed Andres



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May 12, 2020

Matt Davis
 Rock Island Project Manager
 Jackson County Parks & Recreation
 303 West Walnut Street
 Independence, MO 64050

Re: Rock Island Rail Corridor
 Shared Use Path
 Federal No. STP-3453(402)
 County Project No. 3221(PW 09-2018)

Matt:

As requested, we are submitting a price for the pile points for the remaining bridges.

Alternate Bid			
Stadium Bridge	8	Each	\$200.00/Each \$1,600.00
47 th Street Bridge	8	Each	\$200.00/Each \$1,600.00
Base Bid			
Wildwood Bridge	8	Each	\$200.00/Each \$1,600.00

Sincerely

Ed Andres



- Heavy Highway
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- Industrial/Power

Radmacher Brothers Excavating Company, Inc.

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June 30, 2020

Matt Davis
 Rock Island Project Manager
 Jackson County Parks & Recreation
 303 West Walnut Street
 Independence, MO 64050

Re: Rock Island Rail Corridor
 Shared Use Path
 Federal No. STP-3453(402)
 County Project No. 3221(PW 09-2018)

Matt:

As requested, we are describing the quantity differences on Change Order 1.

Item 26 Concrete Curb Ramps – The actual quantity for the curb ramps was measured in the field. This quantity increased slightly to be ADA compliant.

Item 43 and Item A25 Mulch Filter Berm – The actual quantity of Mulch Filter berm was measured in the field. This berm is an efficient way to use on site materials to control erosion and runoff, the quantity over ran to be compliant with the SWPPP plan.

Item 44 and Item A26 Silt Fence – The silt fence quantity was measured in the field and increased to be compliant with the SWPPP Plan.

Item 46 Inlet Protection – The number of inlet protection devices increased slightly to be compliant with the SWPPP plan.

Item A28 Stabilized Construction Entrance – One additional entrance was constructed in order the reduce track out from the project to the local roads.

Item A24 Temporary Seeding – Due to the Stop Work order on December 7, 2019 additional temporary seeding was required to be in compliant with the SWPPP plan.

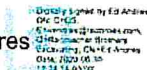
Item A39 Structural Steel – The HP 14"x102# was field measured and increased slightly due to field conditions.

Item A42 Concrete Pile (36") – The 36" concrete Pile increased slightly due to field conditons.

If you have any questions please call.

Sincerely

Ed Andres



Ed Andres

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July 8, 2020

Matt Davis
Rock Island Project Manager
Jackson County Parks & Recreation
303 West Walnut Street
Independence, MO 64050

Re: Rock Island Rail Corridor
Shared Use Path
Federal No. STP-3453(402)
County Project No. 3221(PW 09-2018)

Matt:

Items 119 and A49 Type 3 Barricades – At the county's request the quantity of type 3 barricades was increased by 35 to maintain a safe working project.

Item 127 and A72 6" Perforated Drain for Path – This item was added at the county's request in order to drain the sub-base along the trail.

Item 4 and A3 Clearing and Grubbing – This is was reduced by 1.98 and 1.81 acres due to the elimination of rail removal where the new trail is off line of the existing tracks.

If you have any questions please call.

Sincerely

Ed Andres

Digitally signed by Ed Andres
DN: C=US,
E=ed.andres@rabcros.com,
O=Radmacher Brothers
Excavating, CN=Ed Andres
Date: 2020.07.08
14:12:31 -0500

Ed Andres