

IN THE COUNTY LEGISLATURE OF JACKSON COUNTY, MISSOURI

A RESOLUTION authorizing the County Executive to execute Change Order No. 5 to the contract with Radmacher Brothers Excavation Co., Inc., of Pleasant Hill, MO, for necessary changes to the construction of the Rock Island Shared Use Path Project, at an additional cost to the County not to exceed \$110,326.00.

RESOLUTION NO. 20699, June 14, 2021

INTRODUCED BY Tony Miller, County Legislator

WHEREAS, by Resolution 19659, dated November 20, 2017, the Legislature did award a contract to Radmacher Brothers Excavation Co., Inc. of Pleasant Hill, MO, pursuant to Bid No. PW 07-2017, for the furnishing of construction services relating to the Rock Island Shared Use Path Project at a cost to the County not to exceed \$11,067,439.71; and,

WHEREAS, subsequent change orders have increased the total contract price to its present authorization of \$11,542,290.30; and,

WHEREAS, while performing these construction services, the contractor encountered unforeseen field conditions, inadequate survey and/or geotechnical data, and insufficient specified quantities for certain bid items relating to retaining walls along the path; and,

WHEREAS, a design change recommended by the contractor and other cost-reducing measures implemented by County staff have reduced the ultimate financial impact of these issues; and,

WHEREAS, a change order for these unforeseen conditions is necessary to build the project to the specified design, at an additional cost to the County not to exceed \$110,326.00; and,

WHEREAS, Change Order No. 5, which addresses the retaining wall costs and cost-reducing measures, will bring the total not to exceed cost of the project to \$11,652,616.58; and,

WHEREAS, no other contract changes are included in this change order; now therefore,

BE IT RESOLVED by the County Legislature of Jackson County, Missouri, that the County Executive be and hereby is authorized to execute the attached Change Order No. 5 to the contract with Radmacher Brothers Excavation Co., Inc., of Pleasant Hill, MO; and,

BE IT FURTHER RESOLVED that the Director of the Department of Finance and Purchasing be and hereby is authorized to make all payments, including final payment on the contract and all change orders thereto.

Effective Date: This Resolution shall be effective immediately upon its passage by a majority of the Legislature.

APPROVED AS TO FORM:

[Signature]
Chief Deputy County Counselor

[Signature]
County Counselor

Certificate of Passage

I hereby certify that the attached resolution, Resolution No. 20699 of June 14, 2021, was duly passed on June 28, 2021 by the Jackson County Legislature. The votes thereon were as follows:

Yeas 9

Nays 0

Abstaining 0

Absent 0

6.28.2021
Date

[Signature]
Mary Jo Spino, Clerk of Legislature

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: 011 3601 58060
ACCOUNT TITLE: Rock Island Railroad Capital Project Fund
Rock Island Rail Corridor Auth.
Other Improvements
NOT TO EXCEED: \$110,326.00

6/9/2021
Date

[Signature]
Chief Administrative Officer

May 3, 2021

Mr. Matt Davis
Rock Island Project Manager
Jackson County Parks & Rec
415 E 12th St
Kansas City, MO 64106

RE: Change Order #5 STP-3453 (402)

Dear Mr. Davis:

Attached is one approved copy of Change Order No. 5 for Project No. STP-3453 (402), Rock Island Rail Corridor Shared Use path.

This change order will be participating by the Federal Highway Administration up to the limits of the Federal Funds available for the project, and will add \$110,326.28 to the contact price.

If you have any questions, please contact me at (816) 607-2136.

Sincerely,



Brian Lavender
Intermediate Construction Inspector - LPA



CHANGE ORDER



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

Change Order No.: 5
Date: April 12, 2021

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)
2	Utility Potholes	12	Each	\$ 480.00	\$ 5,760.00	(1)	\$ (480.00)	\$ -
5	Unclassified Excavation	11,611	CY	\$ 9.20	\$ 106,821.20	2,121	\$ -	\$ 19,513.20
6	Rock Excavation	614	CY	\$ 15.90	\$ 9,762.60	(481)	\$ (7,647.90)	\$ -
9	Remove and Replace Unsuitable Material	2,686	CY	\$ 24.90	\$ 66,881.40	(2,001)	\$ (49,824.90)	\$ -
10	Shot Rock	1,620	CY	\$ 43.70	\$ 70,794.00	222.8	\$ -	\$ 9,736.36
12	Removal of Rail and Ties	23,193	LF	\$ 16.20	\$ 375,726.60	(4,302)	\$ (69,692.40)	\$ -
13	Removal of Bridge Rail and Ties	218	LF	\$ 16.20	\$ 3,531.60	(26)	\$ (421.20)	\$ -
19	Crushed Rock Surfacing (8 in.)	21,838	SY	\$ 11.50	\$ 251,137.00	653.3	\$ -	\$ 7,512.95
20	Concrete Pavement (6 in. with Fibers)	14,425.7	SY	\$ 52.00	\$ 750,136.40	(643.3)	\$ (33,451.60)	\$ -
23	Concrete Curb (C-1)	105	LF	\$ 20.50	\$ 2,152.50	(105)	\$ (2,152.50)	\$ -
30	18 inch Pipe Group C	185	LF	\$ 63.00	\$ 11,655.00	148	\$ -	\$ 9,324.00
42	Temporary Seeding and Mulching	28	Acre	\$ 370.00	\$ 10,360.00	(19.5)	\$ (7,215.00)	\$ -
43	Mulch Filter Berm	44,250	LF	\$ 1.20	\$ 53,100.00	(37,926.24)	\$ (45,511.49)	\$ -
44	Silt Fence	5,063	LF	\$ 1.50	\$ 7,594.50	(4,740)	\$ (7,110.00)	\$ -
45	Ditch Check	3	Each	\$ 214.00	\$ 642.00	2	\$ -	\$ 428.00
46	Inlet Protection	20	Each	\$ 179.00	\$ 3,580.00	(8)	\$ (1,432.00)	\$ -
47	Stabilized Construction Entrance	8	Each	\$ 1,280.00	\$ 10,240.00	(5)	\$ (6,400.00)	\$ -
48	Sediment Removal	409	CY	\$ 18.40	\$ 7,525.60	(409)	\$ (7,525.60)	\$ -
49	Erosion Control Blanket	2,591	SY	\$ 1.70	\$ 4,404.70	(2,135)	\$ (3,629.50)	\$ -
55	MSE Retaining Walls (Small Block) (Retained Face)	19,873	SF	\$ 112.00	\$ 2,225,776.00	4,340	\$ -	\$ 486,080.00
56	Soldier Pile Precast Panels (8 Ft.)	7,391	SF	\$ 35.20	\$ 260,163.20	(2,223)	\$ (78,249.60)	\$ -
60	Class B-1 Concrete (Substructure)	48	CY	\$ 2,036.00	\$ 97,728.00	3.1	\$ -	\$ 6,311.60

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 PO No(s): N/A

Change Order No.: 5
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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)
62	Class B-1 Concrete (Retaining Walls)	74	CY	\$ 872.00	\$ 64,528.00	(28.5)	\$ (24,852.00)	\$ -
63	Structural Steel Pile (12 in.)	168	LF	\$ 81.00	\$ 13,608.00	32.2	\$ -	\$ 2,608.20
64	Structural Steel Pile (HP 112 x 63)	1,240	LF	\$ 66.00	\$ 81,840.00	(1,240)	\$ (81,840.00)	\$ -
65	Structural Steel Pile (HP 14 x 102)	1,693	LF	\$ 73.00	\$ 123,589.00	261	\$ -	\$ 19,053.00
66	Structural Steel Pile (HP 18 x 119)	61	LF	\$ 122.00	\$ 7,442.00	5	\$ -	\$ 610.00
67	Pre-Bore for Piling	100	LF	\$ 63.00	\$ 6,300.00	(32)	\$ (2,016.00)	\$ -
68	Drilled Shaft (4 Ft. 0 in. Dia.)	33	LF	\$ 833.00	\$ 27,489.00	4.4	\$ -	\$ 3,665.20
69	Rock Sockets (1 Ft. 6 in. Dia.)	387	LF	\$ 214.00	\$ 82,818.00	(387)	\$ (82,818.00)	\$ -
70	Rock Sockets (2 Ft. 6 in. Dia.)	224	LF	\$ 349.00	\$ 78,176.00	32	\$ -	\$ 11,168.00
72	Concrete Pile (24 in.)	516	LF	\$ 100.00	\$ 51,600.00	(516)	\$ (51,600.00)	\$ -
73	Concrete Pile (36 in.)	781	LF	\$ 117.00	\$ 91,377.00	217	\$ -	\$ 25,389.00
83	Flaggers	8	Each	\$ 605.00	\$ 4,840.00	(6)	\$ (3,630.00)	\$ -
84	Channelizers	400	Each	\$ 26.00	\$ 10,400.00	(195)	\$ (5,070.00)	\$ -
85	Temporary Concrete Safety Barrier	200	LF	\$ 28.00	\$ 5,600.00	(62.5)	\$ (1,750.00)	\$ -
86	Temporary Sign Assembly	70	Each	\$ 84.00	\$ 5,880.00	(48)	\$ (4,032.00)	\$ -
87	Changeable Message Sign	2	Each	\$ 7,400.00	\$ 14,800.00	(2)	\$ (14,800.00)	\$ -
89	Existing Pavement Marking Removal	400	LF	\$ 4.20	\$ 1,680.00	(147)	\$ (617.40)	\$ -
94	Green Bike Lane Pavement Marking Paint	510	SF	\$ 12.60	\$ 6,426.00	(42)	\$ (529.20)	\$ -
109	Collapsible Bollard	15	Each	\$ 990.00	\$ 14,850.00	(1)	\$ (990.00)	\$ -
117	Lost Rail Salvage Cost	2,520	LF	\$ 11.67	\$ 29,408.40	4,328	\$ -	\$ 50,507.76
119	Type III Moveable Barricades w/ Flashers	31	Each	\$ 1,313.00	\$ 40,703.00	2	\$ -	\$ 2,626.00
126	6" Perforated Drain for Soldier Pile Wall 283-4	400	LF	\$ 14.00	\$ 5,600.00	128	\$ -	\$ 1,792.00
127	6" Perforated Drains for Shared Use Path	500	LF	\$ 19.00	\$ 9,500.00	(380)	\$ (7,220.00)	\$ -
130	Geotech Investigation: Soldier Pile to MSE Wall	0	LS	\$ 29,000.00	\$ -	1	\$ -	\$ 29,000.00
131	Soil Stabilization with Geogrid	0	Tons	\$ 25.00	\$ -	1,960	\$ -	\$ 49,000.00
132	Storm Sewer Modification: Sta. 442+30	0	LS	\$ 16,113.00	\$ -	1	\$ -	\$ 16,113.00
133	MSE Retaining Wall Gap Modification	0	LS	\$ 6,806.00	\$ -	1	\$ -	\$ 6,806.00
134	Trail Lighting at 63rd Street Bridge	0	LS	\$ 9,750.00	\$ -	1	\$ -	\$ 9,750.00

CHANGE ORDER

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



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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)
A1	Utility Poles	8	Each	\$ 483.00	\$ 3,864.00	(6)	\$ (2,898.00)	\$ -
A4	Unclassified Excavation	15,108	CY	\$ 9.20	\$ 138,993.60	23.4	\$ -	\$ 215.28
A5	Rock Excavation (Class C Excavation)	796	CY	\$ 15.90	\$ 12,656.40	(23.4)	\$ (372.06)	\$ -
A8	Remove and Replace Unsuitable Material	663	CY	\$ 24.90	\$ 16,508.70	(563)	\$ (14,018.70)	\$ -
A10	Removal of Rail and Ties	4,057	LF	\$ 16.20	\$ 65,723.40	(1,742)	\$ (28,220.40)	\$ -
A13	Scrap Tire Disposal or Recycle	20	CY	\$ 120.00	\$ 2,400.00	(3)	\$ (360.00)	\$ -
A14	Type 5 Aggregate for Base (4 in.)(Pugged)	9,492	CY	\$ 5.80	\$ 55,053.60	(244.1)	\$ (1,415.78)	\$ -
A15	Concrete Pavement (6 in. w/ Fibers)	7,944.5	SY	\$ 52.30	\$ 415,497.35	(70)	\$ (3,661.00)	\$ -
A16	Concrete Sidewalk, 4 in.	4	SY	\$ 53.80	\$ 215.20	(4)	\$ (215.20)	\$ -
A17	Concrete Curb Ramp	44.4	SY	\$ 107.00	\$ 4,750.80	(4.4)	\$ (470.80)	\$ -
A18	Truncated Domes	88	SF	\$ 23.40	\$ 2,059.20	32	\$ -	\$ 748.80
A26	Silt Fence	618	LF	\$ 1.50	\$ 927.00	(375)	\$ (562.50)	\$ -
A27	Ditch Check	9	Each	\$ 210.00	\$ 1,890.00	(9)	\$ (1,890.00)	\$ -
A28	Stabilized Construction Entrance	4	Each	\$ 1,280.00	\$ 5,120.00	(1)	\$ (1,280.00)	\$ -
A30	Erosion Control Blanket	10,714	SY	\$ 1.70	\$ 18,213.80	666	\$ -	\$ 1,115.20
A36	Class B-1 Concrete (Substructure)	156	CY	\$ 1,110.00	\$ 173,160.00	10.5	\$ -	\$ 11,655.00
A38	Structural Steel Pile (12 in.)	340	LF	\$ 80.80	\$ 27,472.00	(10)	\$ (808.00)	\$ -
A49	Type III Moveable Barricades w/ Flashers	14	Each	\$ 1,313.00	\$ 18,382.00	(3)	\$ (3,939.00)	\$ -
A51	Channelizers (Trim Line)	100	Each	\$ 32.00	\$ 3,200.00	(100)	\$ (3,200.00)	\$ -
A52	Temporary Concrete Safety Barrier	40	LF	\$ 28.00	\$ 1,120.00	75.0	\$ -	\$ 2,100.00
A53	Temporary Sign Assembly	90	Each	\$ 74.00	\$ 6,660.00	(50)	\$ (3,700.00)	\$ -
A54	Changeable Message Board	2	Each	\$ 8,400.00	\$ 16,800.00	(2)	\$ (16,800.00)	\$ -
A55	Flashing Arrow Panel	2	Each	\$ 2,100.00	\$ 4,200.00	(2)	\$ (4,200.00)	\$ -
A62	Collapsible Bollard	3	Each	\$ 990.00	\$ 2,970.00	1	\$ -	\$ 990.00
A67	Lost Rail Salvage Cost	4,584	LF	\$ 11.67	\$ 53,495.28	1,742	\$ -	\$ 20,329.14
A72	6" Perforated Drains for Shared Use Path	500	LF	\$ 19.00	\$ 9,500.00	(500)	\$ (9,500.00)	\$ -
A74	Traffic Control: Pickup Trucks/Drivers	0	Hours	\$ 95.00	\$ -	8	\$ -	\$ 760.00

CHANGE ORDER



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A75	Replace Concrete Curb and Gutter (CG-1)	0	LF	\$ 26.80	\$ -	57.4	\$ -	\$ 1,538.32
A76	Wildwood Bridge Pedestrian Bridge Handrail Gap Modifications	0	LS	\$ 1,950.00	\$ -	1	\$ -	\$ 1,950.00
A77	Blue Ridge Cutoff Pedestrian Bridge Modification	0	LS	\$ 1,950.00	\$ -	1	\$ -	\$ 1,950.00
SUBTOTALS =						\$ (700,019.73)	\$	\$ 810,346.01

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			
2 October 28, 2020		80		
3 December 1, 2020	\$ 257,955.26			
4 January 20, 2021		162		
5 April 12, 2021	\$ 110,326.28			
Net Change Order(s) =			\$ 585,176.87	242
Current Contract Price and Contract Days =			\$ 11,652,616.58	692

CHANGE ORDER

Project Name: Rock Island Rail Corridor Shared Use Path
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 Account No.: 010-3602-58060
 PO No(s): N/A

Change Order No.: 5
 Date: April 12, 2021



ACKNOWLEDGEMENTS:

AGREED to by Contractor: Ed Andres <small>Digitally signed by Ed Andres DN: C=US, E=andres@radbroex.com, O=Radmacher Brothers Excavating, CN=Ed Andres Date: 2021.04.23 13:01:31-05'00'</small> Radmacher Brothers Excavating, Inc.	Date
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RECOMMENDED for Approval MoDOT Senior Construction Inspector: Brian Lavender	Date
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APPROVED: Missouri Department of Transportation Digitally signed by John P. Donahue Date: 2021.04.30 13:08:24 -05'00'	Date
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RECOMMENDED for Approval Jackson County Inspector Troy Collins Sr. <small>Digitally signed by Troy Collins Date: 2021.04.23 12:40:05 -05'00'</small>	Date
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RECOMMEND for Approval Jackson County Construction Manager Eric L. Johnson <small>Digitally signed by Eric L. Johnson DN: C=US, E=ejohnson@jacksongov.org, O=Engineering Division, OU=Jackson County Public Works, CN=Eric L. Johnson Reason: I have reviewed this document Date: 2021.04.23 11:56:26-05'00'</small> Eric L. Johnson, PE	Date
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APPROVED: Jackson County Director of Parks + Rec Michele Newman	Date
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ATTACHMENT A:
 See attached letters.