



PUBLIC WORKS MEMORANDUM

City of Jackson

TO: Mayor and Board of Aldermen

CC: Jim Roach, City Administrator

FROM: Anna Bergmark, City Engineer

DATE: February 13, 2023

RE: Change Order No 1. – Mary Street Bridge and Sidewalk Improvement Project.

Attached to this memo is Change Order No 1 for the Mary Street Bridge and Sidewalk Improvement Project. The purpose of this change order is to extend the contract date to May 18, 2023. This extension is due to the asphalt plants being closed for the winter season. This change order also includes additional quantities that have occurred thus far in the project. These changes include the removal of a tree that interfered with the electric pole guy wire, modifications to the sidewalks on the bridge to ensure ADA compliance, rock excavation, and a correction in the quantity of storm sewer. The total cost of all the changes resulted in an increase of \$40,957.56.

I recommend approval of this change order.

CHANGE ORDER #1

CONTRACTOR: Putz Construction
PROJECT NAME: Mary Street Bridge Improvements

CITY: Jackson
PROJECT NO.:

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

1. DESCRIPTION AND REASON FOR CHANGE:

- A) Documents are attached on a T&M schedule
- B) On the engineered plans there was a quantity bust going from New Curb Inlet #2 to Bent #2 of 14LF
- C) Additional Asphalt and Waterproofing membrane is to make the sidewalk across the bridge ADA compliant
- D) Removal of Changeable Message board, Sub contractor forgot to bring them out, by the time it was discovered there was not a need for the signs.
- E) Time Extension is due to Asphalt Plants not being open at the end of the project, this was discussed during the PreCon, An Estimated open date for Asphalt Plants is around the middle of April. By pushing the completion date to May 18th, this give the contractor time to finish a the guard rails, pedestrian fence and striping after asphalt
- F) Per direction from the City of Jackson, it was decided to pay for the substantial rock excavation
- G) With the addition of the asphalt in the sidewalk area on the bridge to make ADA compliant, it was necessary to block out around the guard rail bolts and pedestrian fence bolts because the length of the bolts on the box beams are not long enough once you put down 3" of asphalt. (Additional documentation is attached)

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	CONTRACT OR ADJUSTED UNIT PRICE	AMOUNT OF OVERRUN OR PLUS CONTINGENT	AMOUNT OF UNDERRUN OR MINUS CONTINGENT
	CONT #1	Tree Removal	0	1	1.00	LS	\$1,935.56	\$1,935.56	
21	7261018	Storm Sewer 18" RCP	120	134	14.00	LF	\$95.00	\$1,330.00	
7	4011208	Bituminous Pavement Mixture (BP-2) (Surface Course)	181	213	32.00	TN	\$110.00	\$3,520.00	
66	7034221	Waterproofing membrane and sealer (under asphalt)	381	572	191.00	SY	\$42.80	\$8,174.80	
38	6161099	Changeable Message Sign With Communication Interface, Contractor Furnished, Contractor Retained	2	0	2.00	EA	\$3,850.00		\$7,700.00
		Time Extension	180	254	74.00	DAYS	\$0.00	\$0.00	
	CONT #2	Rock Excavation	40	254	214.00	CY	\$120.00	\$25,680.00	
	CONT #3	3" Pans and post extension for guard rail and pedestrian fence	0	1	1.00	LS	\$8,017.20	\$8,017.20	
					0.00				
TOTALS:								\$48,657.56	\$7,700.00
								\$40,957.56	

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

Please find the attached Contingent Item Price Check Supplemental Sheets for new items.

4. COST ADJUSTMENTS TO THE CONTRACT:

- 1. CONTRACT AMOUNT
- 2. OVERRUN PREVIOUS CHANGE ORDERS
- 3. OVERRUN THIS ORDER
- 4. UNDERRUN PREVIOUS CHANGE ORDERS
- 5. UNDERRUN THIS ORDER
- 6. PROJECT TOTAL

	\$1,643,870.58
\$48,657.56	
\$7,700.00	
	\$1,684,828.14

THE TERMS OF SETTLEMENT OUTLINED ABOVE ARE HEREBY AGREED TO:

APPROVED: CITY OF JACKSON (OWNER)	DATE	APPROVED: Putz Construction	DATE
			2/3/23
APPROVED: MODOT	DATE	APPROVED: COCHRAN ENGINEERING	DATE
			2/1/2023

Date: 12/21/22
 Change Order No: 1

Putz Construction, LLC
Change Order #1
Summary of Costs

Project: Mary St. Bridge Improvements Job Number: _____
 City/State Jackson MO Cont. Line Number: _____
 Contract ID: _____
 Desc. and
 loc. of work: Removal of Tree, root wad, fill and compaction for contracted pavestone wall.

	Wages	Fringe Benefits	Total
Labor Account:	<u>\$265.64</u>	<u>\$170.76</u>	\$ 436.40
Plus 20% of Labor Account			\$ 87.28
Insurance & Social Security Tax Account		Percentage: _____	\$ -
Plus 20% of Ins. & S.S. Tax Account			\$ -
Materials Account			\$ 200.00
Plus 20% of Materials Account			\$ 40.00
Sales Tax			
	Contractor Owned	Rental	
Equipment Rental Account	<u>\$900.00</u>	<u>\$87.50</u>	\$ 987.50
Plus 20% of Contractor Owned Equipment			\$ 180.00
Plus 5% of Rental Equipment			\$ 4.38
Subcontract work:			\$ -
Overhead on Approved Subcontract Work (5% of work cost)			\$ -
		GRAND TOTAL	\$ 1,935.56

Approved By: _____ (Title)

For: _____
 (Contractor)

See first page for signatures approving the change order in its entirety

Date: 12/21/22

Change Order No: 1

Report No: _____

Putz Construction, LLC**Change Order #1****Labor Cost**

Project: Mary Street Bridge Improvements

City/State: Jackson Mo

Contract ID: _____

Description and location of work: _____

Name	Classification	Number of Hours		Rate per Hour	Fr. Ben. per Hour	Wage Amount	Fr. Ben. Amount
Tony Barks	Operator	Base	4	\$35.66	\$28.07	\$142.64	\$112.28
		O.T.			\$28.07		
Ryan Schumer	General Laborer	Base	2	\$30.75	\$14.62	\$61.50	\$29.24
		O.T.			\$14.62		
Wyatt Stroder	General Laborer	Base	2	\$30.75	\$14.62	\$61.50	\$29.24
		O.T.			\$14.62		
		Base					
		O.T.					
		Base					
		O.T.					
		Base					
		O.T.					
		Base					
		O.T.					
		Base					
		O.T.					
		Base					
		O.T.					
		Base					
		O.T.					
		Base					
		O.T.					
		Base					
		O.T.					
		Base					
		O.T.					
		Base					
		O.T.					
		Base					
		O.T.					
Total This Report						\$265.64	\$170.76
Total Previous						\$0.00	\$0.00
Total to Date						\$265.64	\$170.76

Equipment Summary

Yes X

No _____

(City of Jackson)

(Putz Construction)

See first page for signatures approving the change order in its entirety

Date: 12/21/22Change Order No: 1Report No: **Putz Construction, LLC****Summary of Equipment & Material Cost**

Project: Mary St. Bridge Improvements
City/State: Jackson MO
Contract ID:
Descrip. and
loc. of work:

Date: 12/21/2022
Report #:
C.O. #: 1

Equipment Account

Type, Size, & Model No. of Equipment	Year	Rental? Y or N	# of Hours	Hourly Rate	Amount for Cont. Owned Equip.	Amount for Rental Equip.
315 Excavator	??????	N	3	\$150.00	\$450.00	
Dump Truck	2020	N	2	\$100.00	\$200.00	
Dump Truck	2019	N	2	\$100.00	\$200.00	
289 Skid Loader	??????	N	0.5	\$100.00	\$50.00	
CP56B Sheeps Foot	??????	N	0.5	\$175.00		\$87.50
Total Contractor Owned Equipment This Report					\$900.00	
Previous Contractor Owend Equipment Total						
Total Contractor Owned Equipment to Date					\$900.00	
Total Rental Equipment This Report						\$87.50
Previous Rental Equipment Total						
Total Rental Equipment to Date						\$87.50
Total Equipment Account to Date					\$987.50	

Materials Account

Kind of Material	Furnished By	Invoice #	Size or Amount	Units Used	Unit Cost	Amount
Disposal of Debris	Putz Construction	N/A	EA	1	\$200.00	\$200.00
Total Materials This Report						\$200.00
Previous Materials Account						
Total Materials Account to Date						\$200.00

(City of Jackson)

(Putz Construction)

See first page for signatures approving the change order in its entirety

Route: Mary Street
 County: Cape Girardeau
 Contract ID: _____
 Desp. and
 loc. of work: Bridge railing re-design and re-work

Job Number: _____
Cont. Line Number: _____

Approved By: _____, Resident Engineer

Approved By: _____ (Title) _____

For: _____
(Contractor)

- 1) Receipted invoices covering all materials used
- 2) All Daily Force Account Records
- 3) Written agreements on Equipment Rental Rates
- 4) Copy of the payrolls showing employees who did the force account work

See first page for signatures approving the change order in its entirety

____ Contractor (1) ____ Const.(1) ____ Dist.(1) ____ Resident Engineer(1)

***Any item in blue must be entered manually by the user

Date: 1/26/23

Change Order No: 2

Report No: _____

Putz Construction, LLC
Equipment and Materials Record

Route: Mary Street
 County: Cape Girardeau
 Contract ID: _____
 Descr. and
 loc. of work: Bridge railing re-design and re-work

Equipment Account

Type,Size, & Model No. of Equipment	Year	Rental? Y or N	# of Hours	Hourly Rate	Amount for Cont. Owned Equip.	Amount for Rental Equip.
Total Contractor Owned Equipment This Report						
Previous Contractor Owend Equipment Total						
Total Contractor Owned Equipment to Date						
Total Rental Equipment This Report						
Previous Rental Equipment Total						
Total Rental Equipment to Date						
Total Equipment Account to Date						

Materials Account

Kind of Material	Furnished By	Invoice #	Size or Amount	Units Used	Unit Cost	Amount
1/2" Spacer	Custom Cut Fabrication LLC	22167	Lump Sum	1	\$2,227.00	\$2227.00
3" Deep Pans	Custom Cut Fabrication LLC	22167	Lump Sum	1	\$2,227.00	\$2227.00
3" Post Extension	Custom Cut Fabrication LLC	22167	Lump Sum	1	\$2,227.00	\$2227.00
Total Materials This Report						\$6681.00
Previous Materials Account						
Total Materials Account to Date						\$6681.00

(MoDOT)

(Contractor)

See first page for signatures approving the change order in its entirety