

Date of Issuance:	September 26, 2023	Effective Date:	_____
Owner:	City of Jackson, Missouri	Owner's Ordinance No.:	Ord. No. 22-43
Contractor:	Robinson industrial, Heavy & Commercial Contracting, Inc. dba RHIC Contracting	Engineer's Project No.:	1721200
Engineer:	Horner & Shifrin, Inc.		

The Contract is modified as follows upon execution of this Change Order:

Description: Change Order #02 REV_01 hereby supersedes Change Order #02 REV_00 issued June 27, 2023 to correct the CHANGE IN CONTRACT TIMES to accurately reflect the dates of Substantial Completion and Final Completion specified on the revised schedule submitted by RHIC Contracting (General Contractor) and attached to the previously approved Change Order #02 REV_00.

Contractor has realized material delivery delays which require extension of construction schedule beyond original Contract Times. Material delays are related to 2020-2023 market disturbances and were anticipated and discussed during the Pre-Construction Meeting on 06/28/2022. Contractor has made good-faith effort(s) to maintain project schedule since commencement of Construction.


Attachments: Contractor's Revised Construction Schedule per Change Order CO_#02_REV_00 (dated 06/09/2023); Change Order No. #02 REV_00 (superseded).

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES
Original Contract Price: \$ 2,042,345.00	Original Contract Times: Substantial Completion: Wed. June 7, 2023 [n/a] Ready for Final Payment: Fri. July 7, 2023 [n/a] DATE [DAYS]
Increase Decrease from previously approved Change Orders: \$ (200,394.00) (Decrease)	[Increase] [Decrease] from previously approved Change Orders: Substantial Completion: (0 Days) Ready for Final Payment: (0 Days) days
Contract Price prior to this Change Order: \$ 1,841,951.00	Contract Times prior to this Change Order: Substantial Completion: Wed. June 7, 2023 [n/a] Ready for Final Payment: Fri. July 7, 2023 [n/a] DATE [DAYS]
Increase [Decrease] of this Change Order: \$ 0.00 (No Cost Change)	Increase Decrease of this Change Order: Substantial Completion: +138 Days +119 Days Ready for Final Payment: +138 Days +129 Days DAYS
Contract Price incorporating this Change Order: \$ 1,841,951.00	Contract Times with all approved Change Orders: Substantial Completion: Mon. Oct. 23, 2023 [503] Ready for Final Payment: Wed. Nov. 22, 2023 [533] DATE [DAYS]

RECOMMENDED:

ACCEPTED:

ACCEPTED:

By: 	By: _____	By: _____
Engineer (if required)	Owner (Authorized Signature)	Contractor (Authorized Signature)
Title: Project Engineer	Title: Public Works Director	Title: _____
Horner & Shifrin, Inc.	City of Jackson, Missouri	RIHC Contracting
Date: September 26, 2023	Date: _____	Date: _____

Date of Issuance: June 27, 2023 Effective Date: 06/27/2023
Owner: City of Jackson, Missouri Owner's Ordinance No.: Ord. No. 22-43
Contractor: Robinson industrial, Heavy & Commercial Contracting, Inc.
dba RHIC Contracting
Engineer: Horner & Shifrin, Inc. Engineer's Project No.: 1721200

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Description: Contractor has realized material delivery delays which require extension of construction schedule beyond original Contract Times. Material delays are related to 2020-2023 market disturbances and were anticipated and discussed during the Pre-Construction Meeting on 06/28/2022. Contractor has made good-faith effort(s) to maintain project schedule since commencement of Construction.


Attachments: Contractor's Revised Construction Schedule per Change Order CO_#02_REV_00 (dated 06/09/2023).

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES
Original Contract Price: \$ 2,042,345.00	Original Contract Times: Substantial Completion: Wed. June 7, 2023 [n/a] Ready for Final Payment: Fri. July 7, 2023 [n/a] DATE [DAYS]
[Increase] Decrease from previously approved Change Orders: \$ (200,394.00) (Decrease)	[Increase] [Decrease] from previously approved Change Orders: Substantial Completion: (0 Days) Ready for Final Payment: (0 Days) days
Contract Price prior to this Change Order: \$ 1,841,951.00	Contract Times prior to this Change Order: Substantial Completion: Wed. June 7, 2023 [n/a] Ready for Final Payment: Fri. July 7, 2023 [n/a] DATE [DAYS]
[Increase] [Decrease] of this Change Order: \$ 0.00 (No Cost Change)	Increase [Decrease] of this Change Order: Substantial Completion: +119 Days Ready for Final Payment: +129 Days DAYS
Contract Price incorporating this Change Order: \$ 1,841,951.00	Contract Times with all approved Change Orders: Substantial Completion: Wed. Oct. 04, 2023 [483] Ready for Final Payment: Mon. Nov. 13, 2023 [523] DATE [DAYS]

RECOMMENDED:

ACCEPTED:

ACCEPTED:

By: 	By: _____	By: _____
Engineer (if required)	Owner (Authorized Signature)	Contractor (Authorized Signature)
Title: Project Engineer	Title: Public Works Director	Title: _____
Horner & Shifrin, Inc.	City of Jackson, Missouri	RIHC Contracting
Date: June 27, 2023	Date: _____	Date: _____



KIMBELAND PUMP STATION IMPROVEMENTS

Data Date: 09-Jun-23









Activity Name	Activity % Complete	Planned Duration	Start	Finish	Qtr 2, 2023		Qtr 3, 2023			Qtr 4, 2023			Qtr 1, 2024	
					May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
KIMBELAND PUMP STATION IMPROVEMENTS		296	19-May-22 A	22-Nov-23	22-Nov-23, KIMBELAND PUMP STATION IMPROVEMENTS									
Milestones		296	19-May-22 A	22-Nov-23	22-Nov-23, Milestones									
Notice of Award	100%	0	19-May-22 A											
Notice to Proceed	100%	0	08-Jun-22 A											
Schedule Substantial Completion	0%	0		23-Oct-23							◆ Schedule Substantial Completion, 23-Oct-23,			
Schedule Final Completion	0%	0		22-Nov-23							◆ Schedule Final Completion, 22-Nov-23,			
General Requirements		287	08-Jun-22 A	15-Nov-23	15-Nov-23, General Requirements									
Planning & Procurement	100%	26	08-Jun-22 A	15-Jul-22 A										
Mobilization	100%	1	25-Jul-22 A	25-Jul-22 A										
Layout - Set Control Points	100%	1	26-Jul-22 A	26-Jul-22 A										
DELAY-Precast Approval / Field Verification Issue	100%	5	25-Jul-22 A	29-Jul-22 A										
Demobilization	0%	3	13-Nov-23	15-Nov-23							■ Demobilization			
Procurement		267	19-May-22 A	05-Jul-23	05-Jul-23, Procurement									
Material		40	19-May-22 A	05-Aug-22 A										
Precast Manholes	100%	5	08-Jun-22 A	14-Jun-22 A										
Generator	100%	5	19-May-22 A	17-Jun-22 A										
Pumps	100%	5	27-Jun-22 A	01-Jul-22 A										
Piping & Valves	100%	10	27-Jun-22 A	04-Jul-22 A										
Ready Mix Concrete	100%	10	22-Jul-22 A	04-Aug-22 A										
Rip Rap	100%	10	22-Jul-22 A	04-Aug-22 A										
Crushed Stone	100%	10	22-Jul-22 A	05-Aug-22 A										
Subcontractor		255	31-May-22 A	05-Jul-23	05-Jul-23, Subcontractor									
Electrical	100%	5	31-May-22 A	17-Jun-22 A										
Painting	100%	20	22-Jul-22 A	14-Oct-22 A										
Fencing	0%	17	09-Jun-23	05-Jul-23										
Seeding/Landscaping	0%	17	09-Jun-23	05-Jul-23										
Submittals		266	15-Jun-22 A	11-Jul-23	11-Jul-23, Submittals									
Generator	100%	5	17-Jun-22 A	20-Jun-22 A										
Electrical	100%	20	17-Jun-22 A	20-Jun-22 A										
Precast Manholes	100%	10	15-Jun-22 A	24-Jun-22 A										
Piping & Valves	100%	10	12-Jul-22 A	21-Jul-22 A										
Pumps	100%	20	21-Jul-22 A	05-Aug-22 A										
Receive Ready Mix Concrete	100%	10	05-Aug-22 A	11-Aug-22 A										
Receive Crushed Stone	100%	10	05-Aug-22 A	11-Aug-22 A										
Receive Rip Rap	100%	10	05-Aug-22 A	11-Aug-22 A										
Receive Painting	100%	10	26-Oct-22 A	08-Nov-22 A										
Receive Fencing	0%	4	06-Jul-23	11-Jul-23										
Receive Seeding/Landscaping	0%	4	06-Jul-23	11-Jul-23										
Submittal Approvals		269	20-Jun-22 A	25-Jul-23	25-Jul-23, Submittal Approvals									
Electrical	100%	20	20-Jun-22 A	21-Jun-22 A										

Remaining Level of Effort Remaining Work ◆ Milestone
Actual Level of Effort Critical Remaining Work Summary
Actual Work % Complete

KIMBELAND PUMP STATION IMPROVEMENTS

Data Date: 09-Jun-23

Activity Name	Activity % Complete	Planned Duration	Start	Finish	Qtr 2, 2023		Qtr 3, 2023			Qtr 4, 2023			Qtr 1, 2024	
					May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
Generator	100%	5	20-Jun-22 A	22-Jun-22 A										
Piping & Valves	100%	10	12-Jul-22 A	19-Jul-22 A										
Approve Precast Manholes	100%	10	27-Jun-22 A	25-Jul-22 A										
Approve Ready Mix Concrete	100%	10	11-Aug-22 A	12-Aug-22 A										
Approve Crushed Stone	100%	5	11-Aug-22 A	18-Aug-22 A										
Approve Rip Rap	100%	5	11-Aug-22 A	10-Nov-22 A										
Approve Pumps	100%	10	05-Aug-22 A	26-Jan-23 A										
Approve Painting	100%	5	26-Apr-23 A	27-Apr-23 A	Approve Painting									
Approve Fencing	0%	10	12-Jul-23	25-Jul-23										
Approve Seeding/Landscaping	0%	10	12-Jul-23	25-Jul-23										
Fabricate & Deliver		223	23-Jun-22 A	10-Aug-23										
Deliver Piping & Valves	100%	30	20-Jul-22 A	21-Aug-22 A										
Deliver Crushed Stone	100%	1	21-Aug-22 A	21-Aug-22 A										
Deliver Precast Manholes	100%	14	29-Jul-22 A	25-Aug-22 A										
Deliver Ready Mix Concrete	100%	1	21-Sep-22 A	21-Sep-22 A										
Deliver Rip Rap	100%	1	14-Nov-22 A	14-Nov-22 A										
Deliver Painting	100%	20	27-Apr-23 A	04-May-23 A	Deliver Painting									
Deliver Pumps	100%	90	27-Jan-23 A	11-May-23 A	Deliver Pumps									
Deliver Electrical	100%	225	24-Jun-22 A	12-May-23 A	Deliver Electrical									
Deliver Generator	100%	200	23-Jun-22 A	25-May-23 A	Deliver Generator									
Deliver Fencing	0%	10	26-Jul-23	08-Aug-23										
Deliver Seeding/Landscaping	0%	10	26-Jul-23	08-Aug-23										
Deliver Electric - MP Panel	0%	0	27-Jun-22 A	10-Aug-23										
Construction		275	18-Jul-22 A	13-Nov-23										
New Pump Station - Temp Construction		20	18-Jul-22 A	01-Aug-22 A										
Site Layout & Planning	100%	4	18-Jul-22 A	21-Jul-22 A										
Setup Traffic Control & Erosion Control	100%	2	25-Jul-22 A	27-Jul-22 A										
Install Construction Entrance	100%	1	27-Jul-22 A	28-Jul-22 A										
Establish Laydown Area	100%	1	28-Jul-22 A	01-Aug-22 A										
New Pump Station - Precast Structure		22	08-Aug-22 A	08-Sep-22 A										
Structural Excavation - Pre Dig	100%	2	08-Aug-22 A	09-Aug-22 A										
Rock Excavation	100%	5	09-Aug-22 A	18-Aug-22 A										
Underslab Fill & Sump Pump	100%	1	18-Aug-22 A	22-Aug-22 A										
Backfill - Wet Well	100%	5	25-Aug-22 A	06-Sep-22 A										
Install Precast Wet Well	100%	3	22-Aug-22 A	07-Sep-22 A										
Install Precast Valve Vault	100%	1	06-Sep-22 A	07-Sep-22 A										
Backfill - Wet Well & Valve Vault	100%	1	07-Sep-22 A	08-Sep-22 A										
New Pump Station - Underground Piping (1st Phase)		132	24-Aug-22 A	01-Jun-23 A										
16" DIP Wet Well to MH 2 (49 If)	100%	3	24-Aug-22 A	31-Aug-22 A										
Outside Drop @ MH2	100%	1	14-Sep-22 A	15-Sep-22 A										

 Remaining Level of Effort
  Remaining Work
  Milestone
  Actual Level of Effort
  Critical Remaining Work
  Summary
  Actual Work
  % Complete

KIMBELAND PUMP STATION IMPROVEMENTS

Data Date: 09-Jun-23

Activity Name	Activity % Complete	Planned Duration	Start	Finish	Qtr 2, 2023		Qtr 3, 2023			Qtr 4, 2023			Qtr 1, 2024	
					May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
Set MH2	100%	1	13-Sep-22 A	15-Sep-22 A										
Clearing @ Creek	100%	1	15-Sep-22 A	19-Sep-22 A										
16" MH2 to MH 1 (106 lf)	100%	6	19-Sep-22 A	23-Sep-22 A										
Set MH1	100%	1	26-Sep-22 A	26-Sep-22 A										
15" PVC From MH 2 to MH3	100%	1	28-Sep-22 A	29-Sep-22 A										
Set MH 3	100%	1	03-Oct-22 A	03-Oct-22 A										
Setup Bypass Pumping	100%	1	03-Oct-22 A	03-Oct-22 A										
Remove Bypass Pumping	100%	1	03-Oct-22 A	03-Oct-22 A										
10" FM from WW to 11.25 Bend	100%	2	10-Oct-22 A	12-Oct-22 A										
Concrete Encasement	100%	3	21-Sep-22 A	14-Oct-22 A										
Pour Manhole Inverts (MH1, MH2, MH3)	100%	1	31-Oct-22 A	01-Nov-22 A										
Rip Rap	100%	2	15-Nov-22 A	17-Nov-22 A										
8" Bypass Portal Line	100%	2	25-Apr-23 A	26-Apr-23 A										
Water Service	100%	2	22-May-23 A	01-Jun-23 A										
Phase 1 Testing		1	12-Jun-23	12-Jun-23										
Test Piping & Manholes	0%	1	12-Jun-23	12-Jun-23										
New Pump Station - Sitework		4	03-Apr-23 A	13-Jun-23										
Select Fill	90%	3	03-Apr-23 A	13-Jun-23										
Rough Grading	80%	1	10-Apr-23 A	13-Jun-23										
New Pump Station - Concrete Slabs		87	08-May-23 A	23-Oct-23										
16' x 14' Generator Pad	100%	3	16-May-23 A	18-May-23 A										
4' x 3' Bypass Pump Connection Pad	100%	1	17-May-23 A	18-May-23 A										
5' x 3' Backflow Preventor Pad	100%	1	23-May-23 A	24-May-23 A										
12' x 8' Electrical Transformer Pad	100%	1	08-May-23 A	24-May-23 A										
9' x 4' CP-01 Pad	100%	1	30-May-23 A	30-May-23 A										
Bollards	0%	1	12-Jun-23	12-Jun-23										
Concrete Approach	0%	4	16-Oct-23	23-Oct-23										
New Pump Station - Mechanical		29	03-Apr-23 A	22-Jun-23										
Valve Vault Piping	100%	3	03-Apr-23 A	11-Apr-23 A										
Wet Well Piping	100%	3	12-Apr-23 A	20-Apr-23 A										
Wet Well Lining	0%	3	07-Jun-23 A	14-Jun-23										
Install Pumps	0%	3	15-Jun-23	21-Jun-23										
Paint Piping	0%	3	15-Jun-23	21-Jun-23										
Test Piping & Manholes	0%	1	22-Jun-23	22-Jun-23										
Electrical		141	01-Sep-22 A	28-Jun-23										
Utility Company Set Transformer & Meter	100%	1	01-Sep-22 A	01-Sep-22 A										
Creek Crossing Conduit	100%	2	20-Sep-22 A	22-Sep-22 A										
Set Generator	0%	1	12-Jun-23	12-Jun-23										
Underground Conduit	0%	4	16-May-23 A	15-Jun-23										
Set Electrical Equipment	0%	4	12-Jun-23	15-Jun-23										
Pull Wires	0%	3	20-Jun-23	22-Jun-23										

Bypass Portal Line

Water Service

12-Jun-23, Phase 1 Testing

Test Piping & Manholes

13-Jun-23, New Pump Station - Sitework

Select Fill

Rough Grading

23-Oct-23, New Pump Station - Concrete Slabs

16' x 14' Generator Pad

4' x 3' Bypass Pump Connection Pad

5' x 3' Backflow Preventor Pad

12' x 8' Electrical Transformer Pad

9' x 4' CP-01 Pad

Bollards

Concrete Approach

22-Jun-23, New Pump Station - Mechanical

Piping

Well Piping

Wet Well Lining

Install Pumps

Paint Piping

Test Piping & Manholes



28-Jun-23, Electrical



Set Generator


Underground Conduit

Set Electrical Equipment

Pull Wires

 Remaining Level of Effort
  Remaining Work
  Milestone
  Summary

 Actual Level of Effort
  Critical Remaining Work
  % Complete

 Actual Work



KIMBELAND PUMP STATION IMPROVEMENTS

Data Date: 09-Jun-23

Activity Name	Activity % Complete	Planned Duration	Start	Finish	Qtr 2, 2023		Qtr 3, 2023			Qtr 4, 2023			Qtr 1, 2024	
					May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
Make Final Terminations	0%	3	26-Jun-23	28-Jun-23										
Tie-Into New Pump Station		30	14-Aug-23	04-Oct-23										
Temp Bypass Line Portal to Exst. 12" FM	0%	4	14-Aug-23	17-Aug-23										
Divert Hwy 61 LS Flow into MH-1	0%	6	21-Aug-23	29-Aug-23										
Divert 8" Sewer from Exst. MH into MH-1	0%	2	30-Aug-23	31-Aug-23										
Divert 15" PVC Flow into new MH-3	0%	1	05-Sep-23	05-Sep-23										
Shut Down Existing Pump Station	0%	1	05-Sep-23	05-Sep-23										
Tie-In: New Tee & Valve on Exst. 10" FM near MH-3	0%	1	06-Sep-23	06-Sep-23										
Tie-In: 10" DIP to New Valve Vault	0%	2	07-Sep-23	11-Sep-23										
Tie-In: Install New 10" DIP Bypass at Exst. Lift Stati	0%	3	12-Sep-23	14-Sep-23										
Tie-In: Install 8" Gravity & MH 7D-016	0%	4	18-Sep-23	21-Sep-23										
Remove Temp Bypass of 8" Sewer	0%	1	25-Sep-23	25-Sep-23										
Install 10" From New Tee to MH-3	0%	1	26-Sep-23	26-Sep-23										
Complete Demo of Existing Pump Station	0%	3	27-Sep-23	02-Oct-23										
Rip Rap - East Side	0%	2	03-Oct-23	04-Oct-23										
Work after substantial Completion		20	05-Oct-23	13-Nov-23										
Chain Link Fence	0%	4	05-Oct-23	12-Oct-23										
Remove Gravel Road	0%	2	23-Oct-23	25-Oct-23										
Landscaping	0%	2	25-Oct-23	30-Oct-23										
Final Grading & Seeding	0%	3	30-Oct-23	02-Nov-23										
Final Clean Up	0%	5	02-Nov-23	13-Nov-23										
Start-Up		54	29-Jun-23	04-Oct-23										
Dry Run Start-Up	0%	2	29-Jun-23	03-Jul-23										
Wet Run Start-Up	0%	2	27-Sep-23	28-Sep-23										
Commissioning	0%	2	02-Oct-23	03-Oct-23										
Training	0%	1	04-Oct-23	04-Oct-23										

Remaining Level of Effort Remaining Work Milestone Summary
Actual Level of Effort Critical Remaining Work
Actual Work % Complete