



MEMORANDUM



TO: Carl E. Geffken, City Administrator
CC: Jeff Dingman, Deputy City Administrator
FROM: Lance A. McAvoy, Director of Water Utilities
DATE: December 1, 2023
SUBJECT: Riverfront Drive Utilities Extension Project 20-21-C1 Change Order No.2

SUMMARY

On September 7, 2021 the Board of Directors approved the bid of Goodwin & Goodwin Inc. in the amount of \$1,941,825.00. The scope of this project consists of extending a 12-inch water line along Riverfront Drive (State Hwy 255) from P Street to Spradling Avenue and installing a sewer pump station and approximately 600 feet of sewer force main to service a proposed RV Park that is approximately 500 feet north of the Riverfront Drive and P Street intersection.

Change Order One was approved November 1, 2022 adding 45 days to Schedule 1 and \$17,300.00 to the contract price, adjusting the time for substantial completion to 195 days and the contract amount to \$1,959,125.00

Change Order Two and the final payment are being submitted without the Contractor's signature due to a dispute over liquidated damages. The contract was 62 days over the substantial completion period and 3 days over the final completion period. The resulting Liquidated Damages totaled \$31,750.00 which is shown as a deduction on the final pay request..

Change Order Two is a reconciliation change order that adjusts contract quantities to actual quantities which results in a contract price decrease of \$9,290.00 and adds an additional 60 days to the contract time. The new adjusted contract substantial completion date for Schedule 1 will be March 2, 2023.

A Resolution authorizing the Mayor to execute a Change Order Number Two reducing the contract in the amount of \$9,290.00. and 60 additional days to the contract time is attached.

The funding for this project is available through 2018 Revenue Bonds.

Please contact me should you or members of the Board have any questions or desire additional information.

ATTACHMENTS

1. [Resolution_approving_reconciliation_CO \(1\).pdf](#)
2. [20-21-C1 Change Order No. 2.pdf](#)
3. [20-21-C1 Board Exhibit.pdf](#)

FISCAL IMPACT:

Deductive Change Order

RESOLUTION NO. _____

RESOLUTION AUTHORIZING THE MAYOR TO EXECUTE CHANGE ORDER NO. 2
WITH GOODWIN & GOODWIN, INC., FOR THE
RIVERFRONT DRIVE UTILITIES EXTENSION PROJECT 20-21-C1

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE CITY OF FORT
SMITH, ARKANSAS, that:

SECTION 1: Change Order Number Two with Goodwin & Goodwin, Inc. for the
construction of Riverfront Drive Utilities Extension, Project 20-21-C1, is hereby approved.

SECTION 2: The Mayor is hereby authorized to execute Change Order Number Two
with Goodwin & Goodwin reducing the contract amount by \$9,290.00 and adding 60 days,
adjusting the total contract amount to \$1,941,825.00 and 285 days for Final completion.

This Resolution adopted this _____ day of December 2023.

APPROVED:

Mayor

ATTEST:

City Clerk

APPROVED AS TO FORM:



npr



CHANGE ORDER
RIVERFRONT DRIVE UTILITIES EXTENSION

Project: Riverfront Drive Utilities Extension
Project No.: 20-21-C1
Owner: City of Fort Smith, Arkansas
Contractor: Goodwin & Goodwin, Inc.

Order No.: 2
Date: 10/13/2023
Contract Date: 9/7/2021

THE FOLLOWING CHANGES ARE HEREBY MADE TO THE CONTRACT DOCUMENTS:

Schedule I

Table with 6 columns: Item No., Description, Quantity, Unit, Unit Price, Amount of Bid. Rows include Rock Excavation (Trenches) and Move & Reconstruct Fence (4' Tall Welded Pipe).

Schedule II

Table with 6 columns: Item No., Description, Quantity, Unit, Unit Price, Amount of Bid. Rows include Rock Excavation (Trenches) and Solid Sod.

Total of Sch I and Sch II -\$9,290.00

1) Schedule I Additional Contract Time - Generator Delivery Delay 60
Total Number of Days (ADD) (DELETE) 60

JUSTIFICATION:

This change order is processed to reconcile quantities and adjust the contract time.

CHANGE TO CONTRACT PRICE:

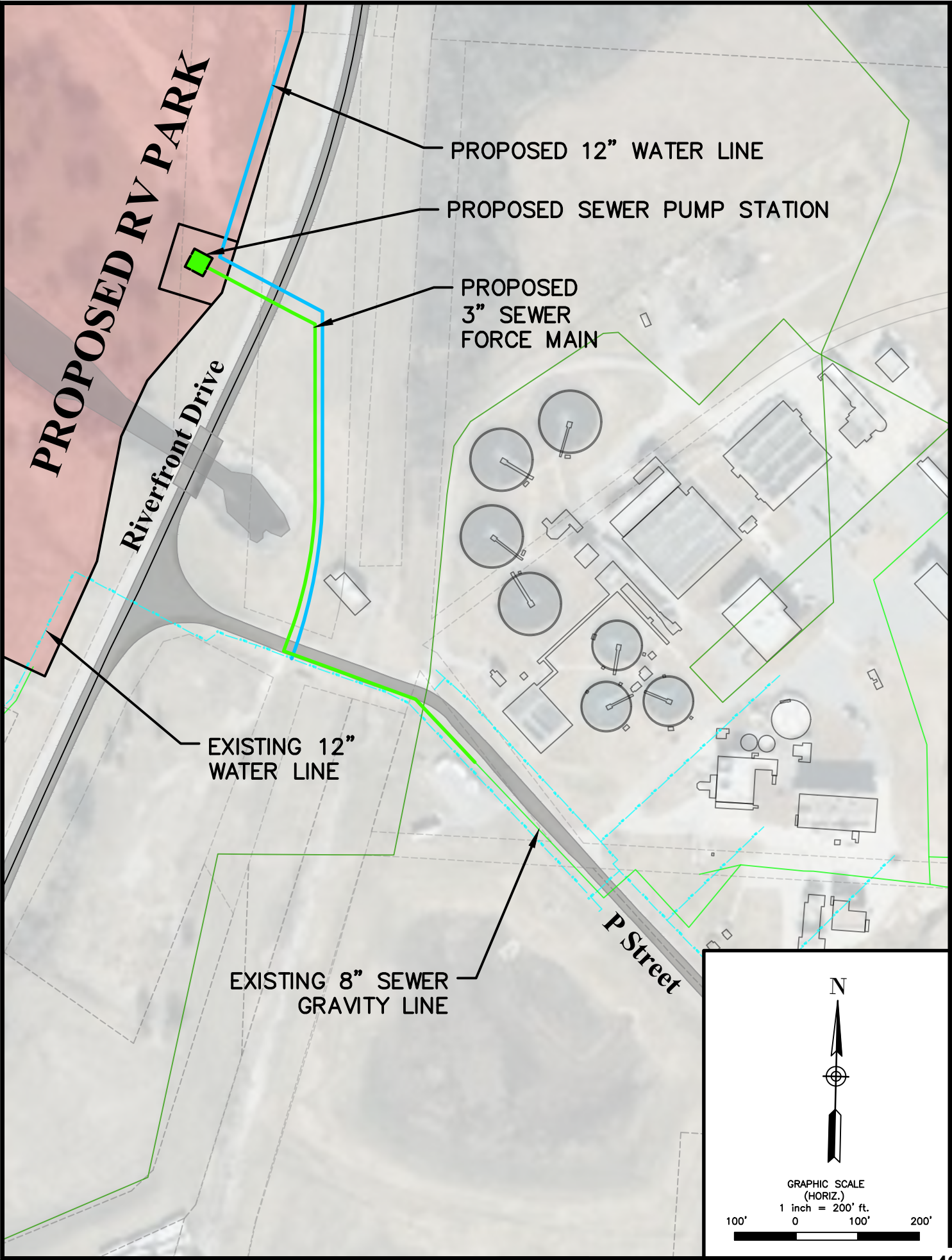
Table showing contract price adjustments: Total of Schedule I and II Original Contract Price (\$ 1,941,825.00), Current Contract Price Adjusted by Previous Change Orders (\$ 1,959,125.00), and The New Contract Price for Schedule I and II Including this Change Order will be (\$ 1,949,835.00).

CHANGE TO CONTRACT TIME:

The Contract Time for Schedule I will be (Increased) (Decreased) by 60 Calendar Days
The revised Substantial Completion date for Schedule I is March 2, 2023.
The revised Final Completion date for Schedule I is June 2, 2023.
The Contract Period for Schedule I Including this Change Order shall be 255 Calendar Days
The Contract Time for Schedule II will be (Increased) (Decreased) by 0 Calendar Days
The Substantial Completion date for Schedule II is November 8, 2022.
The Final Completion date for Schedule II is December 8, 2022.
The Contract Period for Schedule II Including this Change Order shall be 150 Calendar Days

APPROVALS:

by _____ date _____
Engineer: Hawkins-Weir Engineers, Inc.
by _____ date _____
Contractor: Goodwin & Goodwin, Inc.
by _____ date _____
Owner: City of Fort Smith, Arkansas



PROPOSED RV PARK

Riverfront Drive

PROPOSED 12" WATER LINE

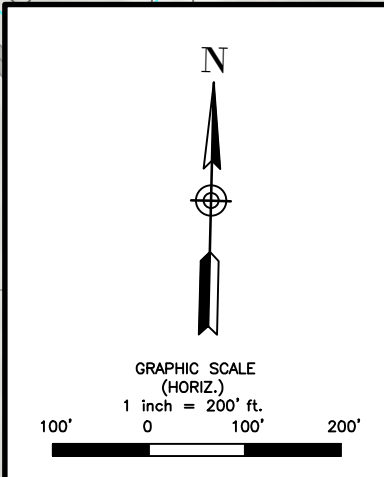
PROPOSED SEWER PUMP STATION

PROPOSED
3" SEWER
FORCE MAIN

EXISTING 12"
WATER LINE

EXISTING 8" SEWER
GRAVITY LINE

P Street



**RIVERFRONT
PARK**

Spradling Ave.

EXISTING 8"
WATER LINE

PROPOSED 12" WATERLINE

Riverfront Drive

EXISTING SEWER
FORCE MAIN

PROPOSED SEWER PUMP STATION

PROPOSED 12" WATER LINE

PROPOSED 3" SEWER FORCE MAIN

**PROPOSED
RV PARK**

EXISTING 8"
SEWER GRAVITY
LINE

EXISTING 12"
WATER LINE

P Street

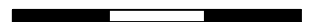
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GRAPHIC SCALE
(HORIZ.)

1 inch = 500' ft.

250' 0 250' 500'





MEMORANDUM



TO: Carl E. Geffken, City Administrator
CC: Jeff Dingman, Deputy City Administrator
FROM: Lance A. McAvoy, Director of Water Utilities
DATE: December 1, 2023
SUBJECT: Riverfront Drive Utilities Extension Project 20-21-C1 Final Pay

SUMMARY

On September 7, 2021 the Board of Directors approved the bid of Goodwin & Goodwin Inc. in the amount of \$1,941,825.00. The scope of this project consists of extending a 12-inch water line along Riverfront Drive (State Hwy 255) from P Street to Spradling Avenue and installing a sewer pump station and approximately 600 feet of sewer force main to service a proposed RV Park that is approximately 500 feet north of the Riverfront Drive and P Street intersection.

Change Order One was approved November 1, 2022 adding 45 days to Schedule 1 and \$17,300.00 to the contract price, adjusting the time for substantial completion to 195 days and the contract amount to \$1,959,125.00.

Change Order Two and the final payment are being submitted without the Contractor's signature due to a dispute over liquidated damages. The contract was 62 days over the substantial completion period and 3 days over the final completion period. The resulting Liquidated Damages totaled \$31,750.00 which is shown as a deduction on the final pay request.

Change Order Two is a reconciliation change order that adjusts contract quantities to actual quantities which results in a contract price decrease of \$9,290.00 and adds an additional 60 days to the contract time. The new adjusted contract substantial completion date for Schedule 1 will be March 2, 2023.

Attached is a resolution accepting the project as complete and authorizing the final payment in the amount of \$159,269.25 to Goodwin & Goodwin Inc. The funding for this project is available through 2018 Revenue Bonds. Please contact me should you or members of the Board have any questions or desire additional information.

ATTACHMENTS

1. [20-21-C1_Resolution_accept_project_as_complete_and_auth_final_pymt_to_GG_Inc \(1\).pdf](#)
2. [20-21-C1 Pay Request No. 7 \(Final\).pdf](#)
3. [20-21-C1 Board Exhibit.pdf](#)

FISCAL IMPACT: \$159,269.25

BUDGET INFORMATION: *Budgeted / Water Utilities - 2018 Revenue Bonds*

RESOLUTION NO. _____

RESOLUTION ACCEPTING THE PROJECT AS COMPLETE AND AUTHORIZING FINAL PAYMENT TO GOODWIN & GOODWIN, INC., FOR CONSTRUCTION OF THE RIVERFRONT DRIVE UTILITIES EXTENSION PROJECT NUMBER 20-21-C1

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE CITY OF FORT SMITH, ARKANSAS, that:

SECTION 1: The construction of the Riverfront Drive Utilities Extension, Project Number 20-21-C1, is accepted as complete.

SECTION 2: Final payment to Goodwin & Goodwin, Inc., in the amount of \$159,269.25, is hereby approved.

This Resolution adopted this _____ day of December 2023.

APPROVED:

Mayor

ATTEST:

City Clerk

APPROVED AS TO FORM:



npr

PERIODIC PAYMENT REQUEST NO. 7 (FINAL)
RIVERFRONT DRIVE UTILITIES EXTENSION
PROJECT NUMBER 20-21-C1

DATE: 10/13/2023
PERIOD: 3/1/23 to 6/5/23

OWNER: CITY OF FORT SMITH, ARKANSAS
801 CARNALL AVENUE, SUITE 500
FORT SMITH, ARKANSAS 72901
479.494.3900

CONTRACTOR: GOODWIN & GOODWIN, INC.
3503 FREE FERRY ROAD
FORT SMITH, AR 72903
479.783.7333

ENGINEER: HAWKINS-WEIR ENGINEERS, INC.
P.O. BOX 648
VAN BUREN, ARKANSAS 72957
479.474.1227

SCHEDULE I

ITEM NO.	DESCRIPTION	QUAN/UNIT	UNIT PRICE	AMOUNT OF BID	PERIOD	TO DATE	AMOUNT EARNED	UNUSED BALANCE
1.	Performance & Payment Bond	1 LS	\$17,000.00	\$17,000.00	0	1	\$17,000.00	\$0.00
2.	Maintenance of Traffic and Traffic Control	1 LS	\$5,000.00	\$5,000.00	0	1.00	\$5,000.00	\$0.00
3.	Construction Erosion Control	1 LS	\$5,000.00	\$5,000.00	0.10	1.00	\$5,000.00	\$0.00
4.	Site Preparation	1 LS	\$15,000.00	\$15,000.00	0	1.00	\$15,000.00	\$0.00
5.	Clearing and Grubbing	1 LS	\$15,000.00	\$15,000.00	0	1.00	\$15,000.00	\$0.00
6.	Trench or Excavation Safety System	1 LS	\$20,000.00	\$20,000.00	0	1.00	\$20,000.00	\$0.00
7.	Select Backfill (Trenches)	325 CY	\$30.00	\$9,750.00	0	325	\$9,750.00	\$0.00
8.	Granular Backfill (Trenches)	20 CY	\$45.00	\$900.00	0	20	\$900.00	\$0.00
9.	Rock Excavation (Trenches)	15 CY	\$125.00	\$1,875.00	0	0	\$1,875.00	\$0.00
10.	Pipe Casing – 8" Steel (Bored)	270 LF	\$400.00	\$108,000.00	0	270	\$108,000.00	\$0.00
11.	Pipe Casing – 17" to 24" Steel (Bored)	110 LF	\$600.00	\$66,000.00	0	110	\$66,000.00	\$0.00
12.	Flowable Fill	80 CY	\$125.00	\$10,000.00	0	80	\$10,000.00	\$0.00
13.	Seeding, Fertilizing, & Mulching	2,900 SY	\$3.00	\$8,700.00	500	2,900	\$8,700.00	\$0.00
14.	Gravel Base Course for Driveway (4" Thickness)	15 SY	\$15.00	\$225.00	0	15	\$225.00	\$0.00
15.	Surface Patch	70 SY	\$25.00	\$1,750.00	0	70	\$1,750.00	\$0.00
16.	Deep Patch	70 SY	\$65.00	\$4,550.00	0	70	\$4,550.00	\$0.00
17.	Water Pipe (12-Inch, Ductile Iron, Class 350, Zinc Coating) Open Cut	1,050 LF	\$95.00	\$99,750.00	0	1,050	\$99,750.00	\$0.00
18.	Ductile Iron Fittings	650 LBS	\$15.00	\$9,750.00	0	650	\$9,750.00	\$0.00
19.	Gate Valve with Box (12-Inch)	1 EA	\$4,000.00	\$4,000.00	0	1	\$4,000.00	\$0.00
20.	Tapping Sleeve and Valve with Box (12-Inch x 12-Inch)	1 EA	\$10,000.00	\$10,000.00	0	1	\$10,000.00	\$0.00
21.	Fire Hydrant Assembly (Regular)	2 EA	\$6,000.00	\$12,000.00	0	2	\$12,000.00	\$0.00
22.	Polyethylene Wrap (12-Inch)	1,050 LF	\$3.00	\$3,150.00	0	1,050	\$3,150.00	\$0.00
23.	Underground Air Valve System (Complete per detail)	2 EA	\$22,000.00	\$44,000.00	0	2	\$44,000.00	\$0.00
24.	3-Inch HDPE DR-11 Force Main, including Fittings	1,095 LF	\$23.00	\$25,185.00	0	1,095	\$25,185.00	\$0.00
25.	Connect Sewer Main Pipe to Existing Manhole	1 EA	\$2,000.00	\$2,000.00	0	1	\$2,000.00	\$0.00
26.	Move & Reconstruct Fence (4' Tall Welded Pipe)	40 LF	\$50.00	\$2,000.00	0	0	\$2,000.00	\$0.00
27.	Duplex Grinder Pump Station	1 LS	\$575,000.00	\$575,000.00	0.15	1.00	\$575,000.00	\$0.00
28.	Over Excavation and Backfill with Oversized Rock	30 CY	\$85.00	\$2,550.00	0	30	\$2,550.00	\$0.00
TOTAL				\$1,078,135.00			\$1,078,135.00	\$0.00

SCHEDULE II

ITEM NO.	DESCRIPTION	QUAN/UNIT	UNIT PRICE	AMOUNT OF BID	PERIOD	TO DATE	AMOUNT EARNED	UNUSED BALANCE
1.	Performance & Payment Bond	1 LS	\$15,000.00	\$15,000.00	0	1	\$15,000.00	\$0.00
2.	Maintenance of Traffic and Traffic Control	1 LS	\$5,000.00	\$5,000.00	0.0	1	\$5,000.00	\$0.00
3.	Construction Erosion Control	1 LS	\$5,000.00	\$5,000.00	0	1	\$5,000.00	\$0.00
4.	Site Preparation	1 LS	\$20,000.00	\$20,000.00	0	1	\$20,000.00	\$0.00
5.	R&D of Storm Drain Pipe (up to 24")	17 LF	\$20.00	\$340.00	0	17	\$340.00	\$0.00
6.	Clearing and Grubbing	1 LS	\$15,000.00	\$15,000.00	0	1	\$15,000.00	\$0.00
7.	Trench or Excavation Safety System	1 LS	\$20,000.00	\$20,000.00	0	1	\$20,000.00	\$0.00
8.	Select Backfill (Trenches)	425 CY	\$30.00	\$12,750.00	0	425	\$12,750.00	\$0.00
9.	Rock Excavation (Trenches)	35 CY	\$125.00	\$4,375.00	0	0	\$4,375.00	\$0.00
10.	Pipe Casing – 17" to 24" Steel (Bored)	489 LF	\$600.00	\$293,400.00	0	489	\$293,400.00	\$0.00
11.	Flowable Fill	25 CY	\$125.00	\$3,125.00	0	25	\$3,125.00	\$0.00
12.	Seeding, Fertilizing, & Mulching	6,900 SY	\$3.00	\$20,700.00	3,400	6,900	\$20,700.00	\$0.00
13.	Solid Sodding	130 SY	\$8.00	\$1,040.00	0	0	\$1,040.00	\$0.00
14.	Aggregate Base Course for Driveways (4" Thickness)	15 SY	\$15.00	\$225.00	0	15	\$225.00	\$0.00
15.	24" RCP Class III	17 LF	\$80.00	\$1,360.00	0	17	\$1,360.00	\$0.00
16.	Water Pipe (8-Inch, Ductile Iron, Class 350, Zinc Coating) Open Cut	25 LF	\$90.00	\$2,250.00	0	25	\$2,250.00	\$0.00
17.	Water Pipe (12-Inch, Ductile Iron, Class 350, Zinc Coating) Open Cut	2,950 LF	\$95.00	\$280,250.00	0	2,950	\$280,250.00	\$0.00
18.	Ductile Iron Fittings	2,180 LBS	\$15.00	\$32,700.00	0	2,180	\$32,700.00	\$0.00
19.	Gate Valve with Box (12-Inch)	4 EA	\$4,000.00	\$16,000.00	0	4	\$16,000.00	\$0.00
20.	Fire Hydrant Assembly (Regular)	6 EA	\$6,000.00	\$36,000.00	0	6	\$36,000.00	\$0.00
21.	Connection to Existing Water Line (8-Inch)	1 EA	\$3,000.00	\$3,000.00	0	1	\$3,000.00	\$0.00
22.	Polyethylene Wrap (8-Inch)	25 LF	\$3.00	\$75.00	0	25	\$75.00	\$0.00
23.	Polyethylene Wrap (12-Inch)	2,950 LF	\$3.00	\$8,850.00	0	2,950	\$8,850.00	\$0.00
24.	Air Release Valve with Vault	3 EA	\$22,000.00	\$66,000.00	0	3.0	\$66,000.00	\$0.00
25.	Move & Reconstruct Fence (4' Tall Barbed Wire)	25 LF	\$50.00	\$1,250.00	0	25	\$1,250.00	\$0.00
TOTAL				\$863,690.00			\$863,690.00	\$0.00

PERIODIC PAYMENT REQUEST NO. 7 (FINAL)
RIVERFRONT DRIVE UTILITIES EXTENSION
PROJECT NUMBER 20-21-C1

TOTAL OF SCHEDULE I AND II	\$1,941,825.00
TOTAL CHANGE ORDERS TO DATE	\$8,010.00
ADJUSTED CONTRACT AMOUNT	\$1,949,835.00
COST OF CONTRACT PERFORMED TO DATE	\$1,941,825.00
COST OF CHANGE ORDERS PERFORMED TO DATE	\$8,010.00
TOTAL WORK TO DATE	\$1,949,835.00
MATERIALS STORED	\$0.00
RETAINAGE, 5% OF WORK COMPLETED	\$0.00
TOTAL DUE TO DATE	\$1,949,835.00
LESS PREVIOUS PAYMENTS	\$1,758,815.75
LESS LIQUIDATED DAMAGES TO DATE	(\$31,750.00)

BALANCE DUE THIS ESTIMATE	\$159,269.25

PERCENT OF CONTRACT COMPLETE	100%
PERCENT OF TIME EXPENDED TO DATE - SCHEDULE I	111%
PERCENT OF TIME EXPENDED TO DATE - SCHEDULE II	63%

RECOMMENDED BY: ENGINEER HAWKINS-WEIR ENGINEERS, INC. DATE

APPROVED BY: CONTRACTOR GOODWIN & GOODWIN, INC. DATE

APPROVED BY: OWNER CITY OF FORT SMITH, ARKANSAS DATE

CHANGE ORDERS									
CHANGE ORDER NO. 1									
The following items are added to the Project:									
ITEM NO	DESCRIPTION	QUAN	UNIT	UNIT PRICE	AMOUNT BID	PERIOD	TO DATE	AMOUNT EARNED	UNUSED BALANCE
Item 1	Revise 3-inch Diameter DIP to Stainless Steel	1	LS	\$17,300.00	\$17,300.00	0%	100%	\$17,300.00	\$0.00
SUB-TOTAL CHANGE ORDER NO. 1					ADD			\$17,300.00	\$0.00

CHANGE ORDERS									
CHANGE ORDER NO. 2									
The following items are added to the Project:									
ITEM NO	DESCRIPTION	QUAN	UNIT	UNIT PRICE	AMOUNT BID	PERIOD	TO DATE	AMOUNT EARNED	UNUSED BALANCE
<u>Sch I</u>									
9.	Rock Excavation (Trenches)	15	CY	\$125.00	\$1,875.00	0	0	-\$1,875.00	-\$1,875.00
23.	Move & Reconstruct Fence (4' Tall Welded Pipe)	40	LF	\$50.00	\$2,000.00	0	0	-\$2,000.00	-\$2,000.00
								Subtotal	-\$3,875.00
<u>Sch II</u>									
9.	Rock Excavation (Trenches)	35	CY	\$125.00	\$4,375.00	0	0	-\$4,375.00	-\$4,375.00
13.	Solid Sod	130	SY	\$8.00	\$1,040.00	0	0	-\$1,040.00	-\$1,040.00
								Subtotal	-\$5,415.00
Add 60 Additional Days to Schedule I									60 Days
SUB-TOTAL CHANGE ORDER NO. 2					DELETE			TOTAL	-\$9,290.00

SCHEDULE I	
WORK ORDER DATE	6/20/2022
DATE OF THIS PAY ESTIMATE OR SUBSTANTIAL COMPLETION DATE IF ESTABLISHED	5/3/2023
DAYS UTILIZED TO DATE	317
DAYS ALLOWED, CONTRACT PLUS EXTENSIONS UNTIL SUBSTANTIAL COMPLETION (C.O. No. 1 Add 45 Days) (C.O. No. 2 Add 60 Days)	255
DAYS ALLOWED, CONTRACT PLUS EXTENSIONS UNTIL FINAL COMPLETION	285
PER DAY LIQUIDATED DAMAGES ESTABLISHED BY CONTRACT UNTIL SUBSTANTIAL COMPLETION	\$500.00
PER DAY LIQUIDATED DAMAGES ESTABLISHED BY CONTRACT UNTIL FINAL COMPLETION	\$250.00
DAYS REMAINING OR DAYS OVER (-) SUBSTANTIAL COMPLETION	-62
DAYS REMAINING OVER (-) FINAL COMPLETION	-3
LIQUIDATED DAMAGES TO DATE	-\$31,750.00

PERIODIC PAYMENT REQUEST NO. 7 (FINAL)
RIVERFRONT DRIVE UTILITIES EXTENSION
PROJECT NUMBER 20-21-C1

SCHEDULE II

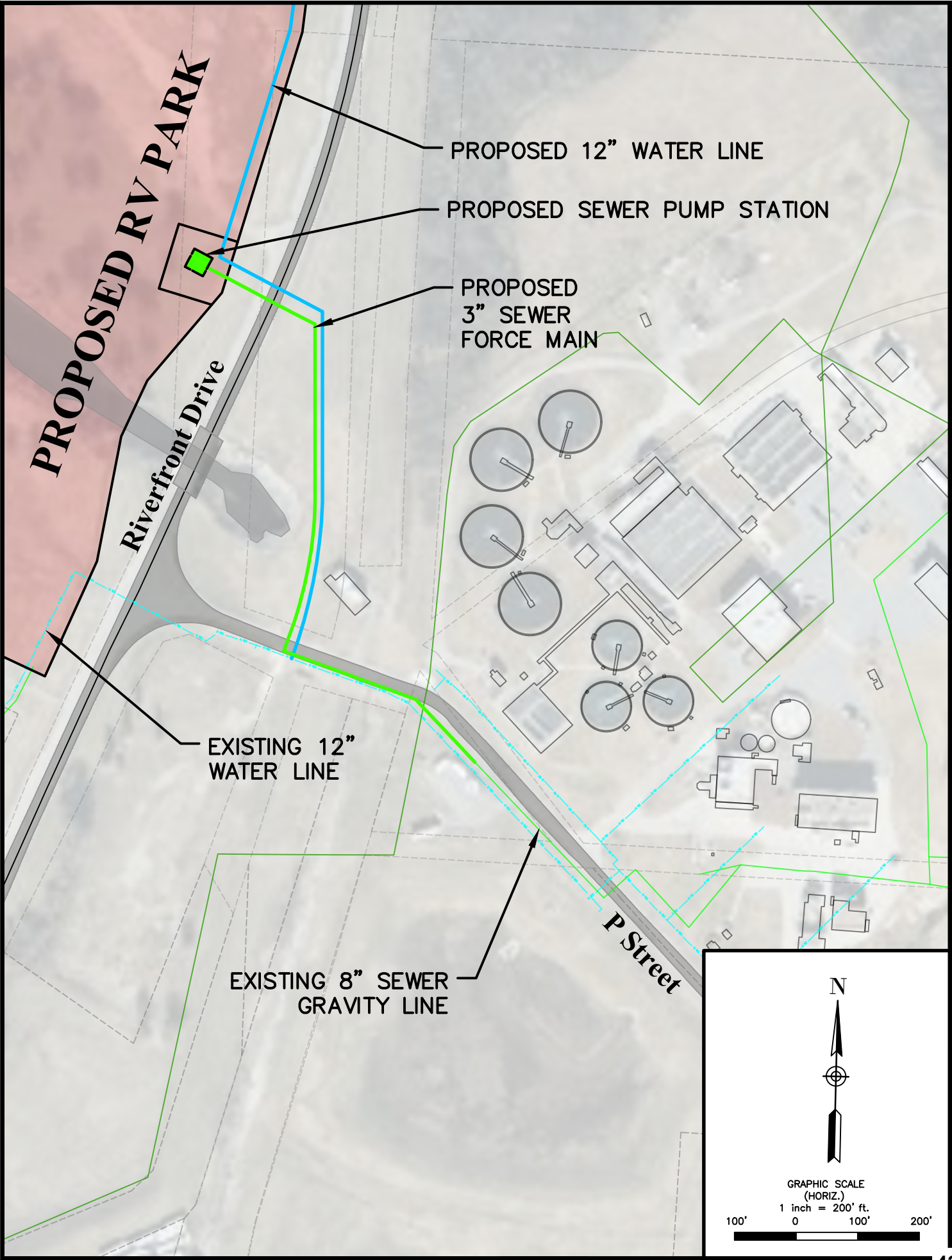
WORK ORDER DATE	7/11/2022
DATE OF THIS PAY ESTIMATE OR SUBSTANTIAL COMPLETION DATE IF ESTABLISHED	11/2/2022
DAYS UTILIZED TO DATE	114
DAYS ALLOWED, CONTRACT PLUS EXTENSIONS UNTIL SUBSTANTIAL COMPLETION	150
DAYS ALLOWED, CONTRACT PLUS EXTENSIONS UNTIL FINAL COMPLETION	180
PER DAY LIQUIDATED DAMAGES ESTABLISHED BY CONTRACT UNTIL SUBSTANTIAL COMPLETION	\$500.00
PER DAY LIQUIDATED DAMAGES ESTABLISHED BY CONTRACT UNTIL FINAL COMPLETION	\$250.00
DAYS REMAINING OR DAYS OVER (-)	36
LIQUIDATED DAMAGES TO DATE	0

In consideration of the payment of the sum of \$159,269.25 which sum represents the full amount of retainage and the balance of the contract price owed by the Owner to the Contractor, the Contractor does hereby:

- 1 Certify to the Owner that the firm, persons, corporations, or other entities which have furnished labor, equipment, or materials to the project have been paid in full for the labor, equipment or materials provided.
- 2 Release, waive, and forever quit claim unto the Owner, its successors and assigns, any and all manner of liens of any nature against the property of the Owner which the Contractor has or may have by virtue of the labor or materials furnished by the Contractor under this contract.
- 3 Agree to indemnify and hold the Owner harmless against any loss, damage, claim, or cost, including reasonable attorney's fees, incurred by the Owner due to any lien asserted by a party who alleges to have furnished labor or materials to the project.
- 4 Agree to be responsible for repairs on any of the improvements covered within the contract agreement due to faulty workmanship and/or materials for a period of one year beginning May 3, 2023, and thus ending on May 2, 2024.

Witness:

Goodwin & Goodwin, Inc.



PROPOSED RV PARK

Riverfront Drive

P Street

PROPOSED 12" WATER LINE

PROPOSED SEWER PUMP STATION

PROPOSED
3" SEWER
FORCE MAIN

EXISTING 12"
WATER LINE

EXISTING 8" SEWER
GRAVITY LINE

N

GRAPHIC SCALE
(HORIZ.)

1 inch = 200' ft.

100' 0 100' 200'

**RIVERFRONT
PARK**

Spradling Ave.

EXISTING 8"
WATER LINE

PROPOSED 12" WATERLINE

Riverfront Drive

EXISTING SEWER
FORCE MAIN

PROPOSED SEWER PUMP STATION

PROPOSED 12" WATER LINE

PROPOSED 3" SEWER FORCE MAIN

**PROPOSED
RV PARK**

EXISTING 8"
SEWER GRAVITY
LINE

EXISTING 12"
WATER LINE

P Street

N



GRAPHIC SCALE
(HORIZ.)

1 inch = 500' ft.

250' 0 250' 500'

