



Agenda

City Council Regular Session

Monday, May 8, 2023 - 7:00 PM
Council Chambers

I. Call to Order

II. Invocation and Pledge of Allegiance

A. COUNCIL MEMBER GENE GENTRUP

III. Roll Call

IV. Approve Minutes and Summaries

V. Citizens' Participation

VI. Meeting Schedule

VII. Consent Agenda

A. MOTION TO PURCHASE A FORD F250 4X4 SUPER CAB PICKUP AND A FORD F250 4X4 CREW CAB PICKUP EXTENDED CAB FROM BLUE SPRINGS FORD FOR ANIMAL CONTROL IN AN AMOUNT NOT TO EXCEED \$104,906.00

VIII. Public Hearings

IX. Ordinances, Contracts and Resolutions

- A. ACKNOWLEDGEMENT OF VENDOR PAYMENTS FOR THE PERIOD OF APRIL 14, 2023 TO APRIL 28, 2023
- B. ORDINANCE AMENDING ORDINANCE NO. 11722, APPROVING A CONTRACT WITH SUPERIOR BOWEN ASPHALT COMPANY, LLC FOR CITY OF LIBERTY PROJECT PW-CIP-23-003 2023 STREET MAINTENANCE PAVEMENT RESTORATION
- C. ORDINANCE AMENDING ORDINANCE NO. 11645, AMENDING AN AGREEMENT WITH JCI INDUSTRIES, INC FOR MBT 1 IMPROVEMENTS
- D. ORDINANCE AMENDING ORDINANCE NO. 11556 APPROVING A CONTRACT BETWEEN THE CITY OF LIBERTY AND VSM ENGINEERING FOR THE MISSISSIPPI ST AND LIBERTY DR DESIGN PROJECT BY ADDING THE DESIGN OF A WATERMAIN ALONG MISSISSIPPI ST
- E. ORDINANCE APPROVING AN AMENDMENT TO THE CODE OF THE CITY OF LIBERTY, MISSOURI, CHAPTER 25 – STREETS AND SIDEWALKS, ARTICLE IV- SIDEWALKS, SECTION 25-21

X. Other Business

A. MEMORANDUM ON MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) AUDIT AND GENERAL PROGRAM UPDATE

- XI. Miscellaneous Matters from City Administrator**
- XII. Miscellaneous Matters from Mayor and City Council**
- XIII. Adjournment**

**ADA Accessible entrance is available from Missouri Street at the Police Department entrance.
An elevator will provide access to the second floor – Council Chambers**



**CITY COUNCIL
ACTION REPORT**
Meeting Date: May 8, 2023
A/R No.: 2023-521

Department: Administration

Submitted By: Shawwna Funderburk,
Chief Strategic Operations Officer

Subject: MOTION TO PURCHASE A FORD F250 4X4 SUPER CAB PICKUP AND A FORD F250 4X4 CREW CAB PICKUP EXTENDED CAB FROM BLUE SPRINGS FORD FOR ANIMAL CONTROL IN AN AMOUNT NOT TO EXCEED \$104,906.00

Summary:

- Purchase one Ford F250 4x4 Super Cab Pickup for \$51,464.00 from Blue Springs Ford.
- Purchase one Ford F250 4x4 Crew Cab Pickup Extended Cab for \$53,442.00 from Blue Springs Ford.
- Animal Control's two current vehicles (Ford F150 and GMC Sierra Van) are 10 years old and almost 20 years old respectively.
- Staff had a two-day window in November 2022 to order these F250s with no guarantee of the vehicles being built or obtained by the City of Liberty.
- Blue Springs Ford required a Purchase Order Request Form for \$104,906.00 for the City to order the two F250s.
- Blue Springs Ford was the only area dealership that allowed the City to order these F250s for Animal Control.
- The vehicle chip shortage has delayed these F250s from being built.
- The Ford F250 4x4 Super Cab Pickup for \$51,464.00 has been built and requires full payment at this time.
- The Ford F250 4x4 Crew Cab Pickup Extended Cab for \$53,442.00 has not been built but staff is requesting City Council authorization at this time for payment if it is built.

Background:

Animal Control's two current vehicles (Ford F150 and GMC Sierra Van) are 10 years old and almost 20 years old respectively. Animal Control staff attempted to purchase two new vehicles in 2021 but no area dealerships were taking orders for government fleet vehicles that met the Animal Control vehicle specifications. In 2022, Blue Springs Ford and Crossley Ford were the only two area Ford dealerships taking orders for government fleet vehicles that met the Animal Control vehicle specifications. Staff submitted vehicle specifications to both dealerships. Blue Springs Ford submitted a pricing proposal for two vehicles and Crossley Ford was unresponsive. Staff reached out to Blue Springs Ford throughout 2022 and Blue Springs Ford did not allow the City to order vehicles until November 2022, with only a two-day window offered by the dealership for staff to place an order. The vehicle order placed with Blue Springs Ford in November 2022 came with no guarantee that either vehicle would ever be built. Blue Springs Ford required a Purchase Order Request Form for \$104,906.00 for the City to order the vehicles. Blue Springs Ford informed us the national vehicle chip shortage

has delayed these vehicles from being built. Fortunately, the Ford F250 4x4 Super Cab Pickup for \$51,464.00 has been built and requires full payment at this time. The Ford F250 4x4 Crew Cab Pickup Extended Cab for \$53,442.00 has not been built yet. Staff is requesting City Council approval at this time for payment of \$53,442.00 for the Ford F250 4x4 Crew Cab Pickup Extended Cab, if it is built.

Previous Action (if applicable):

None

Policy/Committee Review:

Citizen Sales Tax Oversight Committee	Completed/Recommended:
Public Safety Sales Tax Oversight Committee	Completed/Recommended:
X Budget Committee	Completed/Recommended: 2021
Other:	Completed/Recommended:

Financial Considerations:

Budgeted:	Line Item: 10.20.051.36.7101	Amount: \$104,906.00
	Line Item:	Amount:
	Revenue Line (if applicable):	Amount:
Non-Budgeted	Line Item:	Amount:
	Line Item:	Amount:
	Funding Source:	Amount:

Attachments:

1. Blue Springs Ford Price Quotes November 2022
2. AC F250 4X4 Super Cab Pickup \$51,464 on 4.26.2023



Preview Order 4041 - W2B 4x4 Crew Cab SRW: Order Summary Time of Preview: 11/29/2022 12:12:32 Receipt: 11/29/2022

Dealership Name: Blue Springs Ford

Sales Code : F53118

Dealer Rep.	kim koskovich	Type	Fleet	Vehicle Line	Superduty	Order Code	4041
Customer Name	city of liber	Priority Code	A2	Model Year	2023	Price Level	315

DESCRIPTION	MSRP	DESCRIPTION	MSRP
F250 4X4 CREW CAB PICKUP/176	\$54715	10000# GVWR PACKAGE	\$0
176 INCH WHEELBASE	\$0	50 STATE EMISSIONS	\$0
TOTAL BASE VEHICLE	\$54715	SNOWPLOW PREP/CAMPER PACKAGE	\$305
OXFORD WHITE	\$0	POWERSCOPE TRAILER TOW MIRROR	\$280
40/20/40 CLOTH SEAT	\$0	AM/FM STEREO MP3/CLK	\$0
MEDIUM DARK SLATE	\$0	JACK	\$0
PREFERRED EQUIPMENT PKG.603A	\$0	250 AMP ALTERNATOR	\$85
.XLT TRIM	\$0	SPECIAL DEALER ACCOUNT ADJUSTM	\$0
.7.3L DEVCT NA PFI V8 ENGINE	\$0	SPECIAL FLEET ACCOUNT CREDIT	\$0
10-SPEED AUTO TORQSHIFT	\$0	FUEL CHARGE	\$0
LT275/65R18E BSW ALL SEASON	\$0	NET INVOICE FLEET OPTION (B4A)	\$0
3.73 ELECTRONIC-LOCKING AXLE	\$430	PRICED DORA	\$0
JOB #1 ORDER	\$0	ADVERTISING ASSESSMENT	\$0
FORD FLEET SPECIAL ADJUSTMENT	\$0	DESTINATION & DELIVERY	\$1795
CARPET DELETE	\$-50		
TOTAL BASE AND OPTIONS			MSRP \$57560
DISCOUNTS			NA
TOTAL			\$57560

ORDERING FIN: QC572 END USER FIN: QC572 PO NUMBER: 404111

SHIP TO : F53600

30711 Highway 141, Coon Rapids, IA, 50058-7212

\$53442
FLEET PRICE

CITY OF LIBERTY

Customer Name:

Customer Email:

Customer Address:

Customer Phone:



Preview Order 4042 - X2B 4x4 Super Cab SRW: Order Summary Time of Preview: 11/29/2022 12:28:35 Receipt: NA

Dealership Name: Blue Springs Ford

Sales Code : F53118

Dealer Rep.	kim koskovich	Type	Fleet	Vehicle Line	Superduty	Order Code	4042
Customer Name	city of liber	Priority Code	A2	Model Year	2023	Price Level	315

DESCRIPTION	MSRP	DESCRIPTION	MSRP
F250 4X4 SUPERCAB PICKUP/164	\$52955	10000# GVWR PACKAGE	\$0
164 INCH WHEELBASE	\$0	50 STATE EMISSIONS	\$0
TOTAL BASE VEHICLE	\$52955	SNOWPLOW PREP/CAMPER PACKAGE	\$305
OXFORD WHITE	\$0	POWERSCOPE TRAILER TOW MIRROR	\$280
40/20/40 CLOTH SEAT	\$0	AM/FM STEREO MP3/CLK	\$0
MEDIUM DARK SLATE	\$0	JACK	\$0
PREFERRED EQUIPMENT PKG.603A	\$0	250 AMP ALTERNATOR	\$85
.XLT TRIM	\$0	SPECIAL DEALER ACCOUNT ADJUSTM	\$0
.7.3L DEVCT NA PFI V8 ENGINE	\$0	SPECIAL FLEET ACCOUNT CREDIT	\$0
10-SPEED AUTO TORQSHIFT	\$0	FUEL CHARGE	\$0
LT275/65R18E BSW ALL SEASON	\$0	NET INVOICE FLEET OPTION (B4A)	\$0
3.73 RATIO REGULAR AXLE	\$0	PRICED DORA	\$0
JOB #1 ORDER	\$0	ADVERTISING ASSESSMENT	\$0
FORD FLEET SPECIAL ADJUSTMENT	\$0	DESTINATION & DELIVERY	\$1795
CARPET DELETE	\$-50		
TOTAL BASE AND OPTIONS			MSRP \$55370
DISCOUNTS			NA
TOTAL			\$55370

ORDERING FIN: QC572 END USER FIN: QC572
SHIP TO : F53600
30711 Highway 141, Coon Rapids, IA, 50058-7212

51464⁰⁰
FLEET PRICE.

Customer Name:
Customer Address:

Customer Email:

Customer Phone:

CITY OF LIBERTY

BLUE SPRINGS



3200 NW South Outer Road
Blue Springs, MO 64015
816-229-4400

RETAIL PURCHASE AGREEMENT

Purchaser's Name(s): City Of Liberty Deal Number: _____
Address: 101 E Kansas St liberty MO 64068 Date: 04/26/2023 11:09 AM
Home Telephone: (816) 509-4041 Work Telephone: _____ Cell Phone: _____
Social Security #: _____ D.L./State I.D.#: W201181005 Issuing State: _____ Exp. Date: _____

The above information has been requested so that we may verify your identity in accordance with the USA Patriot Act. By signing below, you represent that you are at least 18 years of age and have authority to enter into this Agreement. The Odometer Reading for the Vehicle you are purchasing is accurate unless indicated otherwise. Please refer to the Federal Mileage Statement for full disclosure.

YEAR 2023	MAKE Ford	MODEL Super Duty F-250 SRW	COLOR Oxford White	STOCK NO. 230138
SERIAL NO. 1FT7X2BN7PEC26547		ODOMETER READING 8 ☐ Not Accurate	SALESPERSON Kim Koskovich	
THE VEHICLE IS: ☐ NEW ☐ USED		PRIOR USE DISCLOSURE: ☐ DEMONSTRATOR ☐ FACTORY OFFICIAL ☐ RENTAL ☐ OTHER		
WARRANTY STATEMENT We are selling this Vehicle to you AS-IS and we expressly disclaim all warranties, express or implied, including any implied warranties of merchantability and fitness for a particular purpose, unless the box beside "Our Used Vehicle Limited Warranty Applies" is marked below or we enter into a service contract with you at the time of, or within 90 days of, the date of this transaction. All warranties, if any by a manufacturer or supplier other than our Dealership are theirs, not ours, and only such manufacturer or supplier shall be liable for performance under such warranties. We neither assume nor authorize any other person to assume for us any liability in connection with the sale of the Vehicle and the related goods and services. CONTRACTUAL DISCLOSURE STATEMENT (USED VEHICLES ONLY) The information you see on the window form for this Vehicle is part of this contract. Information of the window form overrides any contrary provisions in the contract of sale.			CASH PRICE OF VEHICLE 51464.00	
☐ Used Vehicle Limited Warranty Applies. We are providing the attached Used Vehicle Limited Warranty in connection with the transaction. Any implied warranties apply for the duration of the Limited Warranty.				
TRADE-IN VEHICLE INFORMATION Year: _____ Make: _____ Model: _____ Color: _____ Serial No.: No Trade Odometer Reading: _____ ☐ Not Accurate Trade-In Allowance: _____ Balance Owed & Lienholder: _____			LIEN FEE DEALER ADMINISTRATIVE FEE LESS: TRADE-IN ALLOWANCE \$0.00 Payoff \$0.00	
PRIOR INSPECTION DISCLOSURE STATEMENT Unless one of the boxes below is marked, this Vehicle has been inspected and obtained emissions inspection approval by meeting the Missouri emissions standards. ☐ Prior Inspection Performed. If this box is marked, the emissions inspection approval was obtained pursuant to the Waiver attached to this Agreement. ☐ No Prior Inspection Performed. If this box is marked, no inspection has been performed. If this Vehicle fails upon inspection to meet emissions standards and you return the Vehicle to the Dealership within 14 days of the date of purchase, provided that the Vehicle has no more than 1,000 additional miles since the time of sale, the Dealership shall have the Vehicle inspected and approved and return it to you with a valid emissions certificate and sticker within 5 working days, or you may enter into any other mutually acceptable agreement with the Dealership.			CASH DOWN PAYMENT UNPAID BALANCE DUE 51464.00	
☒ X ☐ IF BOX IS MARKED, PLEASE SEE ATTACHED DELIVERY CONFIRMATION. ☐ IF BOX IS MARKED, PLEASE SEE ATTACHED AGREEMENT TO ARBITRATE. ☐ IF BOX IS MARKED, PLEASE SEE ATTACHED SPOT DELIVERY AGREEMENT.			☐ CASH DOWN PAYMENT: The sum of \$ _____ was received from you as a Cash Down Payment. It is not refundable, except as set forth in this Agreement. In the case of a Deposit, we will refrain from selling the vehicle for _____ days. X _____	

I have read the terms and conditions of this Agreement, including the terms and conditions that appear on the reverse side and I hereby acknowledge that this Agreement is complete and accurately reflects the agreements between the Dealership and myself. I further acknowledge receipt of a copy of this Agreement. This Agreement shall not become binding until accepted by an Authorized Representative of the Dealership.

Purchaser

Accepted by Authorized Dealership Representative

Purchaser

DATA SOURCE, INC. • 800-829-3369 PA-04843

Document No. _____

ORDINANCE NO. _____

AN ORDINANCE ACKNOWLEDGING VENDOR PAYMENTS
FOR THE PERIOD OF APRIL 14, 2023 TO APRIL 28, 2023

BE IT ORDAINED, by the City Council of the City of Liberty, Clay County, Missouri,
as follows:

The attached lists of vendor checks as drawn by the finance director is hereby
acknowledged, in the amounts and to the persons as listed. Said report is hereby
incorporated by reference as part of this ordinance. Total disbursements by individual
fund is also hereby acknowledged as listed below:

FUND NAME	FUND NUMBER	AMOUNT
GENERAL OPERATING FUND	10	\$ 1,289,892.69
CAPTIAL SALES TAX FUND	50	\$ 18,948.98
TRANSPORTATION SALES TAX FUND	52	\$ 44,174.73
PARK SALES TAX FUND	54	\$ 147,432.01
ECO/DEVO SALES TAX FUND	56	\$ 1,212,498.10
PARKS FUND	60	\$ 11,993.99
SPORTS COMPLEX FUND	61	\$ 385,810.29
COMMUNITY CENTER FUND	65	\$ 11,259.13
TRANSIENT GUEST TAX FUND	67	\$ 7,001.00
CEMETERY MAINTENANCE FUND	73	\$ 4,200.00
WATER OPERATING FUND	90	\$ 187,986.68
WASTEWATER OPERATING FUND	92	\$ 254,060.82
WATER CAPITAL FUND	94	\$ 251,506.36
PAYROLL CHECKS & BENEFITS	4/21/23	\$ 1,199,230.06
TOTAL APPROPRIATIONS		<u><u>\$ 5,025,994.84</u></u>

PASSED by the Council this 8th day of May, 2023.

MAYOR PRO TEM

ATTEST:

DEPUTY CITY CLERK

APPROVED by the Mayor this 8th day of May, 2023.

MAYOR PRO TEM

Appropriations Legend

Account Number	Fund and Departments
10	General Fund
10.10	Council
10.20	Administration
10.25	Human Resources
10.30	Finance
10.40	Police
10.50	Fire
10.60	Parks-Aging Services
10.70	Public Works
10.80	Planning and Development Services
10.90	Information Services
10.95	City Wide
11	Limited Capital Fund
14	Downtown 353
15	Residential 353
16	TIF-Liberty Commons
17	CID-Liberty Commons
18	TDD-Liberty Commons
20-21	TIF-Liberty Triangle Project
22	TIF-Liberty Triangle Series 2007
23	TIF-Roger's Plaza
24	TIF-Blue Jay Crossing
25	TIF-Triangle Project B-1
26	TIF-Triangle Project F
27	Rogers CID Sales Tax
28	Blue Jay Crossing CID Sales Tax
29	Triangle CID Sales Tax
30	South Liberty Parkway
31	TIF-South Liberty Parkway-Whitehall
32	TIF-Project E
33	TIF-Triangle Project E
35	TIF-Tiangle Project E-4
36	Liberty Corners CID
37	TIF-Triangle Project E-1
38	TIF-Triangle Project E-2
39	Healthy Living Community
40 & 41	Cemetery Trust Funds
42	F Hughes Library Trust
50	Capital Sales Tax Fund
51	PFA Construction Fund
52	Transportation Sales Tax Fund
54	Park Sales Tax Fund
55	Parks Development Fund
56	Eco/Devo Sales Tax Fund
57	Capital Const Bond Fund
58	Fire Sales Tax Fund
59	Public Safety Sales Tax Fund
60	Parks Fund
61	Sports Complex Fund
65	Community Center Fund
67	Transient Guest Tax Fund
68	Preservation & Development Fund
69	Police Training Fund
70	Cable Reserve Fund
73	Cemetery Maintenance Fund
75	Loss Control Fund
80	Debt Service Fund
81	Tax Escrow Fund
82	TIF-Triangle B-1 Debt Service (CCHC)
83	TIF Debt Service 2007 Fund
86	TIF Debt Service Fund
87	NID Debt Service Fund
88	PFA Debt Service Fund
90	Water Operating Fund
90.30	Finance-Utility Billing
90.70	Public Works
92	Wastewater Operating Fund
92.30	Finance-Utility Billing
92.70	Public Works
94	Water Capital Fund
96	Wastewater Capital Fund
97	Wastewater Treatment Facility
98	Solid Waste Fund
98.30	Finance-Utility Billing
98.70	Public Works

APRIL 28TH CHECKS

Payments by Vendor

VENDOR NAME AND NUMBER

CHECK#	DATE	DESCRIPTION	AMOUNT	CLAIM	INVOICE	PO#	F 9 S	ACCOUNT NAME	ACCOUNT
A T & T MOBILITY 008295									
181326	04/28/23	MOBILE PHONE SERVICE	43.85	039895	X04012023		P N W	MOBILE PHONES	10.50.311.12.5453
181326	04/28/23	MOBILE PHONE SERVICE	56.63	039895	X04012023		P N W	MOBILE PHONES	10.50.315.12.5453
181326	04/28/23	MOBILE PHONE SERVICE	97.87	039895	X04012023		P N W	MOBILE PHONES	10.50.321.12.5453
181326	04/28/23	MOBILE PHONE SERVICE	361.69	039895	X04012023		P N W	MOBILE PHONES	10.50.300.12.5453
181326	04/28/23	MOBILE PHONE SERVICE	149.36	039895	X04012023		P N W	MOBILE PHONES	10.90.132.12.5453
			709.40	*CHECK TOTAL					
		VENDOR TOTAL	709.40						
AAA TIME CLOCKS 005386									
181327	04/28/23	PKS TIMECARDS	63.00	040067	7001		P N W	GENERAL SUPPLIES	61.60.458.04.5001
ABC-COMM LLC 000649									
181328	04/28/23	BORING-H HWY PROJECT	3,290.00	040015	4.20.23		P - W	CONST CNTRCT-CLA	94.70.801.36.7510
ALEXANDER/JEANNETTE .14402									
181329	04/28/23	CCTR REFUND MEMBERSHIP	230.41	039892	1803322		P - W	REFUNDS PAYABLE	65.2265
ALL COPY PRODUCTS, INC. 000492									
181330	04/28/23	POSTAGE MTR INK	139.95	040068	AR3847478		P - W	POSTAGE	10.95.140.38.5808
ALTERATIONS & CUSTOM SEW 005482									
181331	04/28/23	POL UNIFORMS	45.50	040016	3444		P N W	CLOTHING EXPENSE	10.40.500.38.5812
181331	04/28/23	POL UNIFORMS	18.00	040017	3425		P N W	CLOTHING EXPENSE	10.40.500.38.5812
181331	04/28/23	POL UNIFORMS	111.98	040018	3430		P N W	CLOTHING EXPENSE	10.40.500.38.5812
			175.48	*CHECK TOTAL					
		VENDOR TOTAL	175.48						
AMEREN MISSOURI 007206									
1892	04/28/23	ELECTRIC SERVICE	46.36	040063	54334-08113		P - H	ELECTRIC	90.70.801.12.5401
1892	04/28/23	ELECTRIC SERVICE	33.43	040064	29334-08115		P - H	ELECTRICITY-STRE	10.70.225.12.5405
1892	04/28/23	ELECTRIC SERVICE	13.50	040065	48334-08115		P - H	EMERGENCY MGT MA	10.50.300.14.5553
			93.29	*CHECK TOTAL					
		VENDOR TOTAL	93.29						
AMES II/RICHARD ASHLEY 006627									
181332	04/28/23	CCTR SWIM INSTR	128.00	039893	4/12-4/16		P N W	PRIVATE SWIMMING	65.60.417.08.8125
181332	04/28/23	CCTR SWIM INSTR	112.00	040069	4/19-4/23		P N W	PRIVATE SWIMMING	65.60.417.08.8125
			240.00	*CHECK TOTAL					
		VENDOR TOTAL	240.00						
ANDERSON/SKYLAR 000612									
181333	04/28/23	CCTR SWIM INSTR	60.00	039894	4/12-4/15		P N W	PRIVATE SWIMMING	65.60.417.08.8125
181333	04/28/23	CCTR SWIM INSTR	75.00	040070	4/14-4/24		P N W	PRIVATE SWIMMING	65.60.417.08.8125
			135.00	*CHECK TOTAL					
		VENDOR TOTAL	135.00						
ARC PHYSICAL THERAPY PLU 006467									
181334	04/28/23	PRE EMPLOY TESTING	300.00	040019	0403235485		P N W	EMPLOYMENT TESTI	10.40.500.08.5392
181334	04/28/23	PRE EMPLOY TESTING	300.00	040019	0403235485		P N W	MISCELLANEOUS FE	60.60.415.08.5399
181334	04/28/23	PRE EMPLOY TESTING	150.00	040019	0403235485		P N W	TRAINING TRAVEL	92.70.901.06.5210

Payments by Vendor

VENDOR NAME AND NUMBER

CHECK#	DATE	DESCRIPTION	AMOUNT	CLAIM	INVOICE	PO#	F 9 S	ACCOUNT NAME	ACCOUNT
ARC PHYSICAL THERAPY PLU 006467									
			750.00		*CHECK TOTAL				
		VENDOR TOTAL	750.00						
AT&T SERVICES, INC. 000646									
181335	04/28/23	WTR DAMAGE CLAIM	913.97	040020	20-2301060088		P - W	MAINS & LINES MA	90.70.801.14.5532
BLACK & MCDONALD ELECTRI 006424									
181336	04/28/23	PWK ST LIGHT MAINT	191.49	039896	76-1461437		P - W	TRANSPORTATION E	52.80.151.08.5420
181336	04/28/23	PWK ST LIGHT MAINT	1,500.80	039897	76-1461438		P - W	TRANSPORTATION E	52.80.151.08.5420
			1,692.29		*CHECK TOTAL				
		VENDOR TOTAL	1,692.29						
BOARD OF POLICE COMMISSI 000142									
181337	04/28/23	POL DNA SAMPLE	1,120.00	040021	11055		P - W	MISCELLANEOUS FE	10.40.500.08.5399
BOONE/BRADLEY JASON 007562									
1882	04/20/23	NETWORK/SECURITY SERVICE	8,999.50	039883	055		P N H	CONTRACT LABOR	10.90.132.08.5397
BOUND TREE MEDICAL LLC 002300									
181338	04/28/23	FIRE EMS SUPPLIES	119.25	039898	84918284		P - W	MEDICAL SUPPLIES	10.50.311.04.5003
181338	04/28/23	FIRE EMS SUPPLIES	876.83	039899	84910759		P - W	MEDICAL SUPPLIES	10.50.311.04.5003
181338	04/28/23	FIRE EMS SUPPLIES	29.34	039900	84914026		P - W	MEDICAL SUPPLIES	10.50.311.04.5003
181338	04/28/23	FIRE EMS SUPPLIES	424.09	039901	84914027		P - W	MEDICAL SUPPLIES	10.50.311.04.5003
181338	04/28/23	FIRE EMS SUPPLIES	1,098.12	039902	84912309		P - W	MEDICAL SUPPLIES	10.50.311.04.5003
181338	04/28/23	FIRE EMS SUPPLIES	1,558.93	040071	84929261		P - W	MEDICAL SUPPLIES	10.50.311.04.5003
181338	04/28/23	FIRE EMS SUPPLIES	220.64	040072	84927458		P - W	MEDICAL SUPPLIES	10.50.311.04.5003
181338	04/28/23	FIRE EMS SUPPLIES	6.54	040073	84927459		P - W	MEDICAL SUPPLIES	10.50.311.04.5003
181338	04/28/23	FIRE EMS SUPPLIES	468.20	040074	84925878		P - W	MEDICAL SUPPLIES	10.50.311.04.5003
			4,801.94		*CHECK TOTAL				
		VENDOR TOTAL	4,801.94						
BRADY INDUSTRIES OF KANS 000081									
181339	04/28/23	2023 CUSTODIAL SUPPLIES	857.27	039903	7969932	230009	P N W	MAINTENANCE MATE	10.95.140.04.5009
181339	04/28/23	2023 CUSTODIAL SUPPLIES	88.84	039904	7969973	230009	P N W	MAINTENANCE MATE	10.95.140.04.5009
181339	04/28/23	2023 CUSTODIAL SUPPLIES	293.70	039905	7977006	230009	P N W	MAINTENANCE MATE	10.95.140.04.5009
181339	04/28/23	ACTL SUPPLIES	255.40	040075	7919132		P N W	MISCELLANEOUS EX	10.95.140.38.5989
181339	04/28/23	2023 CUSTODIAL SUPPLIES	1,059.33	040076	7984177	230009	P N W	MAINTENANCE MATE	10.95.140.04.5009
			2,554.54		*CHECK TOTAL				
		VENDOR TOTAL	2,554.54						
BRENNTAG MID-SOUTH INC 005767									
181340	04/28/23	WWT CHEMICALS	942.64	039906	BMS386144		P - W	CHEMICALS	92.70.902.04.5010
181340	04/28/23	DISCOUNT	18.48CR	039906	BMS386144		P - W	CHEMICALS	92.70.902.04.5010
			924.16		*CHECK TOTAL				
		VENDOR TOTAL	924.16						
BRENTON/LYNDELL 006487									
181341	04/28/23	PRINTER CARTRIDGE	91.31	040022	APRIL 2023		P - W	GENERAL SUPPLIES	10.10.101.04.5001

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BRYANT/COLE CHRISTOPHER 000616		181342	04/28/23	CCTR SWIM INSTR	135.00	039907	4/12-4/17		P N W	PRIVATE SWIMMING	65.60.417.08.8125
		181342	04/28/23	CCTR SWIM INSTR	225.00	040077	4/18-4/24		P N W	PRIVATE SWIMMING	65.60.417.08.8125
					360.00	*CHECK TOTAL					
VENDOR TOTAL					360.00						
CANON FINANCIAL SERVICES 000342		181343	04/28/23	COPIER LEASE	152.00	040023	30353203		P - W	COPIER LEASE & U	10.20.001.04.5110
		181343	04/28/23	COPIER LEASE	76.00	040078	30353202		P - W	COPIER LEASE & U	10.80.151.04.5110
		181343	04/28/23	COPIER LEASE	76.00	040078	30353202		P - W	COPIER LEASE & U	10.70.201.04.5110
					304.00	*CHECK TOTAL					
VENDOR TOTAL					304.00						
CARNES/CHRIS .14404		181344	04/28/23	CCTR REFUND BANK DRAFT	201.00	040024	1809923		P - W	REFUNDS PAYABLE	65.2265
CE WATER MANAGEMENT INC 006384		181346	04/28/23	PWK BOILER LOOP MAINT	272.00	039908	C63524		P - W	FACILITIES MAINT	10.70.221.14.5572
CENTRAL POWER SYSTEMS IN 001788		181347	04/28/23	FIRE #605 COOLANT HOSE	1,168.03	040079	R110013919:01		P - W	VEHICLE MAINTENA	10.50.301.14.5541
CINTAS RENTAL SERVICE 000129		181348	04/28/23	FIRE MOPS	65.93	039909	4152245859		P - W	PEST CONTROL/MOP	10.50.300.08.5369
CITY OF SUGAR CREEK 005552		181349	04/28/23	MML MTG REG FEE	25.00	040080	4/24/23		P - W	MEETING EXPENSE	10.20.001.38.5803
CITY TREASURER 005223		181350	04/28/23	MARRS RADIO	1,027.60	039910	2023-4		P - W	RADIO MAINTENANC	10.40.500.14.5552
		181350	04/28/23	MARRS RADIO	939.52	039910	2023-4		P - W	RADIO MAINTENANC	10.50.301.14.5552
		181350	04/28/23	MARRS RADIO	822.08	039910	2023-4		P - W	RADIO MAINTENANC	50.70.201.14.5552
					2,789.20	*CHECK TOTAL					
VENDOR TOTAL					2,789.20						
CK POWER 005836		181351	04/28/23	WTR GENERATORS	245,074.00	040115	SI216343	210151	P - W	CONSTRUCTION CON	94.70.802.36.7510
CLAY CO DETENTION CENTER 000105		181352	04/28/23	POL PRISONER HOUSING	2,492.28	040025	MAR 2023		P - W	PRISONER HOUSING	10.40.511.08.5373
CLAY CO PUBLIC HEALTH CE 007626		181353	04/28/23	PKS HEATER FUSE	100.00	039911	06-0059S		P - W	CONCESSION	61.60.458.04.5007
		181353	04/28/23	PKS HEATER FUSE	100.00	039912	06-0060S		P - W	CONCESSION	61.60.458.04.5007
					200.00	*CHECK TOTAL					
VENDOR TOTAL					200.00						
CLAYTON HOLDINGS, LLC 000319		1889	04/20/23	SO BONDS 2020	30,000.00	039885	SO BONDS 2020		P N H	LEASE PRINCIPAL	10.40.500.24.6003
		1889	04/20/23	SO BONDS 2020	60,000.00	039885	SO BONDS 2020		P N H	PRINCIPAL-SPECIA	10.40.500.24.6008
		1889	04/20/23	SO BONDS 2020	120,000.00	039885	SO BONDS 2020		P N H	LEASE-PRINCIPAL	10.90.132.24.6001

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CLAYTON HOLDINGS, LLC 000319									
1889	04/20/23	SO BONDS 2020	35,000.00	039885	SO BONDS 2020		P N H	LEASE-PRINCIPAL	10.90.132.24.6001
1889	04/20/23	SO BONDS 2020	686.25	039885	SO BONDS 2020		P N H	LEASE INTEREST	10.40.500.24.6013
1889	04/20/23	SO BONDS 2020	457.50	039885	SO BONDS 2020		P N H	INTEREST-SPECIAL	10.40.500.24.6018
1889	04/20/23	SO BONDS 2020	2,783.12	039885	SO BONDS 2020		P N H	LEASE-INTEREST	10.90.132.24.6011
1889	04/20/23	SO BONDS 2020	800.63	039885	SO BONDS 2020		P N H	LEASE-INTEREST	10.90.132.24.6011
			249,727.50	*CHECK TOTAL					
1890	04/20/23	SRS 2021 LEASE	831.25	039884	SRS 2021		P N H	LEASE INTEREST	10.40.500.24.6013
1890	04/20/23	SRS 2021 LEASE	2,892.75	039884	SRS 2021		P N H	LEASE-INTEREST	10.90.132.24.6011
			3,724.00	*CHECK TOTAL					
		VENDOR TOTAL	253,451.50						
CLINICAL COUNSELING ASSO 000367									
181345	04/28/23	WEEKLY SERVICES	1,800.00	040081	4.25.23		P - W	EMPLOYEE ASSISTA	10.95.140.02.4110
COBB REFRIGERATION 000642									
181354	04/28/23	T&L HVAC MAINT	1,375.00	039913	173368		P N W	MAINT-OFFICE EQU	10.90.132.14.5551
COLD SOLUTIONS AT RUSH C 000337									
181355	04/28/23	PKW STORAGE	1,800.00	040082	1342		P N W	REFUSE COLLECTIO	10.70.221.08.5381
COMMERCIAL AQUATIC SERVI 007993									
181356	04/28/23	CCTR HOT TUB HEATER RPRS	120.00	039914	45911-1		P - W	BUILDING MAINTEN	65.60.491.14.5571
181356	04/28/23	CCTR PUMP TUBE,PARTS	70.30	040083	45763-1		P - W	BUILDING MAINTEN	65.60.491.14.5571
181356	04/28/23	CCTR HOT TUB RPRS	320.00	040084	46128-1		P - W	BUILDING MAINTEN	65.60.491.14.5571
			510.30	*CHECK TOTAL					
		VENDOR TOTAL	510.30						
CONRAD FIRE EQUIPMENT IN 003684									
181357	04/28/23	FIRE SCBA STRAPS	560.30	040026	567318		P - W	SCBA SUPPLIES	10.50.301.04.5099
181357	04/28/23	FIRE MSA FLOW TESTS	2,677.05	040027	567298		P - W	SCBA SUPPLIES	10.50.301.04.5099
			3,237.35	*CHECK TOTAL					
		VENDOR TOTAL	3,237.35						
CORE & MAIN LP 008799									
181358	04/28/23	WTR INVENTORY	727.50	039915	S552266		P - W	INVENTORY-MATERI	90.1700
181358	04/28/23	WTR SUPPLIES	100.00	039916	S552266		P - W	MAINS & LINES MA	90.70.801.14.5532
			827.50	*CHECK TOTAL					
		VENDOR TOTAL	827.50						
CRAFCO INC 001431									
181359	04/28/23	ST POLYFLEX SEALANT	3,276.00	039917	9402903393		P - W	ASPHALT-STREET R	50.75.607.14.5621
181359	04/28/23	ST POLYFLEX SEALANT	3,511.70	040085	9402907587		P - W	ASPHALT-STREET R	50.75.607.14.5621
			6,787.70	*CHECK TOTAL					
		VENDOR TOTAL	6,787.70						
CRIME SCENE CLEANERS LLC 000380									
181360	04/28/23	POL DECONTAMINATION-2	195.70	039918	7799		P N W	MISCELLANEOUS SU	10.40.500.04.5099

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CUMMINS SALES AND SERVIC 004424											
181361 04/28/23 WWT GENERATOR MAINT					1,869.12	039919	H9-50272			P - W MINOR EQUIPMENT	92.70.902.18.5601
181361 04/28/23 WWT GENERATOR MAINT					1,333.26	039920	H9-50239			P - W MINOR EQUIPMENT	92.70.902.18.5601
181361 04/28/23 WWT GENERATOR MAINT					2,205.71	040028	H9-51315			P - W MINOR EQUIPMENT	92.70.902.18.5601
					5,408.09	*CHECK TOTAL					
VENDOR TOTAL					5,408.09						
CYCLONE INC 000095											
181362 04/28/23 PKS PORT A POTS					38.30	039921	37012			P - W RECREATION SUPPL	60.60.415.04.5004
181362 04/28/23 FIRE PORT A POT					90.00	040086	37224			P - W BUILDING MAINTEN	10.50.300.14.5571
					128.30	*CHECK TOTAL					
VENDOR TOTAL					128.30						
DAKTRONICS INC 005733											
181363 04/28/23 PRKS SCOREBOARD					13,959.00	040087	7032466	220128	F - W	BUILDING IMPROVE	61.60.458.36.7402
DAYMARK SOLUTIONS INC 009175											
181364 04/28/23 POL ID BADGES-14					237.30	039922	108276			P - W MISCELLANEOUS FE	10.40.500.08.5399
DELL MARKETING LP 000189											
181365 04/28/23 T&L LAPTOP HARDWARE					3,344.28	039923	10665973369			P N W MINOR COMPUTER E	10.90.132.18.5605
DEZURIK, INC 000650											
181366 04/28/23 WWT PLUG VALVE					12,082.00	040088	RPI/69006137			P - W WWTR PLANT MAINT	92.70.902.14.5534
DIVERSIFIED METAL FABRIC 000330											
181367 04/28/23 PKS CEM TRASH CANS					3,920.00	040089	21039			P - W EQUIPMENT-CHARIT	60.60.415.36.7201
DOWNEY CONSTRUCTION, INC 006607											
181368 04/28/23 PKS SIDEWALK					11,440.00	040090	23-023	220131	F - W	BUILDING IMPROVE	61.60.458.36.7402
DPC INDUSTRIES INC 002456											
181369 04/28/23 WTR CHEMICALS					10,531.36	040091	817000763-23			P - W CHEMICALS	90.70.802.04.5010
DRUVA INC 006515											
181370 04/28/23 T&L SW MAINT-PHOENIX					47,708.82	039924	INVUS1027888			P - W INTERNET SERVICE	10.90.132.08.5304
181370 04/28/23 T&L SW MAINT-PHOENIX					11,927.31	039924	INVUS1027888			P - W OTHER PREPAYMENT	10.1810
					59,636.13	*CHECK TOTAL					
VENDOR TOTAL					59,636.13						
DRYER VENT WIZARD 000651											
181371 04/28/23 ACTL DRYER RPR					686.00	040092	FEB 2023			P - W BUILDING MAINT S	10.20.051.04.5008
DSG EQUIPMENT & SUPPLIES 004943											
181372 04/28/23 TRUCK WASH SOAP					300.00	040029	3111			P - W VEHICLE MAINTENA	90.70.801.14.5541
181372 04/28/23 TRUCK WASH SOAP					300.00	040029	3111			P - W VEHICLE MAINTENA	92.70.901.14.5541
181372 04/28/23 TRUCK WASH SOAP					300.00	040029	3111			P - W VEHICLE MAINTENA	92.70.902.14.5541
					900.00	*CHECK TOTAL					
VENDOR TOTAL					900.00						

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ELEVATOR SAFETY SERVICES 000472		181373	04/28/23	PWK ELEVATOR INSPECTION	170.00	039925	31594		P - W	FACILITIES MAINT	10.70.221.14.5572
ELLIS & ASSOC. INC. 005355		181374	04/28/23	CCTR LICENSES	1,470.00	040093	20113519		P - W	LIFEGUARD TRAINI	65.60.417.08.8127
FASTKICK MARTIAL ARTS 003059		181375	04/28/23	CCTR MARTIAL ARTS INSTR	147.00	039926	4.10.23		P N W	COMMUNITY PROGRA	65.60.417.08.8602
FEDERAL SIGNAL CORPORATI 008345		181376	04/28/23	FIRE NEW SIRENS	55,437.00	040094	8301719	220127	P - W	EMERGENCY MGT MA	10.50.300.14.5553
FISH WINDOW CLEANING 006369		181377	04/28/23	ACTL WINDOW CLEANING	80.00	040095	2642-82892		P N W	BUILDING MAINT S	10.20.051.04.5008
		181377	04/28/23	ACTL WINDOW CLEANING	240.00	040096	2642-83425		P N W	BUILDING MAINT S	10.20.051.04.5008
					320.00	*CHECK TOTAL					
VENDOR TOTAL					320.00						
FOLEY EQUIPMENT CO INC 006120		181378	04/28/23	ST PARTS	508.64	040097	PS400466294		P - W	VEHICLE MAINTENA	10.70.225.14.5541
FOSTER BROS WOOD PRODUCT 005203		181379	04/28/23	PKS PLAYGROUND MULCH	1,885.50	039927	17359		P - W	PLAYGROUND/SPRAY	60.60.420.14.5582
		181379	04/28/23	PKS MULCH	1,396.50	039928	17364		P - W	LANDSCAPING	52.60.420.14.5583
		181379	04/28/23	PKS PLAYGROUND MULCH	1,885.50	040098	17346		P - W	PLAYGROUND/SPRAY	60.60.420.14.5582
					5,167.50	*CHECK TOTAL					
VENDOR TOTAL					5,167.50						
FRATERNAL ORDER OF POLIC 004537		181380	04/28/23	PAYROLL DEDUCTION	1,467.00	040030	APRIL		P - W	UNION DUES PAYAB	10.2190
FRICK/RUSSELL 005694		181447	04/28/23	WTR DIRT	1,500.00	039929	752220		P N W	MAINS & LINES MA	90.70.801.14.5532
		181447	04/28/23	ST DIRT	250.00	039930	752224		P N W	STORM WATER MAIN	50.75.607.14.5663
		181447	04/28/23	WTR DIRT	250.00	040031	752225		P N W	MAINS & LINES MA	90.70.801.14.5532
					2,000.00	*CHECK TOTAL					
VENDOR TOTAL					2,000.00						
GALL'S INC 005394		181381	04/28/23	POL BELTS	49.00	039931	023977295		P - W	CLOTHING EXPENSE	10.40.500.38.5812
		181381	04/28/23	FIRE UNIFORMS	105.76	039932	024077957		P - W	CLOTHING EXPENSE	10.50.301.38.5812
		181381	04/28/23	FIRE UNIFORMS	234.17	039933	024116434		P - W	CLOTHING EXPENSE	10.50.301.38.5812
		181381	04/28/23	FIRE UNIFORMS	57.20	039934	024116440		P - W	CLOTHING EXPENSE	10.50.301.38.5812
		181381	04/28/23	FIRE UNIFORMS	15.98	039935	024125306		P - W	CLOTHING EXPENSE	10.50.301.38.5812
		181381	04/28/23	FIRE UNIFORMS	55.99	039936	024100210		P - W	CLOTHING EXPENSE	10.50.301.38.5812
		181381	04/28/23	FIRE UNIFORMS	35.19	039937	024100590		P - W	CLOTHING EXPENSE	10.50.301.38.5812
		181381	04/28/23	FIRE UNIFORMS	936.94	040032	024143986		P - W	CLOTHING EXPENSE	10.50.301.38.5812
		181381	04/28/23	FIRE UNIFORMS	58.01	040033	024144028		P - W	CLOTHING EXPENSE	10.50.301.38.5812
		181381	04/28/23	FIRE UNIFORMS	53.83	040034	024149388		P - W	CLOTHING EXPENSE	10.50.301.38.5812

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GALL'S INC			005394					
181381	04/28/23	FIRE UNIFORMS	144.32	040035	024130877		P - W CLOTHING EXPENSE	10.50.301.38.5812
181381	04/28/23	FIRE UNIFORMS	100.00	040036	024131015		P - W CLOTHING EXPENSE	10.50.301.38.5812
181381	04/28/23	FIRE UNIFORMS	140.72	040037	024131020		P - W CLOTHING EXPENSE	10.50.301.38.5812
181381	04/28/23	FIRE UNIFORMS	68.57	040099	024221101		P - W CLOTHING EXPENSE	10.50.301.38.5812
181381	04/28/23	FIRE UNIFORMS	94.55	040100	024221138		P - W CLOTHING EXPENSE	10.50.301.38.5812
181381	04/28/23	FIRE UNIFORMS	103.56	040101	024221141		P - W CLOTHING EXPENSE	10.50.301.38.5812
181381	04/28/23	FIRE UNIFORMS	25.27	040102	024221148		P - W CLOTHING EXPENSE	10.50.301.38.5812
181381	04/28/23	FIRE UNIFORMS	316.38	040103	024221162		P - W CLOTHING EXPENSE	10.50.301.38.5812
181381	04/28/23	FIRE UNIFORMS	7.04	040104	024208381		P - W CLOTHING EXPENSE	10.50.301.38.5812
181381	04/28/23	FIRE UNIFORMS	137.14	040105	024208613		P - W CLOTHING EXPENSE	10.50.301.38.5812
181381	04/28/23	FIRE UNIFORMS	33.42	040106	02416258		P - W CLOTHING EXPENSE	10.50.301.38.5812
181381	04/28/23	FIRE UNIFORMS	30.28	040107	024170406		P - W CLOTHING EXPENSE	10.50.301.38.5812
181381	04/28/23	FIRE UNIFORMS	53.42	040108	024176061		P - W CLOTHING EXPENSE	10.50.301.38.5812
			2,856.74	*CHECK TOTAL				
VENDOR TOTAL			2,856.74					
GENE'S CLEANERS			004807					
181382	04/28/23	FIRE UNIFORM CLEANING	124.50	040038	MARCH		P N W CLOTHING EXPENSE	10.50.301.38.5812
GENES TIRE & SERVICE CEN			004477					
181383	04/28/23	POL #208 TIRES	60.00	039938	096728		P - W VEHICLE MAINTENA	10.40.500.14.5541
GIFFORD/MEGAN			000627					
181384	04/28/23	CCTR SWIM INSTR	105.00	039939	4/12-4/17		P N W PRIVATE SWIMMING	65.60.417.08.8125
181384	04/28/23	CCTR SWIM INSTR	135.00	040109	4/19-4/24		P N W PRIVATE SWIMMING	65.60.417.08.8125
			240.00	*CHECK TOTAL				
VENDOR TOTAL			240.00					
HAINLINE/ELIZABETH			.14401					
181385	04/28/23	WTR REFUND DEPOSIT	150.00	039940	WATER REFUND		P - W CUSTOMER DEPOSIT	90.2490
HAYES/ELLA			.14405					
181386	04/28/23	CCTR REFUND MEMBERSHIP	54.50	040110	1814834		P - W REFUNDS PAYABLE	65.2265
HDR ENGINEERING INC			006018					
181387	04/28/23	PW TASK ORDER #7	30,885.94	039941	1200515529	220134	P - W OVERLAY PROGRAM	52.75.607.14.5501
181387	04/28/23	PW TASK ORDER #7	10,200.00	039942	1200499591	220134	P - W OVERLAY PROGRAM	52.75.607.14.5501
			41,085.94	*CHECK TOTAL				
VENDOR TOTAL			41,085.94					
HEARTLAND COCA-COLA			000076					
181388	04/28/23	PKS COCA COLA PRODUCTS	747.77	040111	35159703044	230028	P N W CONCESSION	61.60.458.04.5007
HEARTLAND TRACTOR COMPAN			000609					
181389	04/28/23	PKS BATWING MOWER	23,785.50	040112	4151	230041	F - W VEHICLES	54.60.420.36.7101
HELGET GAS PRODUCTS			006305					
181390	04/28/23	FIRE OXYGEN	27.45	040113	02609108		P - W CHEMICALS	10.50.311.04.5010

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HILL/DAVID 000528									
181391	04/28/23	CCTR SWIM INSTR	270.00	039943	4/15-4/16			P N W PRIVATE SWIMMING	65.60.417.08.8125
181391	04/28/23	CCTR SWIM INSTR	104.00	039943	4/15-4/16			P N W SEMI-PRIVATE SWI	65.60.417.08.8123
			374.00	*CHECK TOTAL					
		VENDOR TOTAL	374.00						
HISTORIC DOWNTOWN LIBERT 004528									
181392	04/28/23	UTIL BOX ARTWORK-GRANT	2,000.00	040039	UTILITYWRAPS23			P - W OTHER FEES-ARTS	67.20.061.08.5389
HOFFMAN/DR BRADFORD V 005904									
181393	04/28/23	FIRE 2023 MEDICAL DIRECT	1,000.00	040114	MAY	230008		P M W MEDICAL FEES	10.50.311.08.5356
IDEKER INC 005268									
181394	04/28/23	ST ASPHALT	525.75	039944	21986			P - W ASPHALT-STREET R	50.75.607.14.5621
INDEPENDENT DOOR & GATE 006296									
181395	04/28/23	CCTR FNT ENTRY DOOR RPRS	773.39	039945	513584			P - W BUILDING MAINTEN	65.60.491.14.5571
INDEPENDENT SALT 000575									
181396	04/28/23	PW 2023 ROAD SALT	2,009.22	039946	0177671-IN	230005		P - W INVENTORY-ROAD S	10.1730
INNOVATIVE CONCESSIONS 005719									
181397	04/28/23	PKS CONCESSION SUPPLIES	1,728.00	039947	302001701			P - W CONCESSION	61.60.458.04.5007
INTEGRITY AUTO GLASS .14403									
181398	04/28/23	POL #208 WINDSHIELD	560.00	040040	4061			P - W VEHICLE MAINTENA	10.40.500.14.5541
INTL CODE COUNCIL 000310									
181399	04/28/23	ICC CODE BOOKS	581.70	040041	101445897			P - W GENERAL SUPPLIES	10.80.153.04.5001
JOEL REINOEHL MARKETING 000012									
181400	04/28/23	SPONSORSHIP-HEATHER WAGE	317.63	040116	HW009			P N W MISCELLANEOUS FE	61.60.458.08.5399
181400	04/28/23	SPONSORSHIP-HEATHER WAGE	155.92	040116	HW009			P N W SPONSORSHIPS	65.60.491.08.5398
181400	04/28/23	SPONSORSHIP-HEATHER WAGE	103.95	040116	HW009			P N W CONTRACT LABOR	60.60.415.08.5397
181400	04/28/23	SPONSORSHIP-MARGARITAS	720.00	040117	M006			P N W MISCELLANEOUS FE	61.60.458.08.5399
181400	04/28/23	SPONSORSHIP-PED SMILES	317.63	040118	PS009			P N W MISCELLANEOUS FE	61.60.458.08.5399
181400	04/28/23	SPONSORSHIP-PED SMILES	155.92	040118	PS009			P N W SPONSORSHIPS	65.60.491.08.5398
181400	04/28/23	SPONSORSHIP-PED SMILES	103.95	040118	PS009			P N W CONTRACT LABOR	60.60.415.08.5397
181400	04/28/23	SPONSORSHIP-REDWOOD PED	635.25	040119	RP005			P N W MISCELLANEOUS FE	61.60.458.08.5399
181400	04/28/23	SPONSORSHIP-REDWOOD PED	311.85	040119	RP005			P N W SPONSORSHIPS	65.60.491.08.5398
181400	04/28/23	SPONSORSHIP-REDWOOD PED	207.90	040119	RP005			P N W CONTRACT LABOR	60.60.415.08.5397
			3,030.00	*CHECK TOTAL					
		VENDOR TOTAL	3,030.00						
JONES/NATHAN 005257									
181401	04/28/23	CCTR SWIM INSTR	162.00	039948	4/16			P N W PRIVATE SWIMMING	65.60.417.08.8125
181401	04/28/23	CCTR SWIM INSTR	78.00	039948	4/16			P N W SEMI-PRIVATE SWI	65.60.417.08.8123
181401	04/28/23	CCTR SWIM INSTR	144.00	040120	4/23			P N W PRIVATE SWIMMING	65.60.417.08.8125
181401	04/28/23	CCTR SWIM INSTR	52.00	040120	4/23			P N W SEMI-PRIVATE SWI	65.60.417.08.8123
			436.00	*CHECK TOTAL					
		VENDOR TOTAL	436.00						

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VENDOR NAME AND NUMBER		CHECK#	DATE	DESCRIPTION	AMOUNT	CLAIM	INVOICE	PO#	F 9 S	ACCOUNT NAME	ACCOUNT
K C METRO CHAPTER APWA 000088		181402	04/28/23	MEMBERSHIP FEE	1,442.00	040124	15224		P - W	MEMBERSHIP DUES	10.70.201.38.5811
K C MO WATER DEPT 007653		181403	04/28/23	WTR SERVICE	8,181.32	040125	175798		P - W	WATER PURCHASES-	90.70.802.08.5390
K C WINWATER WORKS CO 002767		181404	04/28/23	WTR HYDRANT SERVICE BAGS	156.00	039949	308258 01		P - W	MAINS & LINES MA	90.70.801.14.5532
		181404	04/28/23	WTR INVENTORY	1,160.00	039950	308468 01		P - W	INVENTORY-MATERI	90.1700
		181404	04/28/23	WTR INVENTORY	3,815.00	039951	309039 01		P - W	INVENTORY-MATERI	90.1700
		181404	04/28/23	WTR SUPPLIES	423.00	039952	309039 01		P - W	MAINS & LINES MA	90.70.801.14.5532
		181404	04/28/23	WTR SUPPLIES-H HWY PROJ	1,411.00	040042	309296 01		P - W	CONST CNTRCT-CLA	94.70.801.36.7510
		181404	04/28/23	WTR INVENTORY	384.80	040043	309229 01		P - W	INVENTORY-MATERI	90.1700
					7,349.80	*CHECK TOTAL					
VENDOR TOTAL					7,349.80						
KANSAS CITY INDUSTRIAL C 005391		181405	04/28/23	WWT MAINT	824.60	040121	23-63		P - W	WWTR PLANT MAINT	92.70.902.14.5534
		181405	04/28/23	WWT MAINT	332.50	040122	23-167		P - W	WWTR PLANT MAINT	92.70.902.14.5534
		181405	04/28/23	WWT MAINT	4,825.60	040123	22-618		P - W	WWTR PLANT MAINT	92.70.902.14.5534
					5,982.70	*CHECK TOTAL					
VENDOR TOTAL					5,982.70						
KAPKE & WILLERTH LLC 007509		181406	04/28/23	LEGAL FEES	4,847.00	039953	66663		P N W	LEGAL FEES	10.20.021.08.5311
KITCHS LAWNCARE & LANDSC 006136		181407	04/28/23	CEM MOWING	2,100.00	039954	415	230055	P - W	MOWING CONTRACT	73.70.226.14.5577
		181407	04/28/23	CEM MOWING	2,100.00	040126	439	230055	P - W	MOWING CONTRACT	73.70.226.14.5577
					4,200.00	*CHECK TOTAL					
VENDOR TOTAL					4,200.00						
KNAPHEIDE TRUCK EQUIPMEN 002545		181408	04/28/23	WTR #401 BACKUP CAMERA	730.00	039955	KCJ136302		P - W	VEHICLE MAINTENA	90.70.801.14.5541
KOHL WHOLESALE INC 000713		181409	04/28/23	PKS CONCESSION FOOD	2,830.58	039956	366161	230040	P - W	CONCESSION	61.60.458.04.5007
		181409	04/28/23	PKS CONCESSION FOOD	2,688.73	040127	370921	230040	P - W	CONCESSION	61.60.458.04.5007
					5,519.31	*CHECK TOTAL					
VENDOR TOTAL					5,519.31						
KONICA MINOLTA BUSINESS 005910		181410	04/28/23	PKS COPIER LEASE	289.42	039957	498903392		P - W	OFFICE EQUIPMENT	61.60.458.14.5551
L-L TOWING CO 002879		181411	04/28/23	ST #710 TOW	270.00	039958	85641		P N W	VEHICLE MAINTENA	10.70.225.14.5541
		181411	04/28/23	WTR MOVED CAR-PARK LOT	85.00	040044	85654		P N W	MAINS & LINES MA	90.70.801.14.5532
					355.00	*CHECK TOTAL					
VENDOR TOTAL					355.00						

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CHECK#	DATE	DESCRIPTION	AMOUNT	CLAIM	INVOICE	PO#	F 9 S ACCOUNT NAME	ACCOUNT
LANDWORKS STUDIO, LLC 000504								
181412	04/28/23	PRKS MASTER PLAN PROJECT	2,526.64	039960	22-003-10	220072	F - W MISCELLANEOUS EX	10.95.140.38.5989
181412	04/28/23	PRKS MASTER PLAN PROJECT	484.81	039961	22-003-10		P - W MISCELLANEOUS EX	10.95.140.38.5989
			3,011.45	*CHECK TOTAL				
		VENDOR TOTAL	3,011.45					
LG SONIC US, LLC 000619								
181413	04/28/23	WWT ALGAE CONTROL	18,164.50	040133	2300323	230053	F - W MINOR EQUIPMENT	92.70.902.18.5601
LIBERTY AGGREGATES LLC 004693								
181414	04/28/23	ROCK-H HWY PROJECT	549.00	039962	21594		P - W CONST CNTRCT-CLA	94.70.801.36.7510
181414	04/28/23	WTR HAINES HYDRANT REPL	294.71	039962	21594		P - W MAINS & LINES MA	90.70.801.14.5532
181414	04/28/23	ROCK-H HWY PROJECT	552.36	039963	21662		P - W CONST CNTRCT-CLA	94.70.801.36.7510
181414	04/28/23	WTR STOCKPILE	133.28	039963	21662		P - W MAINS & LINES MA	90.70.801.14.5532
181414	04/28/23	WWT STOCKPILE	133.29	039963	21662		P - W MAINS & LINES MA	92.70.901.14.5532
181414	04/28/23	PKS ROCK FOR DOG PARK	477.03	039964	21725		P - W EQUIPMENT-CHARIT	60.60.415.36.7201
			2,139.67	*CHECK TOTAL				
		VENDOR TOTAL	2,139.67					
LIBERTY HOSPITAL 000562								
181415	04/28/23	REFUND DBL SPONSOR PMT	1,925.00	039965	1793337		P M W MISCELLANEOUS FE	61.60.458.08.5399
181415	04/28/23	REFUND DBL SPONSOR PMT	945.00	039965	1793337		P M W SPONSORSHIPS	65.60.491.08.5398
181415	04/28/23	REFUND DBL SPONSOR PMT	630.00	039965	1793337		P M W CONTRACT LABOR	60.60.415.08.5397
			3,500.00	*CHECK TOTAL				
		VENDOR TOTAL	3,500.00					
LIBERTY HOSPITAL URGENT 000690								
181416	04/28/23	HR TESTING FEES	4,041.00	040128	00126550-00		P M W RECRUITMENT EXPE	10.25.011.08.5372
181416	04/28/23	HR MONTHLY TESTING	855.00	040128	00126550-00		P M W MISCELLANEOUS FE	10.25.011.08.5399
			4,896.00	*CHECK TOTAL				
		VENDOR TOTAL	4,896.00					
LIBERTY ROOFING INC 005207								
181417	04/28/23	PKS CITY PARK GUTTERS	875.00	040045	1426-1925		P - W BUILDING MAINTEN	60.60.420.14.5571
LIBERTY SPORTS OFFICIALS 009209								
181418	04/28/23	PKS OFFICIATING SERVICES	919.00	040129	SPRING-7-2023	230011	P - W CONTRACT LABOR	61.60.458.08.5397
181418	04/28/23	PKS OFFICIATING SERVICES	4,239.00	040130	SPRING 7-2023	230011	P - W CONTRACT LABOR	61.60.458.08.5397
181418	04/28/23	PKS OFFICIATING SERVICES	7,264.00	040131	SPRING 8-2023	230011	P - W CONTRACT LABOR	61.60.458.08.5397
181418	04/28/23	PKS OFFICIATING SERVICES	450.00	040132	SPRING 9-2023	230011	P - W CONTRACT LABOR	61.60.458.08.5397
			12,872.00	*CHECK TOTAL				
		VENDOR TOTAL	12,872.00					
LINEAGE MAILING SERVICES 000391								
181419	04/28/23	UTIL BILL PROCESSING	65.32	040046	202742		P N W OUTSIDE PRINTING	90.30.133.04.5120
181419	04/28/23	UTIL BILL PROCESSING	65.31	040046	202742		P N W OUTSIDE PRINTING	92.30.134.04.5120
181419	04/28/23	UTIL BILL POSTAGE	197.27	040046	202742		P N W POSTAGE	90.30.133.38.5808
181419	04/28/23	UTIL BILL POSTAGE	197.26	040046	202742		P N W POSTAGE	92.30.134.38.5808
181419	04/28/23	UTIL BILL PROCESSING	401.54	040047	202740		P N W OUTSIDE PRINTING	90.30.133.04.5120
181419	04/28/23	UTIL BILL PROCESSING	401.53	040047	202740		P N W OUTSIDE PRINTING	92.30.134.04.5120
181419	04/28/23	UTIL BILL POSTAGE	1,016.07	040047	202740		P N W POSTAGE	90.30.133.38.5808

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CHECK#	DATE	DESCRIPTION	AMOUNT	CLAIM	INVOICE	PO#	F 9 S ACCOUNT NAME	ACCOUNT
LINEAGE MAILING SERVICES 000391								
181419	04/28/23	UTIL BILL POSTAGE	1,016.07	040047	202740		P N W POSTAGE	92.30.134.38.5808
181419	04/28/23	UTIL BILL PROCESSING	62.87	040048	202743		P N W OUTSIDE PRINTING	90.30.133.04.5120
181419	04/28/23	UTIL BILL PROCESSING	62.87	040048	202743		P N W OUTSIDE PRINTING	92.30.134.04.5120
181419	04/28/23	UTIL BILL POSTAGE	187.18	040048	202743		P N W POSTAGE	90.30.133.38.5808
181419	04/28/23	UTIL BILL POSTAGE	187.18	040048	202743		P N W POSTAGE	92.30.134.38.5808
181419	04/28/23	UTIL BILL PROCESSING	359.59	040049	202741		P N W OUTSIDE PRINTING	90.30.133.04.5120
181419	04/28/23	UTIL BILL PROCESSING	359.59	040049	202741		P N W OUTSIDE PRINTING	92.30.134.04.5120
181419	04/28/23	UTIL BILL POSTAGE	905.09	040049	202741		P N W POSTAGE	90.30.133.38.5808
181419	04/28/23	UTIL BILL POSTAGE	905.09	040049	202741		P N W POSTAGE	92.30.134.38.5808
			6,389.83	*CHECK TOTAL				
		VENDOR TOTAL	6,389.83					
MAR-JIM CONTRACTING LLC 004230								
181420	04/28/23	ST SLP END TERMINAL	4,200.00	039966	199SOFTSTOP		P N W ASPHALT-STREET R	50.75.607.14.5621
METROPOLITAN TELECOMM; M 000243								
181421	04/28/23	T&L POTS LINES	777.61	039967	01005310623118		P - W TELECOMMUNICATIO	10.90.132.12.5455
MISSISSIPPI LIME CO INC 005761								
181422	04/28/23	WTR HYDRATED LIME	8,193.81	039968	1665455	230034	P - W CHEMICALS	90.70.802.04.5010
181422	04/28/23	WTR HYDRATED LIME	7,772.95	040134	1666486	230034	P - W CHEMICALS	90.70.802.04.5010
			15,966.76	*CHECK TOTAL				
		VENDOR TOTAL	15,966.76					
MISSOURI LIFE INC 006385								
181424	04/28/23	VISIT LIB ADS	1,667.00	040135	2023-6535		P - W ADVERTISING	67.20.061.08.5371
181424	04/28/23	VISIT LIB ADS	1,667.00	040136	2023-6536		P - W ADVERTISING	67.20.061.08.5371
181424	04/28/23	VISIT LIB ADS	1,667.00	040137	2023-6537		P - W ADVERTISING	67.20.061.08.5371
			5,001.00	*CHECK TOTAL				
		VENDOR TOTAL	5,001.00					
MO STATE HIGHWAY PATROL 001184								
181425	04/28/23	POL FINGERPRINTING	99.75	040050	812HP023XLPD03		P - W REGISTRATION FEE	10.40.500.06.5251
MO WATER & WASTEWATER CO 005708								
181426	04/28/23	WTR MEMBERSHIPS-3	105.00	039969	04252023		P - W REGISTRATION FEE	90.70.801.06.5251
MOAZ CONSTRUCTION INC 006100								
181427	04/28/23	WTR CONCRETE	9,867.00	039970	99		P - W MAINS & LINES MA	90.70.801.14.5532
181427	04/28/23	WTR CONCRETE	9,868.50	040138	100		P - W MAINS & LINES MA	90.70.801.14.5532
			19,735.50	*CHECK TOTAL				
		VENDOR TOTAL	19,735.50					
MOCCFOA 008481								
181423	04/28/23	MEMBERSHIP	10.00	040159	RANES		P - W REGISTRATION FEE	10.20.021.06.5251
MOSQUITO SQUAD OF THE 000538								
181428	04/28/23	PKS MOSQUITO TREATMENT	300.00	039971	JUNE 16		P N W RECREATION SUPPL	60.60.415.04.5004

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MOSQUITO SQUAD OF THE 000538								
181428	04/28/23	PKS MOSQUITO TREATMENT	300.00	039972	JULY 28		P N W RECREATION SUPPL	60.60.415.04.5004
			600.00	*CHECK TOTAL				
		VENDOR TOTAL	600.00					
NAPA AUTO PARTS 004359								
181429	04/28/23	WTR VEH SUPPLIES	86.41	039973	6078-182596		P - W VEHICLE MAINTENA	90.70.801.14.5541
181429	04/28/23	WTR VEH SUPPLIES	86.41	039973	6078-182596		P - W VEHICLE MAINTENA	92.70.901.14.5541
			172.82	*CHECK TOTAL				
		VENDOR TOTAL	172.82					
NATL BUSINESS FURNITURE 005011								
181430	04/28/23	HR DESK	1,724.10	040139	ZK203809		P - W OTHER	10.25.011.38.5989
NEW THEATRE RESTAURANT I 008537								
181431	04/28/23	AGING DAY TRIP DEPOSIT	25.00	039974	1096219		P - W MISCELLANEOUS SU	10.60.481.04.5099
181431	04/28/23	AGING DAY TRIP DEPOSIT	25.00	039975	1096292		P - W MISCELLANEOUS SU	10.60.481.04.5099
181431	04/28/23	AGING DAY TRIP DEPOSIT	25.00	039976	1096365		P - W MISCELLANEOUS SU	10.60.481.04.5099
181431	04/28/23	AGING DAY TRIP DEPOSIT	25.00	039977	1096548		P - W MISCELLANEOUS SU	10.60.481.04.5099
181431	04/28/23	AGING DAY TRIP DEPOSIT	25.00	039978	1096634		P - W MISCELLANEOUS SU	10.60.481.04.5099
			125.00	*CHECK TOTAL				
		VENDOR TOTAL	125.00					
NORTHLAND READY-MIX INC 000357								
181432	04/28/23	WTR CONCRETE	613.50	040051	186590		P - W MAINS & LINES MA	90.70.801.14.5532
NPG NEWSPAPERS INC 000221								
181433	04/28/23	FIN SUBSCRIPTION	63.75	039979	348309		P - W ADVERTISING	10.30.130.08.5371
ONE BEAT MEDICAL 000534								
181434	04/28/23	FIRE BATTERIES-2	1,038.00	040052	INV246254		P N W MEDICAL SUPPLIES	10.50.311.04.5003
OUTDOOR RESTROOMS LLC 003763								
181435	04/28/23	PKS PORT A POTS	61.00	040140	692867		P - W RECREATION SUPPL	61.60.458.04.5004
PACE ANALYTICAL SERVICES 005664								
181436	04/28/23	WWTP LAB SERVICES	1,025.10	039980	2360181156	230015	P - W LAB FEES	92.70.902.08.5365
181436	04/28/23	WWTP LAB SERVICES	1,269.40	039981	2360181178	230015	P - W LAB FEES	92.70.902.08.5365
181436	04/28/23	WWT LAB SERVICES	501.70	040053	2360181641		P - W PRETREATMENT PRO	92.70.902.08.5388
181436	04/28/23	WTR CHEMICAL TESTING	1,074.40	040141	2360180730	230074	P - W LAB FEES	90.70.802.08.5365
181436	04/28/23	WWTP LAB SERVICES	809.40	040142	2360181622	230015	P - W LAB FEES	92.70.902.08.5365
			4,680.00	*CHECK TOTAL				
		VENDOR TOTAL	4,680.00					
PETTY CASH/LIBERTY COMM 003524								
181437	04/28/23	AGING PARTY SUPPLIES	100.00	040143	PETTY CASH		P - W PROGRAM SUPPLIES	10.60.483.04.5099
181437	04/28/23	PKS MILEAGE	63.75	040143	PETTY CASH		P - W MISCELLANEOUS EX	61.60.458.38.5989
181437	04/28/23	PKS MILEAGE	195.65	040143	PETTY CASH		P - W MISCELLANEOUS EX	61.60.458.38.5989
181437	04/28/23	MILEAGE	100.00	040143	PETTY CASH		P - W A/R REIMBURSEABL	10.1405
			459.40	*CHECK TOTAL				
		VENDOR TOTAL	459.40					

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PIONEER MANUFACTURING CO 005853								
181438	04/28/23	PKS FIELD PAINT,PITCH	1,602.60	039982	INV878025		P - W RECREATION SUPPL	61.60.458.04.5004
PLOTBOX INC 000543								
181439	04/28/23	T&L PLOTBOX SW MAINT	3,200.00	039983	INV3304		P - W SOFTWARE MAINTEN	10.90.132.14.5591
181439	04/28/23	T&L PLOTBOX SW MAINT	1,600.00	039983	INV3304		P - W OTHER PREPAYMENT	10.1810
			4,800.00	*CHECK TOTAL				
		VENDOR TOTAL	4,800.00					
PRIDE CLEANERS 000186								
181440	04/28/23	POL UNIFORM CLEANING	610.25	039984	333472-033123		P - W CLOTHING EXPENSE	10.40.500.38.5812
181440	04/28/23	POL JAIL LAUNDRY	171.00	039985	168997-033123		P - W CLOTHING EXPENSE	10.40.500.38.5812
181440	04/28/23	FIRE UNIFORM CLEANING	1.99	039986	333659-033123		P - W CLOTHING EXPENSE	10.50.301.38.5812
			783.24	*CHECK TOTAL				
		VENDOR TOTAL	783.24					
PRINTING UNLIMITED 004763								
181441	04/28/23	POL BUSINESS CARDS	209.32	040054	68989		P - W OUTSIDE PRINTING	10.40.500.04.5120
181441	04/28/23	POL BUSINESS CARDS	156.99	040055	68990		P - W OUTSIDE PRINTING	10.40.500.04.5120
			366.31	*CHECK TOTAL				
		VENDOR TOTAL	366.31					
PROFESSIONAL PEST SOLUTI 006333								
181442	04/28/23	PWK PEST CONTROL	43.00	039987	11913		P - W BUILDING MAINTEN	10.70.225.14.5571
181442	04/28/23	PWK PEST CONTROL	40.00	040144	11978		P - W FACILITIES MAINT	10.70.221.14.5572
181442	04/28/23	PKS PEST CONTROL	150.00	040145	11990		P - W MISCELLANEOUS EX	61.60.458.38.5989
			233.00	*CHECK TOTAL				
		VENDOR TOTAL	233.00					
R J KOOL COMPANY INC 004815								
181443	04/28/23	FIRE WASH MACH ELEC RPRS	1,082.00	040056	00949249		P - W BUILDING MAINTEN	10.50.300.14.5571
REJIS COMMISSION 006030								
181444	04/28/23	COURT FEES	92.55	040146	506405		P - W MISCELLANEOUS FE	10.20.131.08.5399
REPUBLIC SERVICES #468 008397								
181445	04/28/23	DUMPSTER SERVICE	3,628.46	039988	0468-004043324		P - W FEES-BIOSOLID DI	92.70.902.08.5370
181445	04/28/23	DUMPSTER SERVICE	305.02	039988	0468-004043324		P - W CONTRACT LABOR	90.70.801.08.5397
181445	04/28/23	DUMPSTER SERVICE	305.02	039988	0468-004043324		P - W CONTRACT LABOR	92.70.901.08.5397
181445	04/28/23	DUMPSTER SERVICE	498.97	039989	0468-004043515		P - W MISCELLANEOUS FE	92.70.902.08.5399
181445	04/28/23	DUMPSTER SERVICE	498.96	039989	0468-004043515		P - W CONTRACT LABOR	90.70.801.08.5397
181445	04/28/23	DUMPSTER SERVICE	498.97	039989	0468-004043515		P - W CONTRACT LABOR	92.70.901.08.5397
			5,735.40	*CHECK TOTAL				
		VENDOR TOTAL	5,735.40					
RICOH USA, INC 000314								
181446	04/28/23	POL COPIER LEASE	46.94	039990	5067105468		P - W COPIER LEASE & U	10.40.512.04.5110
181446	04/28/23	ACTL COPIER LEASE	91.26	040147	37783231		P - W MINOR EQUIPMENT	10.20.051.18.5601
181446	04/28/23	ACTL COPIER LEASE	110.28	040148	5067104143		P - W MINOR EQUIPMENT	10.20.051.18.5601

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CHECK#	DATE	DESCRIPTION	AMOUNT	CLAIM	INVOICE	PO#	F 9 S ACCOUNT NAME	ACCOUNT
RICOH USA, INC 000314								
181446	04/28/23	ACTL COPIER LEASE	91.26	040149	37926966		P - W MINOR EQUIPMENT	10.20.051.18.5601
181446	04/28/23	FIN COPIER LEASE	139.85	040150	37926655		P - W COPIER LEASE & U	10.30.130.04.5110
181446	04/28/23	COPIER LEASE	105.53	040151	37927353		P - W COPIER LEASE & U	10.20.131.04.5110
			585.12	*CHECK TOTAL				
		VENDOR TOTAL	585.12					
SAMS CLUB DISCOVER-GEGRS 003621								
1883	04/20/23	COURT SUPPLIES	41.98	039886	MARCH		P - H GENERAL SUPPLIES	10.20.131.04.5001
1883	04/20/23	FIN SUPPLIES	55.01	039886	MARCH		P - H GENERAL SUPPLIES	10.30.130.04.5001
1883	04/20/23	AGING SUPPLIES	24.46	039886	MARCH		P - H GENERAL SUPPLIES	10.60.483.04.5001
1883	04/20/23	PKS SUPPLIES	2,321.98	039886	MARCH		P - H RECREATION SUPPL	61.60.458.04.5004
1883	04/20/23	CCTR SUPPLIES	40.04	039886	MARCH		P - H GENERAL SUPPLIES	65.60.491.04.5001
1883	04/20/23	CCTR SUPPLIES	33.94	039886	MARCH		P - H MAINTENANCE MATE	65.60.491.04.5009
1883	04/20/23	WTR SUPPLIES	55.01	039886	MARCH		P - H GENERAL SUPPLIES	90.30.133.04.5001
			2,572.42	*CHECK TOTAL				
		VENDOR TOTAL	2,572.42					
SCHMIDT FARMS 006267								
181448	04/28/23	STRAW BALES-H HWY PROJ	630.00	040058	1459		P N W CONST CNTRCT-CLA	94.70.801.36.7510
SECURITAS TECHNOLOGY COR 000647								
181449	04/28/23	WTR MAINT,MONITOR FEES	868.56	040057	6003258686		P - W CONTRACT LABOR	90.70.802.08.5397
SHOGER/LAUREL 005680								
181450	04/28/23	CCTR SWIM INSTR	162.00	039991	4/16		P N W PRIVATE SWIMMING	65.60.417.08.8125
181450	04/28/23	CCTR SWIM INSTR	144.00	040152	4/23		P N W PRIVATE SWIMMING	65.60.417.08.8125
			306.00	*CHECK TOTAL				
		VENDOR TOTAL	306.00					
SHRED IT 001928								
181451	04/28/23	SHREDDING SERVICE	115.77	039992	8003572263		P - W MISCELLANEOUS FE	10.40.500.08.5399
181451	04/28/23	SHREDDING SERVICE	19.70	039992	8003572263		P - W MISCELLANEOUS FE	10.20.131.08.5399
181451	04/28/23	SHREDDING SERVICE	19.70	039992	8003572263		P - W MISCELLANEOUS FE	10.25.011.08.5399
181451	04/28/23	SHREDDING SERVICE	26.69	039992	8003572263		P - W MISCELLANEOUS FE	10.20.021.08.5399
181451	04/28/23	SHREDDING SERVICE	29.08	039992	8003572263		P - W MISCELLANEOUS FE	10.30.130.08.5399
			210.94	*CHECK TOTAL				
		VENDOR TOTAL	210.94					
SO PLATTE FIRE PROTECTIO 000644								
181452	04/28/23	FIRE INST BOOK-1	75.00	039993	23-041		P - W TRAINING COSTS	10.50.315.06.5259
SPIRE MISSOURI INC 005357								
1893	04/28/23	GAS SERVICE	238.53	040066	MARCH		P - H NATURAL GAS	61.60.458.12.5421
1893	04/28/23	GAS SERVICE	813.00	040066	MARCH		P - H NATURAL GAS	10.50.300.12.5421
1893	04/28/23	GAS SERVICE	482.83	040066	MARCH		P - H NATURAL GAS	10.50.300.12.5421
1893	04/28/23	GAS SERVICE	458.94	040066	MARCH		P - H NATURAL GAS	10.50.300.12.5421
1893	04/28/23	GAS SERVICE	4,046.08	040066	MARCH		P - H NATURAL GAS	10.70.221.12.5421
1893	04/28/23	GAS SERVICE	699.25	040066	MARCH		P - H NATURAL GAS	10.70.225.12.5421
1893	04/28/23	GAS SERVICE	3,161.73	040066	MARCH		P - H NATURAL GAS	65.60.491.12.5421
1893	04/28/23	GAS SERVICE	745.73	040066	MARCH		P - H NATURAL GAS	10.70.225.12.5421

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SPIRE MISSOURI INC 005357									
1893	04/28/23	GAS SERVICE	141.60	040066	MARCH		P - H	NATURAL GAS	90.70.802.12.5421
1893	04/28/23	GAS SERVICE	546.92	040066	MARCH		P - H	NATURAL GAS	10.20.051.12.5421
1893	04/28/23	GAS SERVICE	46.00	040066	MARCH		P - H	NATURAL GAS	90.70.802.12.5421
1893	04/28/23	GAS SERVICE	144.65	040066	MARCH		P - H	NATURAL GAS	92.70.902.12.5421
1893	04/28/23	GAS SERVICE	144.65	040066	MARCH		P - H	NATURAL GAS	92.70.901.12.5421
1893	04/28/23	GAS SERVICE	144.66	040066	MARCH		P - H	NATURAL GAS	90.70.801.12.5421
1893	04/28/23	GAS SERVICE	567.81	040066	MARCH		P - H	NATURAL GAS	60.60.420.12.5421
			12,382.38	*CHECK TOTAL					
		VENDOR TOTAL	12,382.38						
SUGAR CREEK MUNICIPAL CO 000589									
181453	04/28/23	RECIPROCAL BONDS	500.00	040059	FRUEAN,HALLE A		P - W	RECIPROCAL CASH	10.2441
SUMNERONE INC 005662									
181454	04/28/23	TONER CARTRIDGE	20.89	039994	3539531		P - W	GENERAL SUPPLIES	90.70.801.04.5001
181454	04/28/23	TONER CARTRIDGE	20.89	039994	3539531		P - W	GENERAL SUPPLIES	92.70.901.04.5001
181454	04/28/23	POL TONER CARTRIDGE	64.00	040060	3549164		P - W	GENERAL SUPPLIES	10.40.500.04.5001
			105.78	*CHECK TOTAL					
		VENDOR TOTAL	105.78						
SUTTON/KATELYN DANIELLE 000327									
181455	04/28/23	CCTR SWIM INSTR	20.00	039995	4/18		P N W	PRE-SEASON CONDI	65.60.417.08.8114
181455	04/28/23	CCTR SWIM INSTR	16.00	039995	4/18		P N W	PRIVATE SWIMMING	65.60.417.08.8125
181455	04/28/23	CCTR SWIM INSTR	40.00	039995	4/18		P N W	SWIM TEAM BASICS	65.60.417.08.8121
181455	04/28/23	CCTR SWIM INSTR	25.00	039995	4/18		P N W	SWIM TEAM COMPET	65.60.417.08.8113
181455	04/28/23	CCTR SWIM INSTR	50.00	039995	4/18		P N W	SWIM TEAM BASICS	65.60.417.08.8121
181455	04/28/23	CCTR SWIM INSTR	20.00	040153	4/18-4/24		P N W	PRE-SEASON CONDI	65.60.417.08.8114
181455	04/28/23	CCTR SWIM INSTR	32.00	040153	4/18-4/24		P N W	PRIVATE SWIMMING	65.60.417.08.8125
181455	04/28/23	CCTR SWIM INSTR	40.00	040153	4/18-4/24		P N W	SWIM TEAM BASICS	65.60.417.08.8121
181455	04/28/23	CCTR SWIM INSTR	40.00	040153	4/18-4/24		P N W	SWIM TEAM BASICS	65.60.417.08.8121
181455	04/28/23	CCTR SWIM INSTR	75.00	040153	4/18-4/24		P N W	SWIM TEAM COMPET	65.60.417.08.8113
			358.00	*CHECK TOTAL					
		VENDOR TOTAL	358.00						
SWIMTOPIA 000544									
181456	04/28/23	CCTR PREM ATHLETE FEES	150.00	039996	12306		P - W	SWIM TEAM	65.60.417.08.8124
TAXPAYERS UNLIMITED INC 004954									
181458	04/28/23	FIRE DUES	20.00	040061	APRIL		P - W	UNION DUES PAYAB	10.2188
TECHNOLOGY GROUP SOLUTIO 004267									
181459	04/28/23	T&L HPE MAINT RENEWAL	11,365.86	039997	52282		P - W	IT MAINTENANCE &	10.90.132.14.5555
181459	04/28/23	T&L HPE MAINT RENEWAL	3,788.62	039997	52282		P - W	OTHER PREPAYMENT	10.1810
			15,154.48	*CHECK TOTAL					
		VENDOR TOTAL	15,154.48						
TETRA TECH INC 006146									
181460	04/28/23	WTR LEE CHEMICAL	3,819.00	039998	52048587		P - W	MISCELLANEOUS FE	90.70.802.08.5345

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ULINE, INC 000630									
181461	04/28/23	POL PRISONER PROP CAGE	570.00	039999	161868237			P - W MINOR EQUIPMENT	10.40.512.18.5601
181461	04/28/23	POL PRISONER PROP CAGE	750.00	039999	161868237			P - W PROPERTY ROOM SU	10.40.511.04.5052
181461	04/28/23	POL PRISONER PROP CAGE	501.35	039999	161868237			P - W GENERAL SUPPLIES	10.40.500.04.5001
			1,821.35	*CHECK TOTAL					
		VENDOR TOTAL	1,821.35						
UMB BANK N A 004100									
1884	04/20/23	WWT SRF 2005C	2,183.42	039887	4/25/23			P - H SRF 2005 INTERES	92.2502
1884	04/20/23	WWT SRF 2005C	33,333.33	039887	4/25/23			P - H TRUSTEE SRF PRIN	92.1274
			35,516.75	*CHECK TOTAL					
1885	04/20/23	SO BONDS 2019B	65,000.00	039888	SO BONDS 2019B			P - H PRINCIPAL-SPECIA	10.40.500.24.6008
1885	04/20/23	SO BONDS 2019B	110,000.00	039888	SO BONDS 2019B			P - H LEASE-PRINCIPAL	10.90.132.24.6001
1885	04/20/23	SO BONDS 2019B	10,000.00	039888	SO BONDS 2019B			P - H PRIN 2019 SO BON	61.60.458.24.6001
1885	04/20/23	SO BONDS 2019B	5,000.00	039888	SO BONDS 2019B			P - H PRIN 2019 SO BON	61.60.458.24.6001
1885	04/20/23	SO BONDS 2019B	2,600.00	039888	SO BONDS 2019B			P - H INTEREST-SPECIAL	10.40.500.24.6018
1885	04/20/23	SO BONDS 2019B	4,500.00	039888	SO BONDS 2019B			P - H LEASE-INTEREST	10.90.132.24.6011
1885	04/20/23	SO BONDS 2019B	16,934.37	039888	SO BONDS 2019B			P - H INT 2019 SO BOND	61.60.458.24.6011
1885	04/20/23	SO BONDS 2019B	17,800.00	039888	SO BONDS 2019B			P - H INT 2019 SO BOND	61.60.458.24.6011
			231,834.37	*CHECK TOTAL					
1886	04/20/23	SO BONDS 2019A	270,000.00	039889	SO BONDS 2019A			P - H PRIN 2019 SO BON	61.60.458.24.6008
1886	04/20/23	SO BONDS 2019A	10,375.00	039889	SO BONDS 2019A			P - H INT 2019 SO BOND	61.60.458.24.6018
			280,375.00	*CHECK TOTAL					
1887	04/20/23	SO BONDS 2018	60,000.00	039891	LS08			P - H PRINCIPAL-SPECIA	10.40.500.24.6008
1887	04/20/23	SO BONDS 2018	95,000.00	039891	LS08			P - H LEASE-PRINCIPAL	10.90.132.24.6001
1887	04/20/23	SO BONDS 2018	157,225.00	039891	LS08			P - H PRINCIPAL	10.95.051.24.6001
1887	04/20/23	SO BONDS 2018	190,000.00	039891	LS08			P - H PRINCIPAL	10.95.415.24.6001
1887	04/20/23	SO BONDS 2018	3,237.00	039891	LS08			P - H PRINCIPAL-SO BON	50.96.601.24.6002
1887	04/20/23	SO BONDS 2018	19,615.00	039891	LS08			P - H PRINCIPAL	54.60.432.24.6001
1887	04/20/23	SO BONDS 2018	274,923.00	039891	LS08			P - H PRINCIPAL	56.76.613.24.6001
1887	04/20/23	SO BONDS 2018	66,600.00	039891	LS08			P - H ACCRUED CURRENT	90.2510
1887	04/20/23	SO BONDS 2018	113,400.00	039891	LS08			P - H ACCRUED CURRENT	92.2510
1887	04/20/23	SO BONDS 2018	1,500.00	039891	LS08			P - H INTEREST-SPECIAL	10.40.500.24.6018
1887	04/20/23	SO BONDS 2018	2,375.00	039891	LS08			P - H LEASE-INTEREST	10.90.132.24.6011
1887	04/20/23	SO BONDS 2018	42,485.47	039891	LS08			P - H INTEREST	10.95.051.24.6011
1887	04/20/23	SO BONDS 2018	53,856.25	039891	LS08			P - H INTEREST	10.95.415.24.6011
1887	04/20/23	SO BONDS 2018	745.41	039891	LS08			P - H INTEREST-SO BOND	50.96.601.24.6012
1887	04/20/23	SO BONDS 2018	7,759.66	039891	LS08			P - H INTEREST	54.60.432.24.6011
1887	04/20/23	SO BONDS 2018	64,903.22	039891	LS08			P - H INTEREST	56.76.613.24.6011
1887	04/20/23	SO BONDS 2018	28,104.95	039891	LS08			P - H ACCRUED BOND INT	90.2500
1887	04/20/23	SO BONDS 2018	47,854.41	039891	LS08			P - H ACCRUED INTEREST	92.2500
			1,229,584.37	*CHECK TOTAL					
1888	04/20/23	SO BONDS 2015	85,000.00	039890	LIB6			P - H PRINCIPAL-SPECIA	54.60.415.24.6008
1888	04/20/23	SO BONDS 2015	475,000.00	039890	LIB6			P - H PRINCIPAL-SO BON	56.96.601.24.6002
1888	04/20/23	SO BONDS 2015	230,000.00	039890	LIB6			P - H PRINCIPAL-SO BON	56.96.601.24.6008
1888	04/20/23	SO BONDS 2015	11,271.85	039890	LIB6			P - H INTEREST-SPECIAL	54.60.415.24.6018
1888	04/20/23	SO BONDS 2015	112,918.75	039890	LIB6			P - H INTEREST-SO BOND	56.96.601.24.6012

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UMB BANK N A 004100								
1888	04/20/23	SO BONDS 2015	54,753.13		039890 LIB6		P - H INTEREST-SO BOND	56.96.601.24.6018
			968,943.73		*CHECK TOTAL			
		VENDOR TOTAL	2,746,254.22					
UNIFIRST CORPORATION 002825								
181462	04/28/23	CCTR MATS	125.94	040000	3281027888		P - W MISC EQUIPMENT M	65.60.491.14.5559
181462	04/28/23	CCTR MATS	125.94	040154	3281032997		P - W MISC EQUIPMENT M	65.60.491.14.5559
			251.88		*CHECK TOTAL			
		VENDOR TOTAL	251.88					
UTILITY SERVICE CO INC 005709								
181463	04/28/23	WTR GORDON TOWER	16,289.59	040001	579309		P - W WATER TOWERS MAI	90.70.802.14.5537
VALIDITY SCREENING SOLUT 004846								
181464	04/28/23	HR BACKGROUND CHECKS	845.15	040062	229610		P - W RECRUITMENT EXPE	10.25.011.08.5372
VALVOLINE LLC 005460								
181465	04/28/23	POL #205 OIL CHANGE	34.99	040002	53290		P - W VEHICLE MAINTENA	10.40.500.14.5541
VANCE BROTHERS INC 000957								
181466	04/28/23	ST ASPHALT	432.00	040003	IG00019268		P - W ASPHALT-STREET R	50.75.607.14.5621
181466	04/28/23	ST ASPHALT	264.66	040004	IG00019234		P - W ASPHALT-STREET R	50.75.607.14.5621
181466	04/28/23	ST ASPHALT	864.00	040155	IG00019443		P - W ASPHALT-STREET R	50.75.607.14.5621
181466	04/28/23	ST ASPHALT	820.38	040156	IS00019412		P - W ASPHALT-STREET R	50.75.607.14.5621
			2,381.04		*CHECK TOTAL			
		VENDOR TOTAL	2,381.04					
VECTOR SOLUTIONS 006324								
181457	04/28/23	POL VECTOR BUNDLES	582.80	040157	INV69015		P - W SOFTWARE MAINTEN	10.40.512.14.5591
VERIZON 008933								
181467	04/28/23	MOBILE PHONE SERVICE	4,836.70	040014	9932114024		P - W MOBILE PHONES	10.90.132.12.5453
181467	04/28/23	MOBILE PHONE SERVICE	520.38	040014	9932114024		P - W MISC EQUIPMENT M	10.40.511.14.5559
181467	04/28/23	MOBILE PHONE SERVICE	480.29	040014	9932114024		P - W MOBILE PHONES	10.50.311.12.5453
181467	04/28/23	MOBILE PHONE SERVICE	222.25	040014	9932114024		P - W MOBILE PHONES	60.60.415.12.5453
181467	04/28/23	MOBILE PHONE SERVICE	45.45	040014	9932114024		P - W MOBILE PHONES	10.60.481.12.5453
181467	04/28/23	MOBILE PHONE SERVICE	217.25	040014	9932114024		P - W MOBILE PHONES	65.60.491.12.5453
181467	04/28/23	MOBILE PHONE SERVICE	176.80	040014	9932114024		P - W MOBILE PHONES	60.60.420.12.5453
181467	04/28/23	MOBILE PHONE SERVICE	333.40	040014	9932114024		P - W MOBILE PHONES	61.60.458.12.5453
181467	04/28/23	MOBILE PHONE SERVICE	217.25	040014	9932114024		P - W MOBILE PHONES	10.60.482.12.5453
181467	04/28/23	MOBILE PHONE SERVICE	86.94	040014	9932114024		P - W MOBILE PHONES	92.70.903.12.5453
181467	04/28/23	MOBILE PHONE SERVICE	272.70	040014	9932114024		P - W MOBILE PHONES	92.30.134.12.5453
181467	04/28/23	MOBILE PHONE SERVICE	894.01	040014	9932114024		P - W MOBILE PHONES	92.70.901.12.5453
181467	04/28/23	MOBILE PHONE SERVICE	462.75	040014	9932114024		P - W MOBILE PHONES	92.70.902.12.5453
181467	04/28/23	MOBILE PHONE SERVICE	45.45	040014	9932114024		P - W MOBILE PHONES	90.70.803.12.5453
181467	04/28/23	MOBILE PHONE SERVICE	388.19	040014	9932114024		P - W MOBILE PHONES	90.70.802.12.5453
			9,199.81		*CHECK TOTAL			
		VENDOR TOTAL	9,199.81					

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VETERINARY CENTER OF LIB 004817								
181468	04/28/23	ACTL VET SERVICES	45.00	040158	21759		P - W DOG CARE	10.40.3202
VISION CARE DIRECT 004154								
181469	04/28/23	POL #218 CHANGEOVER	3,000.00	040007	INV51745		P - W VEHICLE CHANGEOV	10.40.500.18.5606
181469	04/28/23	POL #223 CHANGEOVER	3,000.00	040008	INV87816		P - W VEHICLE CHANGEOV	10.40.500.18.5606
181469	04/28/23	POL #210 CHANGEOVER	450.00	040009	INV87796		P - W VEHICLE CHANGEOV	10.40.500.18.5606
181469	04/28/23	POL #204 CHANGEOVER	300.00	040010	INV87797		P - W VEHICLE CHANGEOV	10.40.500.18.5606
181469	04/28/23	POL #205 CHANGEOVER	4,500.00	040011	INV97989		P - W VEHICLE CHANGEOV	10.40.500.18.5606
			11,250.00	*CHECK TOTAL				
		VENDOR TOTAL	11,250.00					
VISION UPFITTERS 000487								
181470	04/28/23	POL UPFITTING FOR VAN	16,132.67	040005	INV121769	220119	F - W VEHICLE CHANGEOV	10.40.500.18.5606
181470	04/28/23	POL UPFITTING FOR VAN	957.25	040006	INV121769		P - W VEHICLE CHANGEOV	10.40.500.18.5606
			17,089.92	*CHECK TOTAL				
		VENDOR TOTAL	17,089.92					
ZOLL MEDICAL CORPORATION 006014								
181471	04/28/23	FIRE EMS SUPPLIES	952.00	040012	3702008		P - W MEDICAL SUPPLIES	10.50.311.04.5003
181471	04/28/23	FIRE EMS SUPPLIES	185.27	040013	3702405		P - W MEDICAL SUPPLIES	10.50.311.04.5003
			1,137.27	*CHECK TOTAL				
		VENDOR TOTAL	1,137.27					



**CITY COUNCIL
ACTION REPORT**
Meeting Date: May 8, 2023
A/R No.: 2023-519

Department: Public Works

Submitted By: Joshua Martinez, Capital
Projects Engineer

Subject: ORDINANCE AMENDING ORDINANCE NO. 11722, APPROVING A
CONTRACT WITH SUPERIOR BOWEN ASPHALT COMPANY, LLC FOR CITY OF
LIBERTY PROJECT PW-CIP-23-003 2023 STREET MAINTENANCE PAVEMENT
RESTORATION

Summary:

- The Ordinance corrects Ordinance 11722 by increasing the stated contract amount from \$838,315.00 to \$844,132.85
- The Ordinance amends the existing contract by adding 16 new line items for the construction of turn lanes ("Withers Phase II") at the intersection of Withers and Holt
- The Ordinance amends the existing contract with Superior Bowen by increasing the corrected contract amount from \$844,132.85 to \$1,082,007.15 for the inclusion of "Withers Phase II"
- The Ordinance amends Ordinance 11722 by increasing the authorized to spend amount from \$964,063.00 to \$1,225,725.00

Background:

Correction of Ordinance 11722

The City Council on February 27, 2023 approved Ordinance 11722 which authorized a contract with Superior Bowen Asphalt Company, LLC for City of Liberty Project PW-CIP-23-003 2023 Street Maintenance Pavement Restoration. Ordinance 11722 and the associated Action Report stated a contract amount of \$838,315.00 with an authorized to spend amount of \$964,063.00. Funds above contract amounts are requested as a contingency to account for:

- Final payments are based on actual quantities used during the project and may be more or less than estimated, resulting in fluctuations in quoted prices.
- Current market trends have been deemed highly volatile with rapid escalations in prices. A 10% contingency allows for flexibility in the event of a required unforeseen change order.

The stated contract amount of \$838,315.00 is incorrect. The actual contract amount, as signed on February 27, 2023, is \$844,132.85. The discrepancy resulted from an after-bid selection change which reduced the scope on Shephard Rd. and added Chandler Rd. As the selection resulted in an increase in estimated area and tonnage, the contractual amount increased from the bid price of \$838,315.00 to \$844,132.85. This ordinance corrects Ordinance 11722 by increasing the current authorized contract amount from \$838,315.00 to \$844,132.85.

Amendment 1 to Ordinance 11722

The City Council on March 13, 2023 approved a contract with Capital Electric for the construction of Withers Rd. and Holt Dr Traffic Signal Improvement Phase 1. As detailed in the Action Report of March 13, 2023: *"In July of 2018, the City of Liberty was awarded \$275,000.00 in 2022 Congestion Mitigation and Air Quality (CMAQ) funds through the Mid American Regional Council (MARC) Surface Transportation Program Priorities Committee (STP). The funds are available as reimbursement for construction costs and required an agreement with the Missouri Department of Transportation (MoDOT) which was accepted by the Liberty City Council on April-12-2021. Task order No. 6 with On-Call Engineering firm Henningson, Durham & Richardson, Inc. (HDR) was accepted by the Liberty City Council on December 21, 2020. City Engineering staff utilized Task Order No. 6 to evaluate the intersection, design the traffic signals and geometric improvements, develop construction plans and prepare bidding documents.*

Final plans and MoDOT approval for bidding for the project were received in 2022 and initial bids were opened on September 26, 2022. Two bids were received with the low bid coming at \$622,000.00. The Bids were deemed to be unbalanced and were therefore rejected. Following the rejection of bids, the project was broken into (2) phases. Phase 1 involved all of the signal work and ADA and pedestrian upgrades required for MoDOT funding. Phase 2 involves the earth work and turn land paving work which was determined to have caused unbalanced bids."

This report deals with the inclusion of Phase 2 into an existing contract with Superior Bowen.

As the work associated with Withers and Holt Phase II was primarily composed of earthwork, flatwork and paving, City Staff determined that it would be in the City's best interest to include the work as a change order into either the 2023 Concrete Flatwork Replacement or the 2023 Street Maintenance Pavement Restoration project. This path offered the following benefits:

1. It will allow the full scope of the Withers and Holt project to be realized within 2023.
2. It will help prevent excessively large bids. Bidding a project for one intersection would not meet the economy of scale required to bring in low bids.
3. It will help the city avoid the escalation of fees which have been high from year to year.

The 2023 Concrete Flatwork Replacement contract was awarded to Precision Construction & Contracting, LLC (PCC) on February 27, 2023.

The 2023 Street Maintenance Pavement Restoration contract was awarded to Superior Bowen Asphalt Company, LLC (Superior) on February 27, 2023.

In March of 2023, both PCC and Superior were made aware of the Withers Phase II work as an option for inclusion. Both were provided a scope of work with line items and assumed quantities, the following bids were received:

PCC provided a quote of \$260,093.00

Superior Bowen Asphalt provided a quote of \$237,874.30

City Estimate \$370,000.00

The quotes were deemed fair and reasonable with Superior having the low quote of \$237,874.30.

This amendment would revise the existing contract with Superior Bowen by adding 16 new line items. This would increase the corrected contract amount by \$237,874.30 bringing the corrected contract amount from \$844,132.85 to \$1,082,007.20.

Amendment 2 to Ordinance 11722

The quoted amount of \$237,874.30 does not include contingencies. Staff requests authorization to spend the \$237,874.30 plus a contingency fee of \$23,786.70 for a total of \$261,661.00. This would increase the authorized to spend amount by \$261,661.00, bringing the authorized to spend amount from \$964,063.00 to \$1,225,724.00.

Contingency is requested for the following reasons:

- Final payments are based on actual quantities used during the project and may be more or less than estimated, resulting in fluctuations in quoted prices.
- Current market trends have been deemed highly volatile with rapid escalations in prices. A 10 percent contingency allows for flexibility in the event of a required unforeseen change order.
- Additional contingencies are requested as the new 16 line items will be billed to a different line item account, therefore previously approved contingencies shall not be used for the new scope of work.

Staff recommends:

- Approving this ordinance thereby:
 - correcting Ordinance 11722 by increasing the current authorized contract amount from \$838,315.00 to \$844,132.85.
 - amending the existing contract with Superior Bowen Asphalt Company, LLC by adding 16 line items totaling \$237,874.30, raising the corrected contract amount from \$844,132.85 to \$1,082,007.15
 - amending the authorized spending amount from \$964,063.00 to \$1,225,724.00.

Previous Action (if applicable):

- Contract with Superior Bowen approved on February 27, 2023 (Ordinance 11722)

Policy/Committee Review:

X Citizen Sales Tax Oversight Committee	Completed/Recommended: January 2021
Public Safety Sales Tax Oversight Committee	Completed/Recommended:
Budget Committee	Completed/Recommended:
Other:	Completed/Recommended:

Financial Considerations:

X Budgeted:	Line Item: 52.75.607.14.5626	Amount: \$261,661.00
	Line Item: 52.75.607.14.5501	Amount: \$964,063.00
	Revenue Line (if applicable):	Amount:X
Non-Budgeted	Line Item:	Amount:
	Line Item:	
	Funding Source:	Amount:

Attachments:

1. 2023-519 Amend Superior for Withers Ph II ORD (2) (4)
2. Superior Proposal
3. Phase II Plan Set
4. CO _ Withers Phase II

Document No. _____

ORDINANCE NO. _____

AN ORDINANCE AMENDING ORDINANCE NO. 11722, A CONTRACT WITH
SUPERIOR BOWEN ASPHALT COMPANY, LLC FOR CITY OF LIBERTY PROJECT
PW-CIP-23-003 2023 STREET MAINTENANCE PAVEMENT RESTORATION

WHEREAS, a contract with Superior Bowen Asphalt Company, LLC was approved
on February 27, 2023 by Ordinance No. 11722; and

BE IT ORDAINED by the City Council of the City of Liberty, Clay County, Missouri,
as follows:

SECTION I

The City Council of the City of Liberty, Clay County, Missouri, hereby amends
Ordinance No. 11722. Correction revises the authorized contract amount for City of
Liberty Project PW-CIP-23-003 Street Maintenance Pavement Restoration on an
amendment to increase the contract by TWO HUNDRED FORTY THREE THOUSAND
SIX HUNDRED NINETY TWO AND 10/100 DOLLARS (\$243,692.10) from EIGHT
HUNDRED FORTY FOUR THOUSAND ONE HUNDRED THIRTY TWO AND 85/100
DOLLARS (\$838,315.00) to ONE MILLION EIGHTY TWO THOUSAND SEVEN AND
15/100 DOLLARS (\$1,082,007.15). A copy of said amendment being incorporated by
reference herein and available for review as required by law.

SECTION II

The City Council hereby authorizes the Mayor to sign the contract amendment as
described in Section I of this Ordinance.

SECTION III

This Ordinance shall be in full force and effect from and after its passage by the
City Council and approval by the Mayor according to law.

PASSED by the City Council this ____ day of _____, 2023.

MAYOR

ATTEST:

DEPUTY CITY CLERK

APPROVED by the Mayor this ____ day of _____, 2023.

MAYOR

				Engineers Estimate	
Item	Description		Total	Unit Price	Extension
1	Mobilization & Bonds (3% max)	LS	1	\$8,000.00	\$ 8,000.00
2	Construction Staking	LS	1	\$2,250.00	\$ 2,250.00
3	Site Demolition	LS	1	\$25,300.00	\$ 25,300.00
4	Clearing and Grubbing	LS	1	\$7,100.00	\$ 7,100.00
5	Traffic Control	LS	1	\$10,800.00	\$ 10,800.00
6	Asphalt Pavement	SY	650	\$108.90	\$ 70,785.00
7	Aggregate Base (MoDOT Type 1) (6")	SY	650	\$22.65	\$ 14,722.50
8	Curb (Type CG-1)	LF	540	\$44.80	\$ 24,192.00
9	Preformed Thermoplastic Pavement Marking, 4 In., White	LF	260	\$6.05	\$ 1,573.00
10	Preformed Thermoplastic Pavement Marking, 4 In., Yellow	LF	120	\$6.05	\$ 726.00
11	Preformed Thermoplastic Pavement Marking, 24 In., White	LF	36	\$26.55	\$ 955.80
12	Preformed Thermoplastic Pavement Marking, Left/Right Arrow	EA	6	\$545.00	\$ 3,270.00
13	Erosion and Sedimentation Control	LS	1	\$1,250.00	\$ 1,250.00
14	Seeding	LS	1	\$1,050.00	\$ 1,050.00
15	Mulch	LS	1	\$800.00	\$ 800.00
16	Mill and Overlay of Entire Intersection	SY	3500	\$18.60	\$ 65,100.00
	Total - Base Bid			Total Proposal	\$ 237,874.30

Item 16 is an alternate item which the City may or may not utilize. Pricing for item 16 should be provided accordingly.

All quantities above are ESTIMATES.

The Contractor is advised to perform quantity takes offs to ensure their accuracy.

All work associated with the proposed project extents should be accounted for in the proposal.

The above line items are not considered to encompass all work and as such it is the contractors responsibility to account for any and all incidental work and materials necessary to provide a full and complete project.

Project Location

Intersection of Withers and Holts

Legend

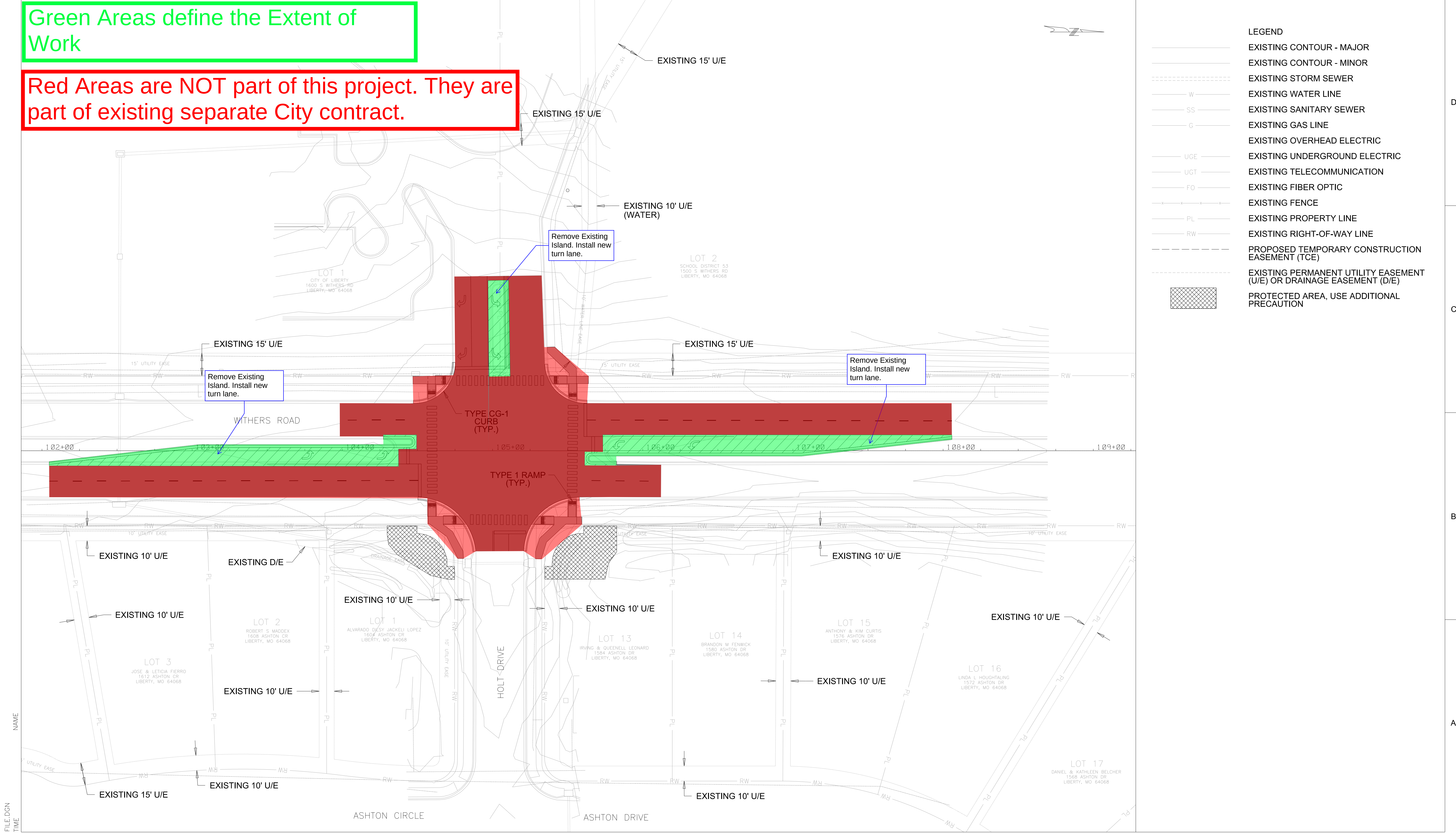
 S Withers Rd & Holt Dr

S Withers Rd & Holt Dr 



Green Areas define the Extent of Work

Red Areas are NOT part of this project. They are part of existing separate City contract.



- LEGEND
- EXISTING CONTOUR - MAJOR
 - EXISTING CONTOUR - MINOR
 - EXISTING STORM SEWER
 - EXISTING WATER LINE
 - EXISTING SANITARY SEWER
 - EXISTING GAS LINE
 - EXISTING OVERHEAD ELECTRIC
 - EXISTING UNDERGROUND ELECTRIC
 - EXISTING TELECOMMUNICATION
 - EXISTING FIBER OPTIC
 - EXISTING FENCE
 - EXISTING PROPERTY LINE
 - EXISTING RIGHT-OF-WAY LINE
 - PROPOSED TEMPORARY CONSTRUCTION EASEMENT (TCE)
 - EXISTING PERMANENT UTILITY EASEMENT (U/E) OR DRAINAGE EASEMENT (D/E)
 - PROTECTED AREA, USE ADDITIONAL PRECAUTION



~~HDR~~
MISSOURI CERTIFICATE OF
AUTHORITY # 000856
10450 HOLMES ROAD, SUITE 600
KANSAS CITY, MO 64131
816-347-1100

ISSUE	DATE	DESCRIPTION
0	06/2022	FOR BID

PROJECT MANAGER	MASON WINN
PROJECT ENGINEER	MASON WINN
PROJECT NUMBER	0000100



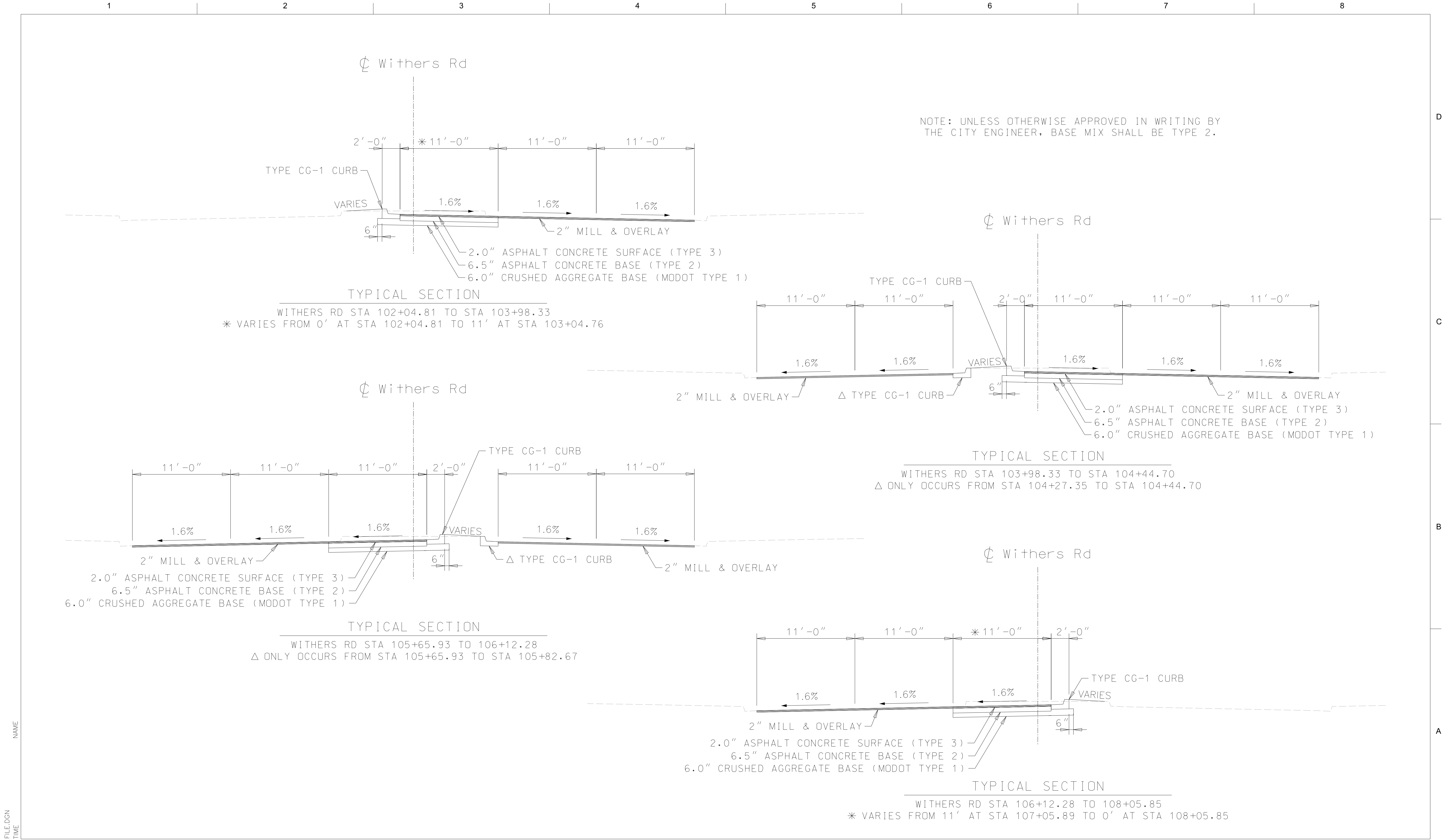
CITY OF LIBERTY, MISSOURI
WITHERS AND HOLT
SIGNAL IMPROVEMENTS Phase II
~~CITY PROJECT NO. 20-205~~

GENERAL LAYOUT
AND SURVEY REFERENCE

0 1" 2"

FILENAME **00G-02.dgn** SHEET **00G-02**

SCALE 1" = 30'



NAME

FILEDGN

TIME



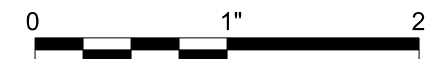
~~FOR~~
MISSOURI CERTIFICATE OF
AUTHORITY #: 000856
10450 HOLMES ROAD, SUITE 600
KANSAS CITY, MO 64131
816-347-1100

ISSUE	DATE	DESCRIPTION
0	06/20/22	FOR BID

PROJECT MANAGER	JASON HAYNES
PROJECT ENGINEER	JASON HAYNES
PROJECT NUMBER	10270433



CITY OF LIBERTY, MISSOURI
WITHERS AND HOLT
SIGNAL IMPROVEMENTS Phase II
CITY PROJECT NO. ~~20-205~~



TYPICAL SECTIONS

FILENAME | 01C-01.dgn

SCALE | 1" = 20'

SHEET

01C-01

Red Areas are NOT part of this project. They are part of existing separate City contract.

 Proposed Sidewalk
 Mill & Overlay
 Full Depth Pavement



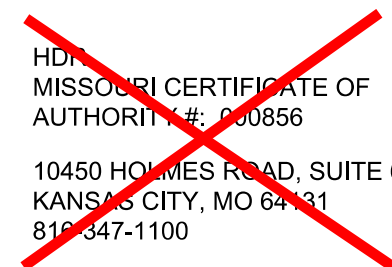
ISSUE	DATE	DESCRIPTION
8	06/2022	FOR S/E

The City of
Liberty
missouri

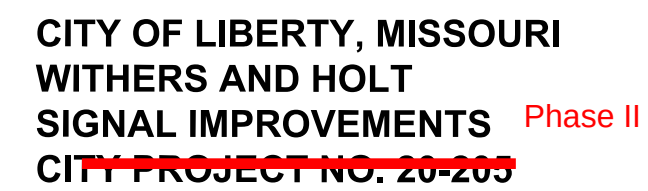
SHEET

01C-02

Red is NOT part of this project. They are part of existing separate City contract.

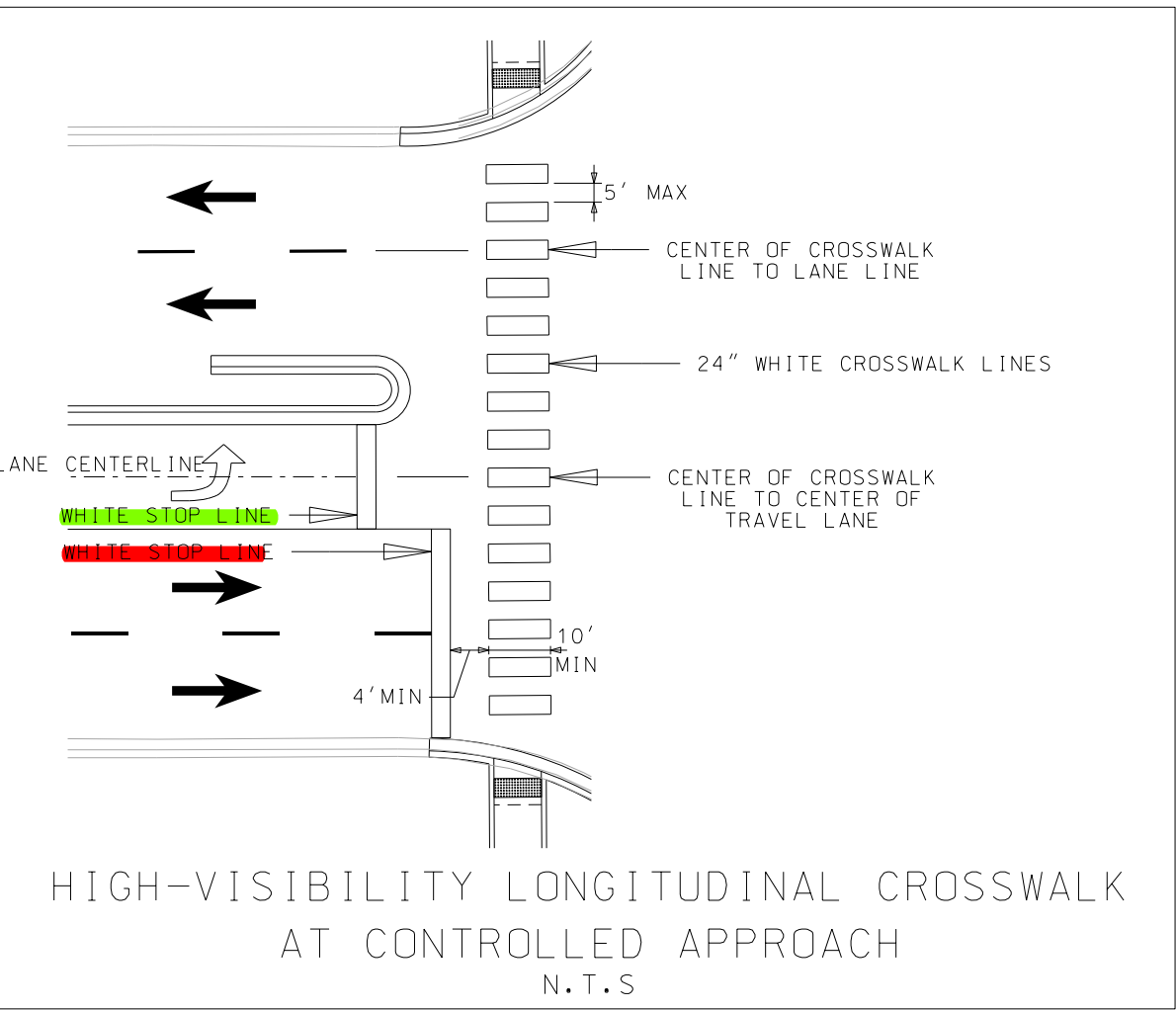
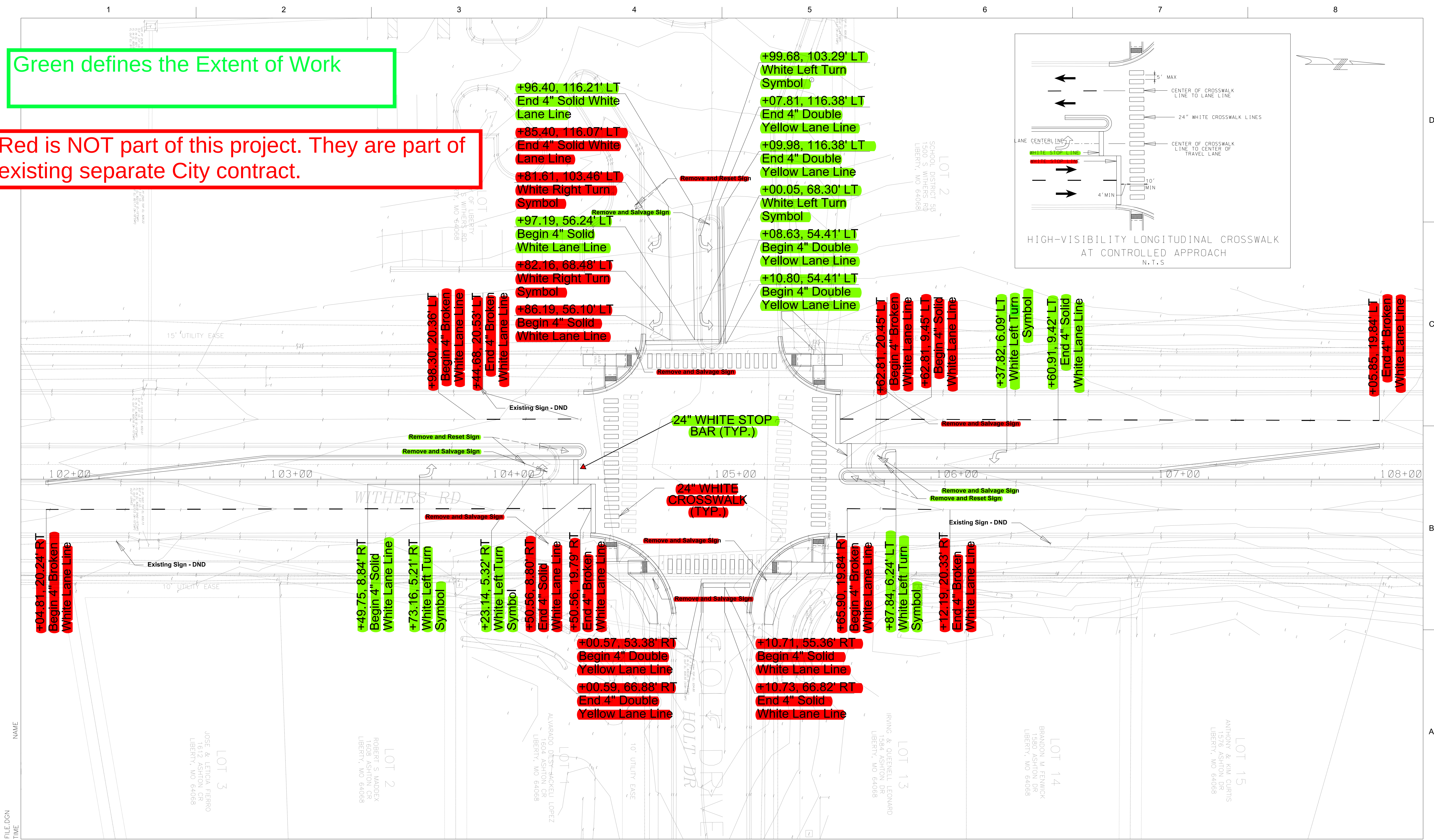


PROJECT MANAGER	JASON HAYNES
PROJECT ENGINEER	JASON HAYNES
PROJECT NUMBER	16278455



SCALE 1" = 20'

01C-03



HER MISSOURI CERTIFICATE OF AUTHORITY # 000856

10450 HOLMES ROAD, SUITE 600
KANAS CITY, MO 64131
816-347-1100

ISSUE	DATE	DESCRIPTION
0	06/2022	FOR BID

PROJECT MANAGER ~~WASON FINNES~~

PROJECT ENGINEER ~~WASON FINNES~~

PROJECT NUMBER ~~10275133~~

The City of
Liberty
missouri

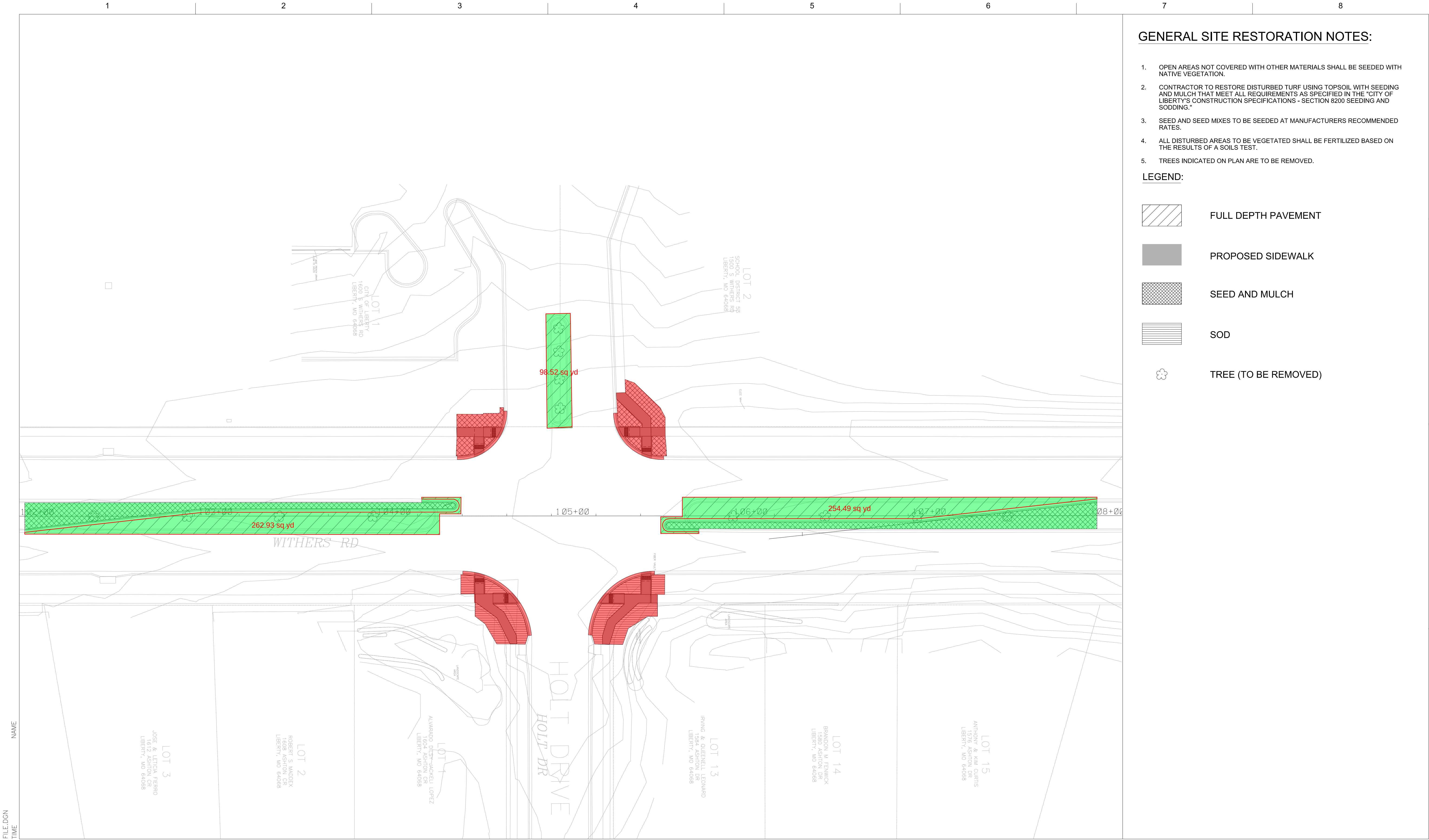
CITY OF LIBERTY, MISSOURI
WITHERS AND HOLT
SIGNAL IMPROVEMENTS Phase II
~~CITY PROJECT NO. 20-205~~

SIGNING AND PAVEMENT MARKING LAYOUT

0 1" 2"

FILENAME **01C-04.dgn** SHEET **01C-04**

SCALE 1" = 20'



GENERAL SITE RESTORATION NOTES:

- OPEN AREAS NOT COVERED WITH OTHER MATERIALS SHALL BE SEEDED WITH NATIVE VEGETATION.
- CONTRACTOR TO RESTORE DISTURBED TURF USING TOPSOIL WITH SEEDING AND MULCH THAT MEET ALL REQUIREMENTS AS SPECIFIED IN THE "CITY OF LIBERTY'S CONSTRUCTION SPECIFICATIONS - SECTION 8200 SEEDING AND SODDING."
- SEED AND SEED MIXES TO BE SEEDED AT MANUFACTURERS RECOMMENDED RATES.
- ALL DISTURBED AREAS TO BE VEGETATED SHALL BE FERTILIZED BASED ON THE RESULTS OF A SOILS TEST.
- TREES INDICATED ON PLAN ARE TO BE REMOVED.

LEGEND:

- FULL DEPTH PAVEMENT
- PROPOSED SIDEWALK
- SEED AND MULCH
- SOD
- TREE (TO BE REMOVED)

FILE.DGN
TIME



~~HDR
MISSOURI CERTIFICATE OF
AUTHORITY # 000856
10450 HOLMES ROAD, SUITE 600
KANSAS CITY, MO 64131
816-347-1100~~

ISSUE	DATE	DESCRIPTION
0	06/2022	FOR BID

PROJECT MANAGER	JASON LYNES
PROJECT ENGINEER	JASON LYNES
PROJECT NUMBER	0275433

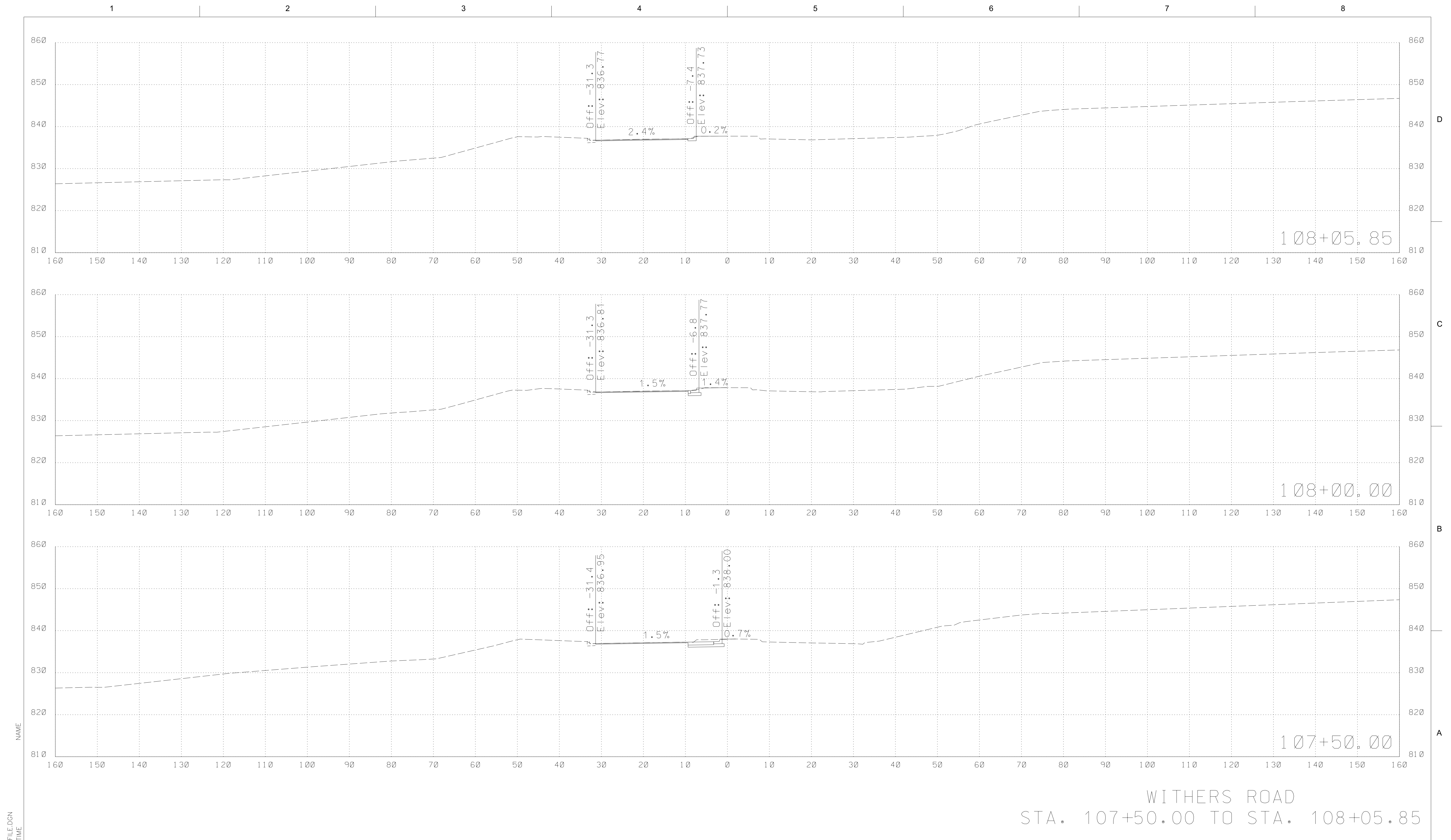


CITY OF LIBERTY, MISSOURI
WITHERS AND HOLT
SIGNAL IMPROVEMENTS Phase II
~~CITY PROJECT NO. 20-205~~



FILENAME | 01C-23.dgn
SCALE | 1" = 25'

SHEET
01C-23



WITHERS ROAD
STA. 107+50.00 TO STA. 108+05.85



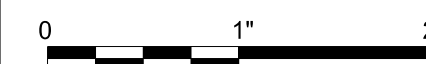
~~HDR
MISSOURI CERTIFICATE OF
AUTHORITY #: 000856
10450 HOLMES ROAD, SUITE 600
KANSAS CITY, MO 64131
816-347-1100~~

ISSUE	DATE	DESCRIPTION
0	06/2022	FOR BID

PROJECT MANAGER	JASON LAYNES
PROJECT ENGINEER	JASON LAYNES
PROJECT NUMBER	10070477



**CITY OF LIBERTY, MISSOURI
WITHERS AND HOLT
SIGNAL IMPROVEMENTS Phase II
~~CITY PROJECT NO. 20-205~~**



CROSS SECTIONS

FILENAME **01C-24.dgn**

SCALE 1" = 10'

SHEET

01C-27

Contract Change Order

Project Title	(Public Works) 2023 Street Maintenance Pavement Restoration	Contractor
Project Number	PW-23-003	Contact
Change Order Number	2	Phone
Date Submitted	Apr 21, 2023 12:03 PM	Address
Date Approved	Apr 27, 2023 1:26 PM	
Page	1 of 2	Email

You are hereby directed to make the herein changes from the plans and specifications or do the following work not included in the plans and specifications on the contract.

Bid Item Changes

New Line Items

- 13] Mobilization & Bonds (3% max). Contract Qty: 1.00 LS @ \$8000.00 = \$8,000.00
- 14] Construction Staking. Contract Qty: 1.00 LS @ \$2250.00 = \$2,250.00
- 15] Site Demolition. Contract Qty: 1.00 LS @ \$25300.00 = \$25,300.00
- 16] Clearing and Grubbing. Contract Qty: 1.00 LS @ \$7100.00 = \$7,100.00
- 17] Traffic Control. Contract Qty: 1.00 LS @ \$10800.00 = \$10,800.00
- 18] Asphalt Pavement. Contract Qty: 650.00 SY @ \$108.90 = \$70,785.00
- 19] Aggregate Base (MoDOT Type 1) (6"). Contract Qty: 650.00 SY @ \$22.65 = \$14,722.50
- 20] Curb (Type CG-1). Contract Qty: 540.00 LF @ \$44.80 = \$24,192.00
- 21] Preformed Thermoplastic Pavement Marking, 4 In., White. Contract Qty: 260.00 LF @ \$6.05 = \$1,573.00
- 22] Preformed Thermoplastic Pavement Marking, 4 In., Yellow. Contract Qty: 120.00 LF @ \$6.05 = \$726.00
- 23] Preformed Thermoplastic Pavement Marking, 24 In., White. Contract Qty: 36.00 LF @ \$26.55 = \$955.80
- 24] Preformed Thermoplastic Pavement Marking, Left/Right Arrow. Contract Qty: 6.00 EA @ \$545.00 = \$3,270.00
- 25] Erosion and Sedimentation Control. Contract Qty: 1.00 LS @ \$1250.00 = \$1,250.00
- 26] Seeding. Contract Qty: 1.00 LS @ \$1050.00 = \$1,050.00
- 27] Mulch. Contract Qty: 1.00 LS @ \$800.00 = \$800.00
- 28] Mill and Overlay of Entire Section. Contract Qty: 3500.00 SY @ \$18.60 = \$65,100.00

By this change, time of completion and/or price adjustment is:

Time Extension: Yes ☐ No ☒ If yes, # of days: 0

☐ The agreed Lump Sum price for this change order work is

☒ The agreed cost for the Extra Work above will not exceed \$237,874.30

☒ By Contract Unit Price ☐ By Force Account in accordance with Standard Specifications

Summary:

Payment Adjustment: The total agreed cost of this Change Order is \$237,874.30
Time Adjustment: 0 days

Cost this Change Order	\$237,874.30	Statement of Contract Time	Days	Date
Estimated or Exact	Estimated	Date of Notice to Proceed		03/10/2023
Original Contract Price	\$844,132.85	Original Contract Days	208	
Total of all Approved Changes	\$0.00	Computed Date of Completion		10/03/2023
Orders including this CCO	\$237,874.30	Time Extension Days this CCO	0	
% of Original Contract	28.2	Total Time Ext Days all CCOs	0	
Revised Contract Price	\$1,082,007.15	Extended Date of Completion		04/28/2024

Approved By:

1] Joshua Martinez, Capital Projects Engineer - Apr 21, 2023 @ 12:05 PM

2] Neil Shacklett, Estimator - Apr 25, 2023 @ 10:47 AM

3] John Findlay, City Engineer - Apr 27, 2023 @ 1:26 PM

We, the undersigned contractor, have given careful consideration of the change proposed and hereby agree, if the proposal is approved, that we will provide all equipment, furnish all materials except as may otherwise be noted above, and perform all services necessary for the work above as specified, and will accept as full payment, therefore, the prices shown above.

John Findlay, City Engineer - Apr 27, 2023 @ 1:26 PM

If the Contractor does not sign this change order, his attention is directed to the requirements of the specifications as to proceeding with change order work and filing a written protest within the time therein specified.



**CITY COUNCIL
ACTION REPORT**
Meeting Date: May 8, 2023
A/R No.: 2023-522

Department: Utilities

Submitted By: Matt Redenbaugh,
Operations Manager Wastewater

Subject: ORDINANCE AMENDING ORDINANCE NO. 11645, AMENDING AN
AGREEMENT WITH JCI INDUSTRIES, INC FOR MBT 1 IMPROVEMENTS

Summary:

Approve a change order to the MBT 1 improvements Contract to: repair/replace a PVC header, relocate stainless steel piping and to purchase and install a MBR prescreen.

Background:

Change Order 1: Replace PVC Header and relocate stainless piping. Ross construction (JCI sub-contractor) provided the quote and will be doing the work and purchasing the needed parts. The PVC header is what connects the membranes (filtering units) to pumps (pulls water from MBT tank). In normal operations, this header is submerged under sludge which prevents freezing issues. Due to MBT 1 not being in operation, the header froze and cracked, making the header inoperable and unrepairable, thus requiring a new header. The new design of the header features a drain valve where it can be drained when not in service. MBT 1 is the site for the upcoming Kubota installation. The stainless-steel piping provides air to the diffusers. These air diffusers scour the MBTs to keep them from getting clogged. The current set-up was for the previous membranes and requires being relocated for the Kubota membranes. The cost for the PVC header installation and the stainless-steel piping relocation is \$49,550.00.

Change Order 2: Purchase/install MBR prescreen or MBT 1/future Kubota MBT. The fine screen or prescreen is installed on top of the Digester/MBT structure. The main function is to filter out debris before the sludge enters the Digester/MBT (Membrane Thickener). If this debris enters the Digesters/MBT, it could cause performance issues and/or equipment failure. The previous fine screen or prescreen was a different technology in which the screen itself was no longer supported by the supplier, meaning maintenance and replacement parts are not available. Due to this lack of support, the screen had major mechanical failure, rendering it unrepairable. The MBR prescreen (Hydrodyne Screen) in this quote is a different technology and is backed by Kubota and Carollo engineering. Kubota representatives (JCI) stated that the screen works with the characteristics of Liberty's digester and they would honor the warrantee for the Kubota MBTs if this screen is selected due to the better design and performance of the MBR Prescreen. Any other screen presents a warrantee issue for Kubota and questionable performance issues. Liberty contracted with Carollo Engineering Firm to aid in making the best decision for the equipment to be installed for performance and value for the City of Liberty. Carollo's recommendation is the Hydrodyne screen. The cost of the equipment and installation is \$430,031.00.

The combined cost of this action is \$479,581.00.

The MBR Prescreen, PVC header replacement, and stainless-steel pipe relocation are required before the Kubota MBTs start-up. Said equipment is needed to ensure the performance and integrity of the equipment.

Note: This is a Change Order to the MBT 1 improvement contract because these issues were unforeseen and will prevent the Kubota's MBTs from being started up.

Previous Action (if applicable):

Ordinance 11645 MBT Improvements for MBT 1 with JCI passed on September 26,2022.

Policy/Committee Review:

Citizen Sales Tax Oversight Committee	Completed/Recommended:
Public Safety Sales Tax Oversight Committee	Completed/Recommended:
Budget Committee	Completed/Recommended:
Other:	Completed/Recommended:

Financial Considerations:

Budgeted:	Line Item: 96.70.901.36.7501	Amount: \$480,000
	Line Item:	Amount:
	Revenue Line (if applicable):	Amount:
Non-Budgeted	Line Item:	Amount:
	Line Item:	
	Funding Source:	Amount:

Attachments:

1. Ord Amending MBT 1 Improvement Contract 4.26.23 (1)
2. C-941 Change Order MBT Kubota 4.26.2023
3. Liberty WWTP-Replace PVC Header and Relocate SS Pipe Price Adder - 04.18.23
4. Liberty Missouri MBR Pre Screen Supply and Install Quote

Document No. _____

ORDINANCE NO. _____

AN ORDINANCE AMENDING ORDINANCE NO. 11645, AMENDING AN AGREEMENT
WITH JCI INDUSTRIES, INC FOR MBT 1 IMPROVEMENTS

WHEREAS, Ordinance No. 11645 approved on September 26, 2022, approved an Agreement with JCI Industries, Inc. for Kubota membranes and installation services in an amount not to exceed SIX HUNDRED AND TEN THOUSAND AND 00/100 DOLLARS (\$610,000.00); and

BE IT ORDAINED, by the City Council of the City of Liberty, Clay County, Missouri, as follows:

SECTION I

The City Council of the City of Liberty, Clay County, Missouri, hereby approves an ordinance approving an amendment to an agreement by and between the City of Liberty, Clay County, Missouri and JCI Industries, Inc for MBT 1 improvements. The not-to-exceed amount shall be increased to ONE MILLION NINETY THOUSAND DOLLARS [\$1,090,000.00] for the purchase and installation of Kubota membranes, replacing PVC header, stainless steel pipe relocation, and purchase and installation of MBR prescreen. A copy of said agreement being incorporated by reference herein and available for review as required by law.

SECTION II

The City Council hereby authorizes the Mayor to sign the agreement as described in Section 1 of this ordinance.

SECTION III

This ordinance shall be in full force and effect from and after its passage by the City Council and approval by the Mayor according to law.

PASSED by Council this _____ day of _____, 2023.

MAYOR

ATTEST:

DEPUTY CITY CLERK

Approved by the Mayor this _____ day of _____, 2023.

MAYOR

Change Order No. 1Date of Issuance: **April 26, 2023**

Effective Date: May 8, 2023

Owner: **City of Liberty**

Owner's Contract No.:

Contractor: **JCI Industries, Inc**

Contractor's Project No.:

Engineer: **Lamp Rynearson Engineering**

Engineer's Project No.:

Project: **MBT Improvements for MBT 1 With JCI**

Contract Name:

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

Description: Additional work includes Replacing MBT 1 Header, relocating Stainless Piping, and MBT 1 replacement Fine Screen and installation.

Attachments: **Liberty Missouri MBR Pre Screen Supply and Install Quote, and Liberty WWTP-Replace PVC Header and Relocate SS Pipe Price Adder (Quote)**

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES
Original Contract Price: <u>\$ 610,000.00</u>	Original Contract Times: Substantial Completion: <u>310 Days (August 7, 2023)</u> Ready for Final Payment: <u>330 Days (August 27, 2023)</u> days or dates
Increase from previously approved Change Orders No. to No. ____: <u>\$ N/A</u>	Increase from previously approved Change Orders No. to No. ____: Substantial Completion: <u>N/A</u> Ready for Final Payment: _____ days
Contract Price prior to this Change Order: <u>\$ 610,000.00</u>	Contract Times prior to this Change Order: Substantial Completion: <u>310 Days (August 7, 2023)</u> Ready for Final Payment: <u>330 Days (August 27, 2023)</u> days or dates
Increase of this Change Order: <u>\$ 480,000.00</u>	Increase of this Change Order: Substantial Completion: <u>300 Days</u> Ready for Final Payment: <u>320 Days</u> days or dates
Contract Price incorporating this Change Order: <u>\$ 1,090,000.00</u>	Contract Times with all approved Change Orders: Substantial Completion: <u>610 Days (June 4, 2024)</u> Ready for Final Payment: <u>630 Days (June 24, 2024)</u> days or dates

RECOMMENDED:

ACCEPTED:

ACCEPTED:

By: _____
Title: Project Engineer
Date: _____By: _____
Title: Asst. Director of Public Works
Date: _____By: _____
Title: Contractor
Date: _____

Approved by Funding Agency :

By: _____



Title: Mayor, City of Liberty, Missouri
Date: May 8, 2023

April 18, 2023

Ty Cooper
JCI Industries, Inc.
1161 SE Hamblen Road
Lee's Summit, Missouri 64081

Re: Replace MBT PVC Header and Relocate Stainless Steel Air Piping
Liberty Wastewater Treatment Facility
Liberty, Missouri

David E. Ross Construction is pleased to present this proposal for the above referenced job per the scope of work listed below.

Total Bid (Not to Exceed): \$49,550

If required, a performance and payment bond can be included for an additional 1% of total bid.

SCOPE OF WORK:

1. This proposal includes the demo and replacement of the damaged 8", 6", and 4" PVC Schedule 80 header piping.
 - a. Removal of the existing 8" ductile iron 90 degree bend. This 90 degree bend will be replaced with a cement lined ductile iron tee. One of the branch connection of this tee will have a new ductile iron blind flange with a 2" threaded tap, 2" stainless nipple, and a 2" stainless ball valve. The system can easily be drained by operating the 2" ball valve.
2. This proposal includes the removal and replacement of existing 10" stainless aeration piping in an alternate location. The new piping will be Schedule 10 304 stainless steel. The piping will be rerouted and secured on top of existing larger air piping to allow Operator access into Basin.
 - a. Modify handrail to allow chain access into Basin. Install new end post, two chains, and associated hardware.

Clarifications:

1. Reuse existing header pipe support/wall brackets.
2. The current lead time on piping and fittings is 2-3 weeks.
3. No electrical included.
4. No painting or coatings are included.
5. Includes Missouri Prevailing Wage Rates

6. These costs are based on using import or non-domestic materials. If there is AIS or Buy American requirements, please provide documentation so we can price accordingly.
7. Sales tax is excluded.

Excludes:

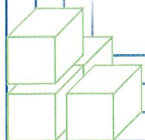
1. Engineering or Drawings
2. Any Work other than mentioned above.
3. Permits

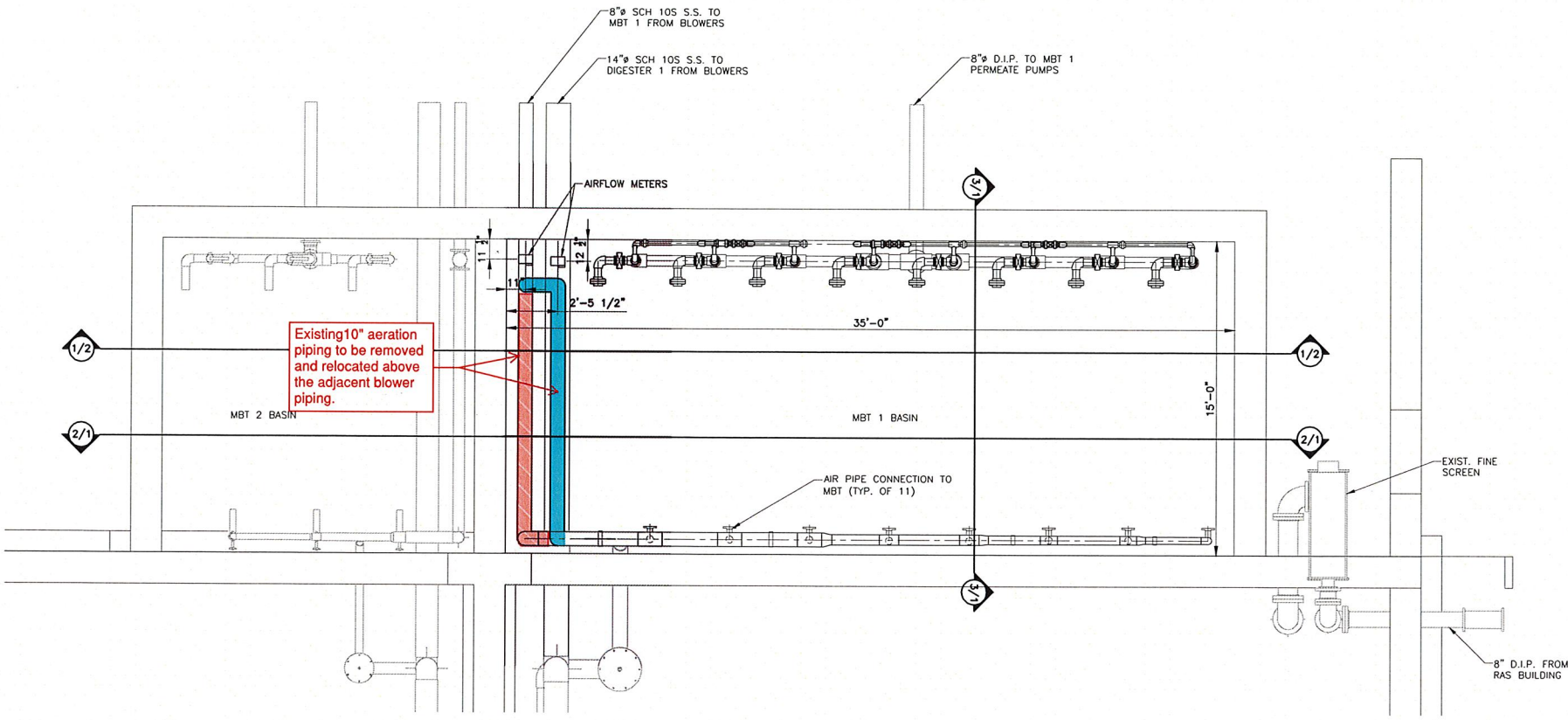
Thank you for the opportunity to submit this proposal.

Sincerely,

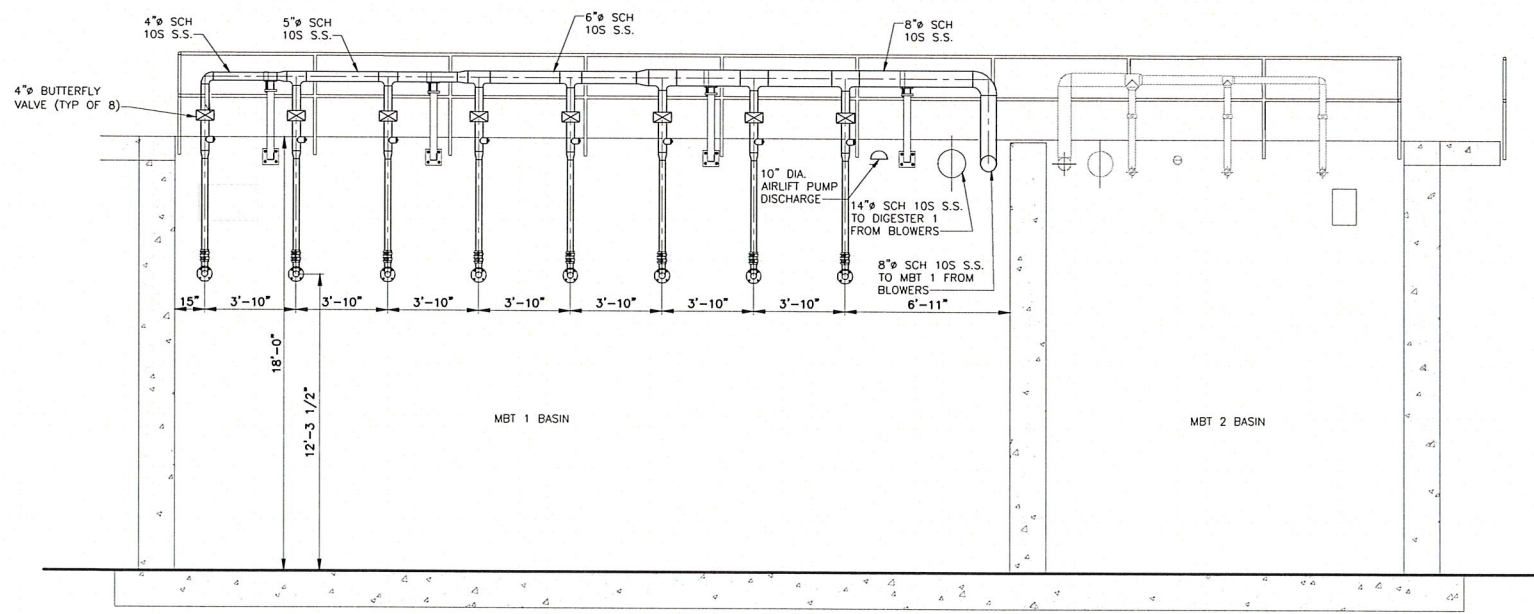


Matt Gustin
Project Manager

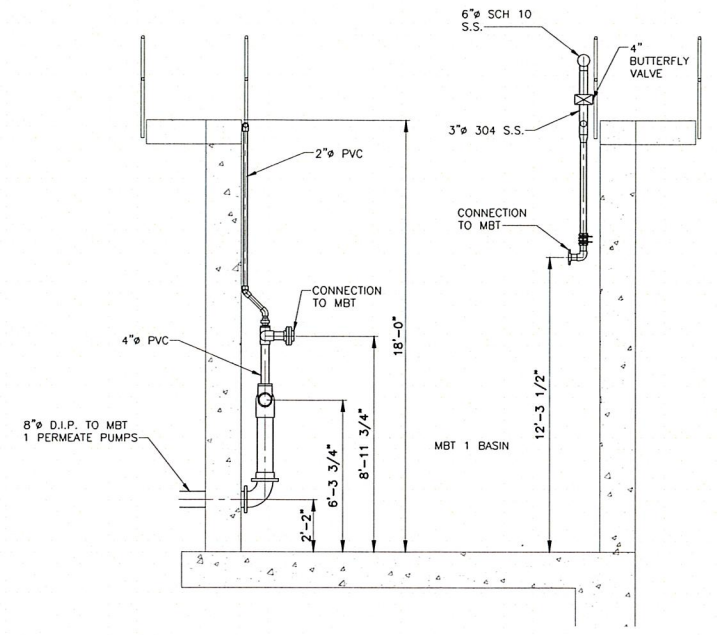




① MBT BASIN PIPING PLAN
SCALE: 1/4"=1'-0"



② MBT AIR PIPING SECTION
SCALE: 1/4"=1'-0"



③ MBT BASIN PIPING SECTION
SCALE: 1/4"=1'-0"

**LAMP
RYNEARSON**

LAMPRYNEARSON.COM
OMAHA, NEBRASKA
14710 W. DODGE RD., STE. 100 (402)496.2498
FORT COLLINS, COLORADO
4715 INNOVATION DR., STE. 100 (970)228.0342
KANSAS CITY, MISSOURI
9001 STATE LINE RD., STE. 200 (816)361.0440

PRELIMINARY

NOT RELEASED FOR CONSTRUCTION

DIGESTER MBT BASIN PIPING DETAILS

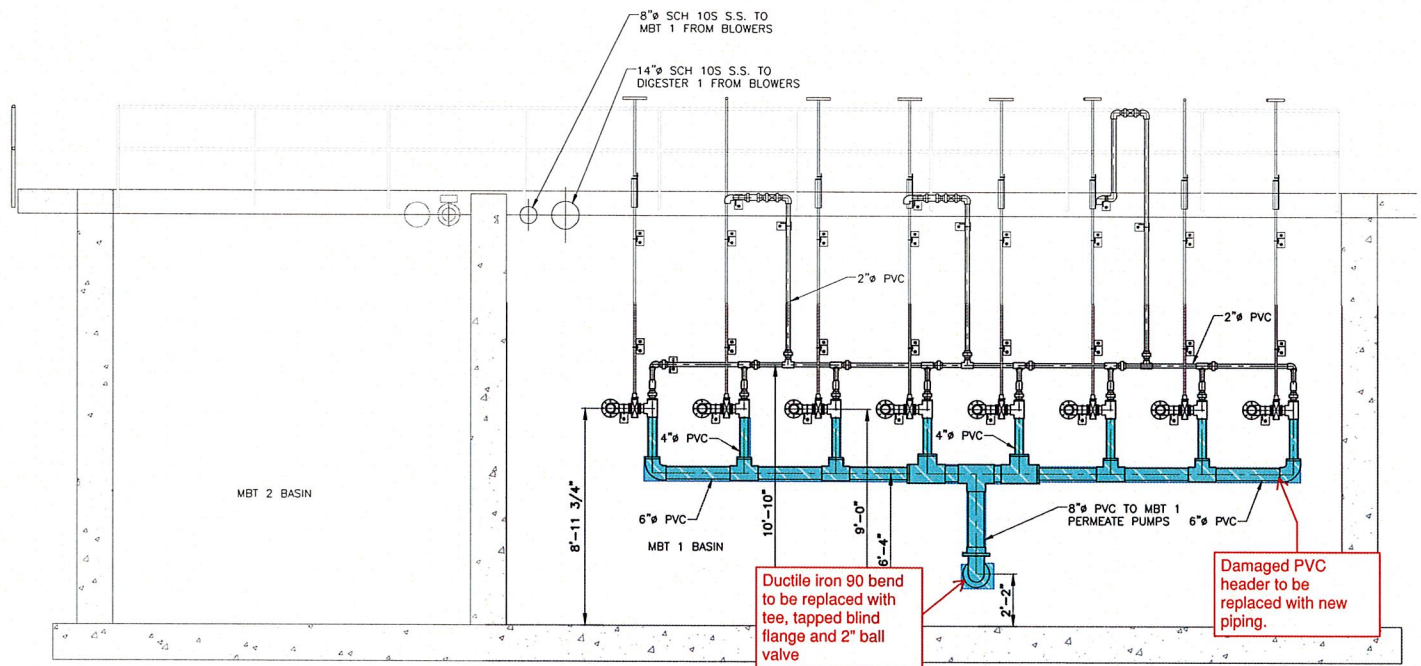
LIBERTY WWTP MBR
LIBERTY, MISSOURI

811
Know what's below.
Call before you dig.

REVISIONS	
DESIGNER / DRAFTER	
DATE	
10-14-2022	
PROJECT NUMBER	
0322121	
BOOK AND PAGE	
MISSOURI AUTHORIZATION NUMBER	
F01294734	
SHEET	

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1 MBT PERMEATE PIPING SECTION
SCALE: 1/4"=1'-0"

LAMP
RYNEARSON

LAMPRYNEARSON.COM

OMAHA, NEBRASKA
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KANSAS CITY, MISSOURI
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DIGESTER MBT BASIN PIPING DETAILS

LIBERTY WWTP MBR
LIBERTY, MISSOURI



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REVISIONS

DESIGNER / DRAFTER

DATE

10-14-2022

PROJECT NUMBER

0322121

BOOK AND PAGE

MISSOURI AUTHORIZATION NUMBER

F01294734

SHEET

PRELIMINARY

NOT RELEASED FOR CONSTRUCTION

DIGESTER WALL GUIDE RAIL SECTIONS

LIBERTY WWTP MBR
LIBERTY, MISSOURI



Know what's below.
Call before you dig.

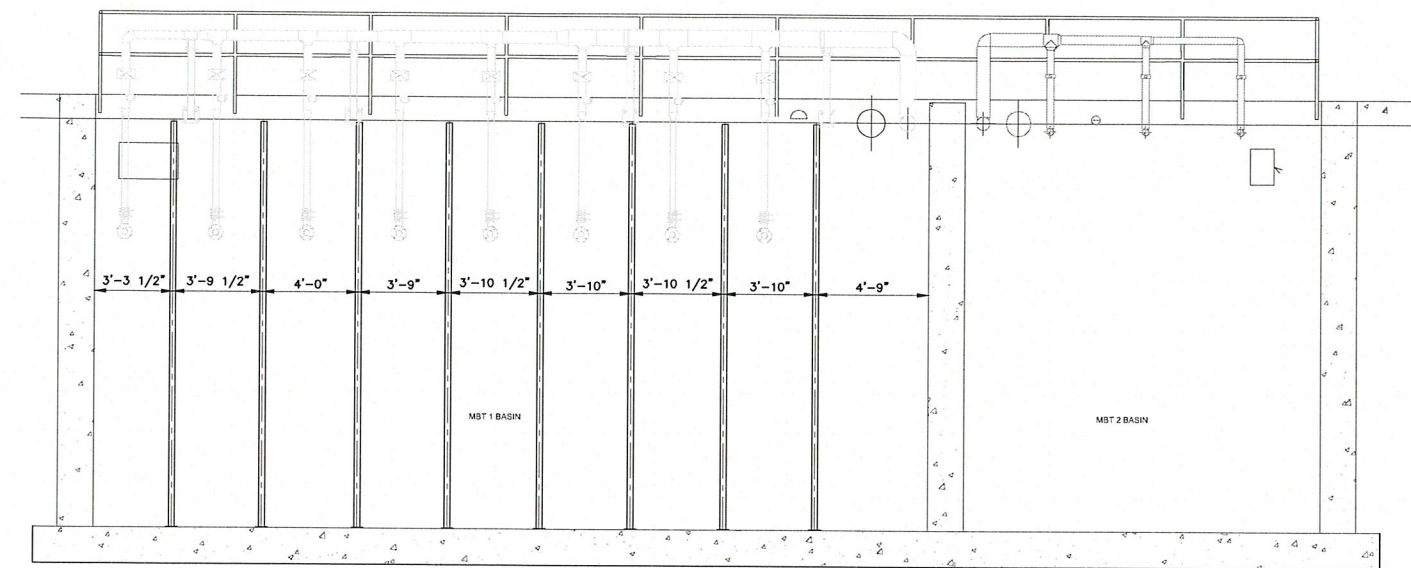
REVISIONS

DESIGNER / DRAFTER

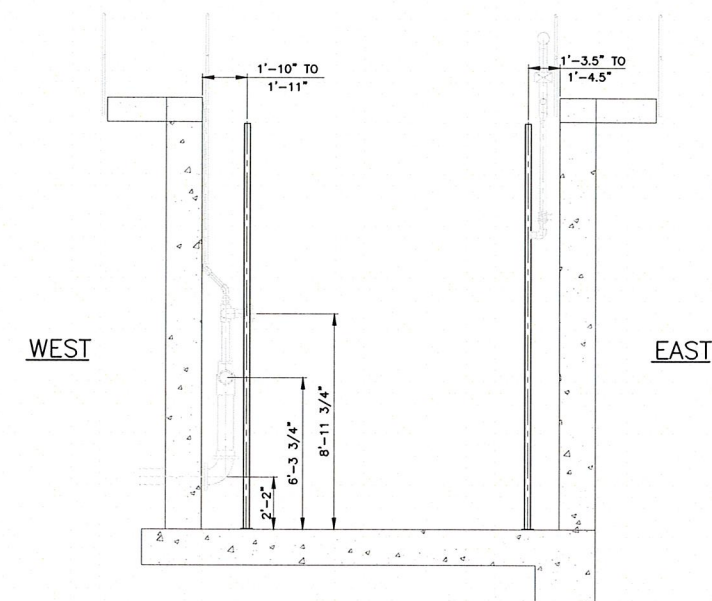
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BOOK AND PAGE

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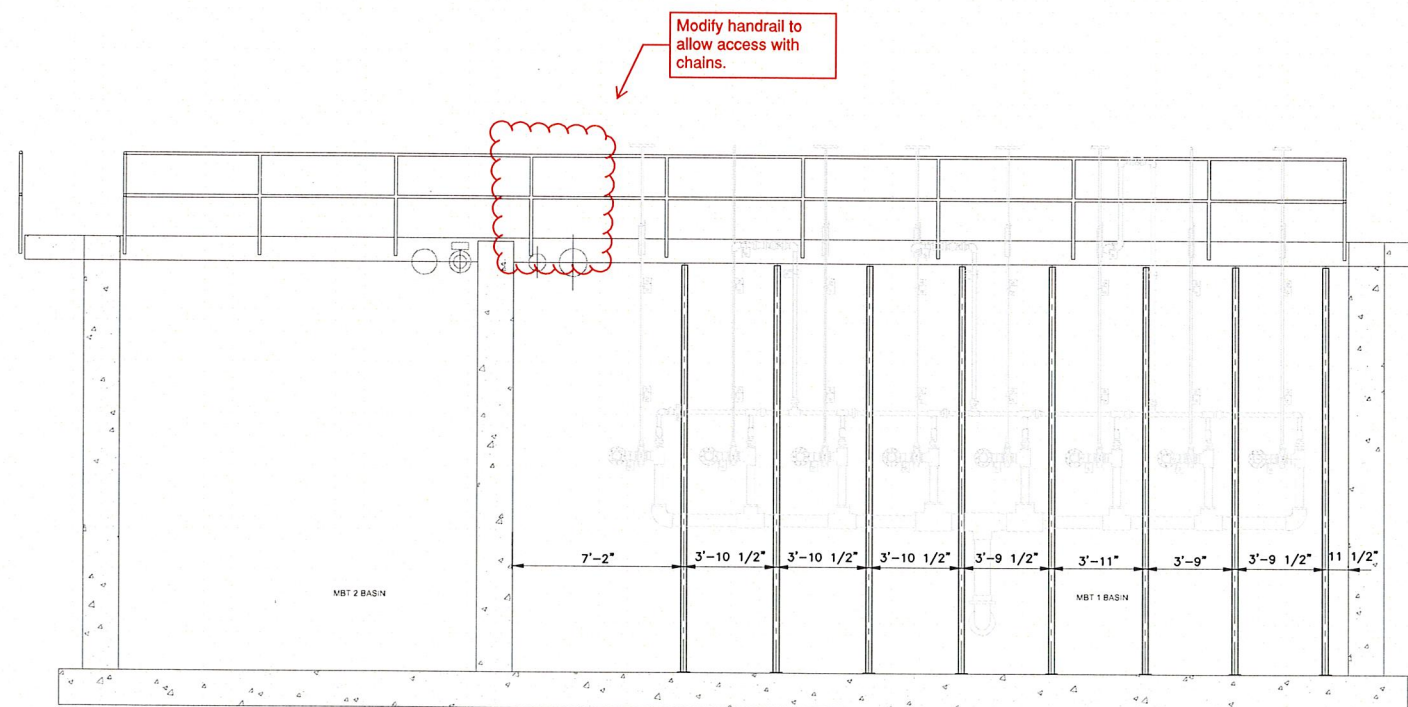
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① GUIDE RAILS — EAST WALL
SCALE: 1/4"=1'-0"



③ GUIDE RAILS — LOOKING NORTH
SCALE: 1/4"=1'-0"



② GUIDE RAILS — WEST WALL
SCALE: 1/4"=1'-0"



1161 SE Hamblen Road
Lee's Summit, MO 64081
Tel#: 816-525-3320
800-366-7867
Fax#: 816-525-5881

To: **Matt Redenbaugh-City of Liberty Missouri**

Date: **January 27, 2023**

From: **Ty Cooper**

Subject: **Addition of Bar Screen with Compactor for MBT Tank**

We have provided screening/compactor options to consider, and we are proposing the HydroDyne Model CF23-15-82-2P Packaged Screen to **include a Compactor**.

The proposed pricing includes the following:

1. Installation and Demolition by **Ross Construction** to include:

Demo existing Screen, Waterline, and Piping
Demo Electrical
Install new Screen/Compactor
Core Drilling
Demo piping
New Drainpipe into SBT
Relocate piping below deck.
Relocate discharge chute below deck.
New waterline from Yard Hydrant/heat trace
Heat Tracing- Screen/Compactor
Coating of Piping
Install new Electrical by Equipment Supplier
SCADA monitoring Only.
Missouri Prevailing Wage

2. **Lamp Rynearson Engineering** to provide structural, electrical and civil design services

3. **JCI Industries** Supply of the HydroDyne Screen and Compactor

Total Price for the above work will be \$430,031.00

NOTE:

- 1) Substantial Completion will be 36-40 weeks after approved submittals.
- 2) The long delivery item is the Screen and Compactor Control Panel. We will work to demo and install the Screen and Compactor with the Control Panel to follow.
- 3) Pricing includes a 12 Month Warranty Period
- 4) Pricing is Valid for 45 Days
- 5) Applicable Sales or use Taxes, fees, permits and licenses not included.

Thank you in advance.


Ty Cooper
JCI Industries, Inc.



1161 SE Hamblen Road
Lee's Summit, MO 64081
Tel#: 816-525-3320
800-366-7867
Fax#: 816-525-5881

STANDARD TERMS OF SALE

1. Applicable Terms. These terms govern the purchase and sale of the equipment and related services, if any (collectively, "Equipment"), referred to in Seller's purchase order, quotation, proposal or acknowledgment, as the case may be ("Seller's Documentation"). Whether these terms are included in an offer or an acceptance by Seller, such offer or acceptance is conditioned on Buyer's assent to these terms. Seller rejects all additional or different terms in any of Buyer's forms or documents.
2. Payment. Buyer shall pay Seller the full purchase price as set forth in Seller's Documentation. Unless Seller's Documentation provides otherwise, freight, storage, insurance and all taxes, duties or other governmental charges relating to the Equipment shall be paid by Buyer. If Seller is required to pay any such charges, Buyer shall immediately reimburse Seller. All payments are due within 30 days after receipt of invoice. Buyer shall be charged the lower of 1 ½% interest per month or the maximum legal rate on all amounts not received by the due date and shall pay all of Seller's reasonable costs (including attorneys' fees) of collecting amounts due but unpaid.
3. Delivery. Delivery of the Equipment shall be in material compliance with the schedule in Seller's Documentation.
4. Ownership of Materials. All devices, designs (including drawings, plans and specifications), estimates, prices, notes, electronic data and other documents or information prepared or disclosed by Seller, and all related intellectual property rights, shall remain Seller's property. Seller grants Buyer a non-exclusive, non-transferable license to use any such material solely for Buyer's use of the Equipment. Buyer shall not disclose any such material to third parties without Seller's prior written consent.
5. Changes. Seller shall not implement any changes in the scope of work described in Seller's Documentation unless Buyer and Seller agree in writing to the details of the change and any resulting price, schedule or other contractual modifications. This includes any changes necessitated by a change in applicable law occurring after the effective date of any contract including these terms.
6. Warranty. Subject to the following sentence, Seller warrants to Buyer that the Equipment shall materially conform to the description in Seller's Documentation and shall be free from defects in material and workmanship. The foregoing warranty shall not apply to any Equipment that is specified or otherwise demanded by Buyer and is not manufactured or selected by Seller, as to which (i) Seller hereby assigns to Buyer, to the extent assignable, any warranties made to Seller and (ii) Seller shall have no other liability to Buyer under warranty, tort or any other legal theory. If Buyer gives Seller prompt written notice of breach of this warranty within 18 months from delivery or 1 year from acceptance, whichever occurs first (the "Warranty Period"), Seller shall, at its sole option and as Buyer's sole remedy, repair or replace the subject parts or refund the purchase price therefor. If Seller determines that any claimed breach is not, in fact, covered by this warranty, Buyer shall pay Seller its then customary charges for any repair or replacement made by Seller. Seller's warranty is conditioned on Buyer's (a) operating and maintaining the Equipment in accordance with Seller's instructions, (b) not making any unauthorized repairs or alterations, and (c) not being in default of any payment obligation to Seller. Seller's warranty does not cover damage caused by chemical action or abrasive material, misuse or improper installation (unless installed by Seller). THE WARRANTIES SET FORTH IN THIS SECTION ARE SELLER'S SOLE AND EXCLUSIVE WARRANTIES AND ARE SUBJECT TO SECTION 10 BELOW. SELLER MAKES NO OTHER WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE.
7. Indemnity. Seller shall indemnify, defend and hold Buyer harmless from any claim, cause of action or liability incurred by Buyer as a result of third party claims for personal injury, death or damage to tangible property, to the extent caused by Seller's negligence. Seller shall have the sole authority to direct the defense of and settle any indemnified claim. Seller's indemnification is conditioned on Buyer (a) promptly, within the Warranty Period, notifying Seller of any claim, and (b) providing reasonable cooperation in the defense of any claim.
8. Force Majeure. Neither Seller nor Buyer shall have any liability for any breach (except for breach of payment obligations) caused by extreme weather or other act of God, strike or other labor shortage or disturbance, fire, accident, war or civil disturbance, delay of carriers, failure of normal sources of supply, act of government or any other cause beyond such party's reasonable control.
9. Cancellation. If Buyer cancels or suspends its order for any reason other than Seller's breach, Buyer shall promptly pay Seller for work performed prior to cancellation or suspension and any other direct costs incurred by Seller as a result of such cancellation or suspension.
10. LIMITATION OF LIABILITY. NOTWITHSTANDING ANYTHING ELSE TO THE CONTRARY, SELLER SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, PUNITIVE OR OTHER INDIRECT DAMAGES, AND SELLER'S TOTAL LIABILITY ARISING AT ANY TIME FROM THE SALE OR USE OF THE EQUIPMENT SHALL NOT EXCEED THE PURCHASE PRICE PAID FOR THE EQUIPMENT. THESE LIMITATIONS APPLY WHETHER THE LIABILITY IS BASED ON CONTRACT, TORT, STRICT LIABILITY OR ANY OTHER THEORY.
11. Miscellaneous. If these terms are issued in connection with a government contract, they shall be deemed to include those federal acquisition regulations that are required by law to be included. These terms, together with any quotation, purchase order or acknowledgement issued or signed by the Seller, comprise the complete and exclusive statement of the agreement between the parties (the "Agreement") and supersede any terms contained in Buyer's documents, unless separately signed by Seller. No part of the



1161 SE Hamblen Road
Lee's Summit, MO 64081
Tel#: 816-525-3320
800-366-7867
Fax#: 816-525-5881

-
12. Agreement may be changed or cancelled except by a written document signed by Seller and Buyer. No course of dealing or performance, usage of trade or failure to enforce any term shall be used to modify the Agreement. If any of these terms is unenforceable, such term shall be limited only to the extent necessary to make it enforceable, and all other terms shall remain in full force and effect. Buyer may not assign or permit any other transfer of the Agreement without Seller's prior written consent. The Agreement shall be governed by the laws of the State of Delaware without regard to its conflict of laws provisions.
13. Credit Approval: If at any time information available on Purchaser's financial condition or credit history, in JCI's judgment, does not justify the terms of payment specified herein, JCI may require full or partial payment in advance, or an acceptable for of payment guarantee such as a bank letter of credit, or other modifications to terms of payment.
14. Backcharges: JCI shall not be liable for any charges incurred by Purchaser for work, repairs, replacements or alterations to the Products, without JCI's prior written authorization, and any adverse consequences resulting from such unauthorized work shall be Purchaser's full responsibility.

Represented Locally By:

JCI Industries
Attn: Ty Copper
Number-(816)-260-8742

December 20, 2022

To: Bidding Contractors
Ref: Tanked Center Flow screen with 2mm Perforated grid

Hydro-Dyne Engineering Scope of Work 14827-2

Hydro-Dyne Engineering is pleased to offer this Scope of Work for the equipment detailed below in accordance to the specifications and addendums stated above, and the attached Hydro-Dyne Engineering Terms and Conditions. Where clarifications to the specifications are necessary, they will be listed below.

Hydro-Dyne Specification Section	Description	Quantity
2.2	Center Flow Screen - Model # CF23-15-82-2P	1 each
2.3	Screen Tank	1 each
2.4	Spare Parts	See Section
2.5	Accessories	See Section
2.6	Electrical Controls and Ancillary Components	See Section
4.1	Warranty	1 Year

FREIGHT

F.O.B shipment point with freight costs included.

NOT INCLUDED

This scope of work is limited to the specification section(s) and addendum(s) referenced above. Any other documents are not included. Concrete work, installation, plumbing, wiring connections, valves, strainers, level sensor mounts, bonds, liquidated damages, engineering certifications or seals, seismic/wind calculations and related PE stamps, and anything else not specifically detailed as included by the manufacturer in the specification above will be construed as NOT INCLUDED, whether or not inclusion is specifically acknowledged.

VALIDITY

Price quoted is firm provided:

1. Written acceptance is received at the factory within thirty (30) calendar days of the date of this offering.
2. Purchaser agrees to accept shipment 20 to 28 weeks from date of receipt of approved drawings and authorization to proceed with manufacture. Purchaser is allowed not more than 45 calendar days for review and return of submittals for approval.
3. Shipments delayed by the purchaser or his agents will be escalated at a rate of 1-1/2% per calendar month, compounded, of the value of the unshipped portion.

TANKED GREAT WHITE CENTER FLOW SCREEN & WHITETIP SHARK WASHING COMPACTOR TECHNICAL SPECIFICATIONS

Part 1 GENERAL

1.1 SCOPE – Supply all labor, materials, equipment and incidentals required to install and place into operation the fine screening system as shown on the Drawings and as specified herein.

1.2 REFERENCE STANDARDS – The properties of all materials, design, fabrication and performance of the equipment to be furnished under this section shall be in accordance with the latest issue of applicable standard specifications. The governing authorities of these standards are listed below.

- A. AICS, American Institute of Steel Construction
- B. AISI American Iron and Steel Institute
- C. ANSI, American National Standards Institute
- D. ASCE, American Society of Civil Engineers
- E. ASME, American Society of Mechanical Engineers
- F. ASTM, American Society of Testing and Materials
- G. AWS, American Welding Society
- H. IBC, International Building Code
- I. IEC, International Electric Code
- J. IEEE, Institute of Electrical and Electronics Engineers
- K. NEC, National Electrical Code
- L. NEMA, National Electrical Manufacturers Association
- M. Underwriters Laboratory (UL and cUL)

1.3 SUBMITTALS - Submittals shall be provided to the engineer that includes all the following information:

- A. Certified shop drawings showing all important details of construction, dimensions and anchor bolt locations.
- B. Descriptive product literature.
- C. Schematic electrical wiring diagram and electrical controls information.
- D. Complete motor and drive data.
- E. The total weight of the equipment.
- F. A complete bill of materials of all equipment.
- G. A valid certificate of registration naming manufacturer, and supplier if equipment is relabeled, as ISO 9001:2015 certified.
- H. A certificate from an industry recognized, independent testing facility verifying compliance with Screening Capture Ratio requirement.

1.4 QUALIFICATIONS

- A. All the equipment specified under this Section shall be supplied by a single manufacturer whose Quality Management System is ISO 9001:2015 certified and applicable to the manufacture of water and wastewater treatment equipment.

- B. If equipment is not manufactured by supplier, including welding and machining, the name and contact information of manufacturing facility must be supplied. If more than one manufacturer is used all companies and facilities must be provided.
- C. If patents protecting equipment are not owned by supplier, then an affidavit must be supplied stating owner of design and expiration of licensing agreement.

1.5 DESIGN REQUIREMENTS

A. System Description

1. The fine screen will have a continuous stainless steel belt that automatically rotates within the internal guide system of the static frame.
2. The fine screen herein specified will be of the center flow type. The flow enters the inside of the continuous belt and exits through both sides and the bottom of the belt.
3. The screen shall have undergone performance testing by an industry recognized, independent testing facility. The results of this testing shall verify a Screening Capture Ratio of at least 93% for solids equal to or larger than a 2mm of the same screen design proposed by the same manufacturer.
4. The screen will be installed into the channel as shown on the contract drawings to accommodate the flow pattern through the screen belt.
5. The solids will collect as a mat on the inside of the continuous belt. The belt will intermittently rotate and elevate the solids to the discharge point. Larger objects will be picked up by a series of hooks and/or trays placed at regular intervals.
6. The solids will be removed at the top of the screen by two spray bar headers positioned on the outside of the belt. The screenings will drop into an internal hopper and be fed to the screening handling system.
7. The continuous belt will be directly driven by drive sprockets that shall support and rotate the grid assembly.
8. The screen will be totally enclosed and have access covers that will be lightweight and easily removable for maintenance.
9. ~~The Washing Compactor will be integral to the head space of the screen.~~ *LTC Included in 1/27/23 scope* *Removed from scope 12/21/2022*
10. ~~The Washing Compactor will generally comprise of a screw auger rotating within the washing and drainage trough, a wash water system, a compaction zone and an outlet chute arrangement.~~ *LTC Included in 1/27/23 scope* *Removed from scope 12/21/2022*
11. All stainless steel (including frame, grid and drive components) mentioned below as stainless steel shall be T304 stainless steel. All hardware shall be T316 stainless steel.

B. System Performance – The fine screening system will be designed to meet the following design parameters:

1. Number of screens	1
2. Peak flow per screen	0.16 MGD
3. Velocity through the grid	1.95 ft/s
4. Screen grid opening	2 mm
5. Head loss at peak flow	5.54 inches @ 75% blinding and 9 inches upstream water level
6. Structural design differential of frame/grid	48 inches minimum @ 100% blinding
7. Drive design differential (operating)	48 inches minimum
8. Channel width	30 inches
9. Channel height	30 inches
10. Tank Dimensions	30" [W] x 30" [H] x 90" [L]
11. Number of Washing Compactors	N/A
12. Scree discharge height above grade	40 inches
13. Screen wash water requirements	14 GPM @ 60 PSI

Part 2 PRODUCTS

2.1 MANUFACTURER

- A. The equipment shall be the Center Flow Screen and Washing Compactor as provided by Hydro-Dyne Engineering, Inc., Clearwater, FL. Other than the named supplier, all manufacturers proposing equipment described herein, will provide a detailed submittal package, which will consist, at a minimum, of all information and details prescribed in section 1.3, 1.4, including BABA compliance, and Part 2 of this specification. All pre-qualification submittals will be submitted to the Engineer at least 15 days prior to the bid date.
- B. If submitted equipment requires arrangement differing from that specified, prepare and submit for review complete structural, mechanical, and electrical drawings and equipment lists showing all necessary changes and embodying all special features of equipment proposed. Any changes are at no additional compensation and the Manufacturer will be responsible for all engineering costs of redesign by the Engineer, if necessary.

2.2 THE CENTER FLOW SCREEN

A. Perforated Plate - The Continuous Screening Belt

1. The screenings belt will consist of panels manufactured from stainless steel plate that shall be punched with perforations of the specified opening. The stainless steel plate shall be reinforced with a stainless steel frame.
2. The perforated panels will be supported by 12 gauge stainless steel vertical mounted lifting hooks horizontally spaced a maximum of 3 inches apart preventing deflection. The lifting hooks shall support the screening grid and bear tension loads across the entire length and width of the screen belt.

3. The hooks on elements shall form horizontal lifting trays or shelves for removing large solids and rags every 8 inches around the entire screen grid.
4. The perforated panels will be connected by heavy duty stainless steel axles every 8 inches to form a continuous belt that will rotate within the frame's guide system. The axle design will allow the plates to pivot and create a seal between the perforated panels to prevent the passage of solids.
5. The axles will include Delrin spacers that will maintain the 3 inch space between the vertical support elements. Delrin spacers will also form a seal between each perforated panel with clearance not to exceed 0.5mm.
6. The axles will be extended to fix a UHMWPE guide link to the side of each perforated plate. These guides will interlock to create a continuous guide link system that will slide within the frame.
7. Guide links shall be precision machined from solid virgin UHMWPE. Injection molded links are not acceptable.
8. The heavy duty guide links will be minimum 2 inches thick to protect against undue wear from grit and will be specially machined to form a closure seal between the rotating belt and the static frame.
9. The seal shall be continuous from grade level through the water flow forming an uninterrupted closure between the traveling screen grid and the stationary frame. The seal shall be heavy gauge stainless steel, fixed to the screen frame and be adjustable so it will remain in contact with the rotating screen belt at all times. There shall be no gap in the grid to frame seal larger than 0.5mm.
10. Guide systems that use rollers, stainless or hardened steel chains will not be acceptable.
11. Grid panel sealing systems that use neoprene seals or stainless steel hinges will not be acceptable.
12. Grid to frame sealing systems that use adjustable UHMWPE strips attached to the frame will not be acceptable.

B. The Frame

1. The continuous belt will rotate within a heavy duty stainless steel static support frame that shall be a rectangular box construction.
2. The guide link system will travel around a stainless steel guide wear track that is integral to the support frame. Top and bottom wear tracks shall be bolt in and field replaceable.
3. There shall be a removable inspection panel located directly beneath the drive allowing easy access to the grid drive sprockets, drive shaft and screenings collection hopper.

4. The design will ensure that the support frame meshes with the closure seal on each guide link to prevent passage of screening material and grit particles.
5. All components of the lower wear tracks shall be bolt in, field replaceable and manufactured from stainless steel.
6. The frame shall accommodate stainless steel protective covers designed to prevent leakage and contain spray wash. All access covers for maintenance will be lightweight and easily removable. Screens with covers requiring neoprene, rubber or plastic seals are not acceptable.
7. The screen manufacturer will supply the stainless steel angled filler plates to connect from the upstream corners of the support frame to the channel walls.
8. The back-plate of the screen shall be furnished with a bypass gate that will allow manual removal for complete flow bypass.

C. The Offloading of Screenings

1. Two stainless steel spray wash headers will be located in the head space of the screen to offload the screenings from the continuous belt.
2. The spray bar will incorporate brass nozzles at 2 inch spaces that can easily be replaced or removed for cleaning.
3. The spray bars will be positioned behind the rotating belt and will backwash the solids into an internal hopper manufactured from stainless steel. The wash water will be used to continuously flush the screenings from the internal hopper directly into the Washing Compactor.
4. The addition of a rotating or static brush system to aid offloading will not be acceptable.

D. Screen Drive Mechanism

1. Each screen will have a minimum 0.5 hp, inverter duty electric motor suitable for a 460/3/60 supply and rated for a Class 1 Div. 2 environment. As a minimum, the motor will be TEFC with an IP55 enclosure rating and will conform to NEMA MG-1 requirements. The motor will be located outside of the screen covers and above the top of the channel.
2. The gear reducer shall be directly coupled to a heavy duty shaft machined from solid stainless steel round bar.
3. The drive shaft shall be supported on both ends by grease filled roller bearings. Separate grease-filled self-contained cartridge seals shall be mounted on drive shaft between bearings and frame to eliminate spray wash from entering bearings or gear reducer.

4. The continuous belt will be supported and rotated around heavy duty stainless steel sprockets located on the drive shaft in the head space of the screen.
5. These sprockets will have removable bolted-on lugs that transmit torque directly from the gear reducer to notches on the underside of the UHMWPE guide links. Driving forces shall be transmitted to areas located behind the screen's grid to prevent solids from contacting drive surfaces.
6. Chain driven systems or screens with wheels submerged in the wastewater are not acceptable.
7. Drive systems that use an external track and pinion to drive or push the band against grid weight supporting wear tracks will not be acceptable. Drive shall lift, and be capable of bearing, the full weight of the grid.

2.3 SCREEN TANK

- A. The manufacturer shall design and supply a stainless steel tank that will house the screen and sluice.
- B. The tank will be manufactured from minimum 14 gauge stainless steel with minimum 10 gauge exterior bracing as required to limit distortion.
- C. The tank inlet connection will have a 4 inch pipe diameter flange and positioned to allow for gravity unloading.
- D. The tank outlet connection will have a 4 inch diameter pipe flange.
- E. The tank will be completely enclosed to minimize odors with bolt fastened stainless steel covers for easy removal if necessary.
- F. The tank will have inspection hatches that will use quick disconnect latches which require no tools.
- G. An ultrasonic level sensor will be mounted to the top of the tank.
- H. A float switch will be mounted on the upstream side of the tank.

2.4 SPARE PARTS - The manufacturer will supply the following spare parts, per screen supplied, with the equipment:

- A. Ten (10) hook links and elements spacers
- B. Two (2) grid axles
- C. Two (2) guide links
- D. Two (2) screen panels

2.5 ACCESSORIES - The manufacturer will supply the following accessories, with the equipment:

- A. One (1) 1" NEMA 7 brass body solenoid valve
- B. One (1) 1.5" wash water strainer
- C. Two (2) wash water pressure gauge

2.6 ELECTRICAL CONTROLS AND ANCILLARY COMPONENTS

- A. General Information - The manufacturer will supply one UL listed main control panel and one local control station that shall automatically control the equipment offered in this section.
- B. The Main Control Panel – NEMA 4X stainless steel enclosure for outdoor installation – Each control panel shall consist of the following components for each screening system:
 - 1. Main disconnect breaker with operating handle
 - 2. Surge Suppressor 480VAC
 - 3. Surge Suppressor 120VAC
 - 4. Control power transformer
 - 5. Idec, Programmable Relay with I/O expansion module as required
 - 6. Idec, Display Panel
 - 7. ABB ACS580 VFD with breaker protection [Screen] up to 1.0 HP
 - 8. IS Relay
 - 9. Ground bar
 - 10. Panel heater
 - 11. Cooling fan
 - 12. HMI sunshade
 - 13. Elapsed time meter
 - 14. LOT of pilot lights as required
 - 15. LOT of control relays, terminal blocks, fuse blocks, wire duct, supplementary circuit protection, UL label as required.
- C. Ancillary Control Components -
 - 1. Float switch
 - 2. Ultrasonic level transducer
 - 3. Local Control Station – NEMA 7 - Each local station panel shall consist of the following components:
 - a. NEMA 7 enclosure
 - b. Hand/Off/Auto switch for each motor
 - c. Emergency stop

Part 3 SURFACE PREPARATION AND PAINTING

- A. The majority of stainless steel materials, flanges and piping shall be pickled by means of a four tank system that is in accordance with ASTMs A380. This process is for quality control, removal of heat affected discoloration, surface treatment for corrosive environments and to provide a uniform finish to the stainless steel surfaces. Stainless steel

components must be fully submerged in the tanks for complete coverage. Electro-chemical wanding is acceptable on weld finishes that cannot be submerged due to size. Sandblasting, pickling pastes and abrasive cleaners will not be accepted as forms of metal finishing. The drive and grid components do not require pickling.

Tank 1 – Detergent bath for the removal of soils, greases, oils and dirt

Tank 2 – Rinsing process to remove detergent and residual soils

Tank 3 – Two part acid solution for the removal of tightly adhere oxide films

Tank 4 – Final rinse process to remove all residual acid

B. All ferrous surfaces (except stainless steel) shall be coated with a pre-primer, primer, and an exterior top coating, or fusion bonded polyester coating suitable for humid/wet environments for superior corrosion protection.

C. Motor(s) and gearbox(s) shall be surface prepared to withstand humid/wet environments for superior corrosion protection.

Part 4 EXECUTION

4.1 WARRANTY - The Manufacturer of the equipment supplied under this specification shall provide a warranty for a period of twelve months commencing on acceptance and/or beneficial occupancy by the Owner but no later than 90 days from the date of shipment by the Manufacturer. The Manufacturer shall guarantee that the equipment furnished is suitable for the purpose intended and free from defects in design, materials and workmanship. In the event that the equipment fails to perform as specified the Manufacturer shall, at his option, promptly repair, modify or replace the defective equipment.

4.2 FACTORY TESTING

A. The screening system and all components shall be factory assembled and tested for a minimum of 24 hours prior to shipment. The equipment shall be shipped fully assembled and shall be capable of being set in place and field erected by the Contractor with minimal field assembly.

B. During the factory test period the screening system shall be adjusted as required assuring proper operation on completion of the field installation. The Manufacturer shall supply a certification of the completion of the factory testing of the assembled screening system and appurtenances and shall certify as to the equipment being in satisfactory operating condition at time of shipment. The Engineer and/or Owner may, at their own option and expense, witness the factory test.

4.3 DELIVERY AND STORAGE

A. The screening system shall be appropriately crated and delivered to protect against damage during shipment.

B. An authorized representative of the Contractor shall inspect the screens on delivery to the jobsite and shall report any damage or missing components to the Manufacturer and the Engineer within 72 hours of receipt of the shipment.

4.4 INSTALLATION - The installation of the equipment shall be as indicated on the drawings and in strict accordance with the Manufacturer's instructions and recommendations.

4.5 FIELD TESTS, ADJUSTMENTS AND COMMISSIONING

- A. The equipment shall be shipped completely factory assembled. Contractor shall verify all access dimensions, channel dimensions, and any interior building dimensions to ensure equipment may be installed as a factory assembled units.
- B. After completion of the installation, the equipment shall be inspected and certified by an authorized representative of the Manufacturer as being in compliance with the Manufacturer's recommendations and requirements. At such time as the Manufacturer has deemed the installation to be acceptable, the Manufacturer's authorized service representative shall make any required adjustments and shall start the equipment to assure proper operation.
- C. The Manufacturer's authorized representative shall provide instruction to the plant personnel as to the operation and maintenance of the equipment including commissioning, shut down, on-line operations, lubrication and preventative maintenance.
- D. Manufacturer shall state field service rates for a Service Engineer to Owner and Contractor. In the event that the field service time required by this section should not be sufficient to properly place the equipment into operation, and the requirement for additional time is beyond the manufacturer's responsibility, additional time shall be purchased by Contractor to correct deficiencies in installation, equipment, or material without additional cost to Owner.
- E. The Contractor shall include in his bid, the cost of the above referenced authorized service representative for a minimum of one (1) trip totaling one (1) eight hour day onsite to complete the certifications and training described in this specification section.

End of Section

Great White Center Flow Screen Equipment Sizing

HYDRO-DYNE
ENGINEERING

Project: Liberty, MO - WWTP

Date: 12/15/2022

Rep: JCI Industries

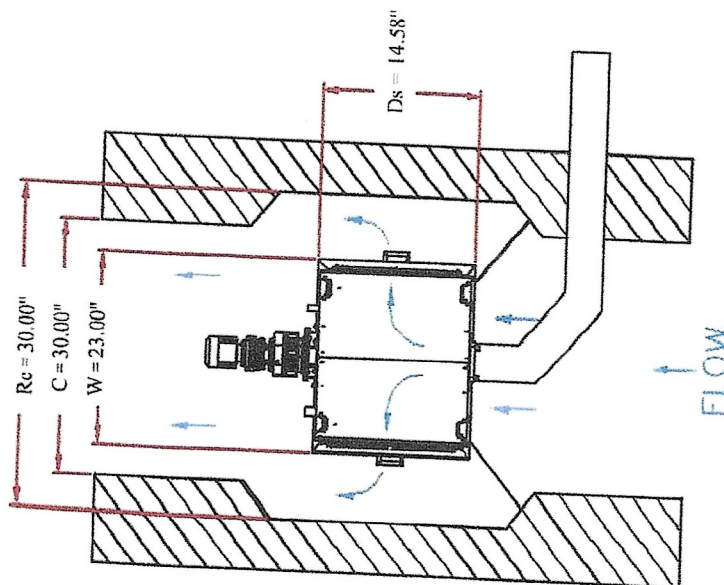
By: RH

Checked: JMB

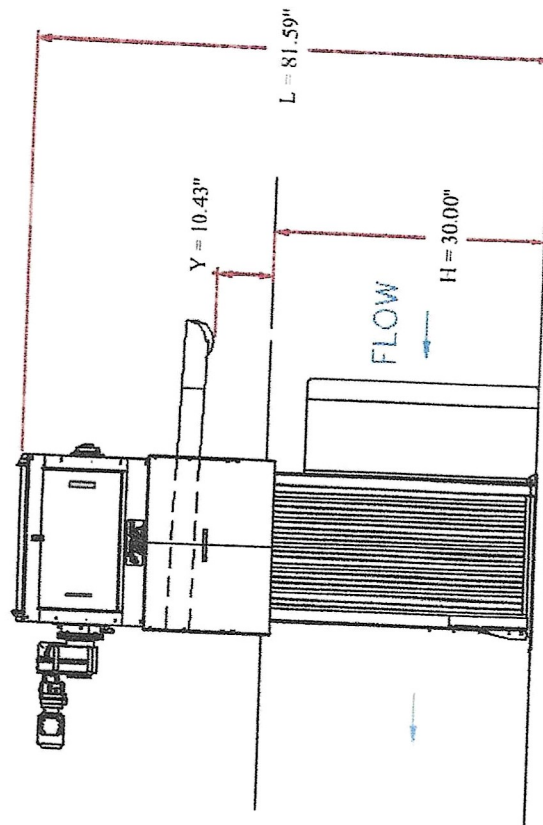
Tel: 813-818-0777 Fax: 813-818-0770

Model # CF 23 - 15 - 82 - 2 - P

Channel Dimensions:		
C	English Units	SI Units
Channel Width	30.00 in	762 mm
Channel Height	30.00 in	762 mm
Recess Width,	30.00 in	762 mm
Channel Recess Depth	0.00 in	0 mm
IC	0.00 in	0 mm
Height from Grade to Top of Channel	0.00 in	0 mm



Equipment Dimensions:		
L	English Units	SI Units
Length of Screen	81.59 in	2072 mm
W	23.00 in	584 mm
Ds	14.58 in	370 mm
Y	10.43 in	265 mm
Screen Grid Parameters:		
S	English Units	SI Units
Grid Opening Spacing	Perf 2mm metal	
Obs	Percent of Screen Obstructed	75 %
OA _{gr}	Effective Percent of Grid Opening	11.55 %
	Hook Link	12 ga
	Straight Link	12 ga



NOTE: * Effective Percent of Grid Opening = Percent of Grid Opening at 2mm Opening x (1 - Proposed 75% of Screen Obstructed).

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Great White Center Flow Screen Hydraulic Performance



Project: Liberty, MO - WWTP

Date: 12/15/2022

Rep: JCI Industries

Tel: 813-818-0777 Fax: 813-818-0770

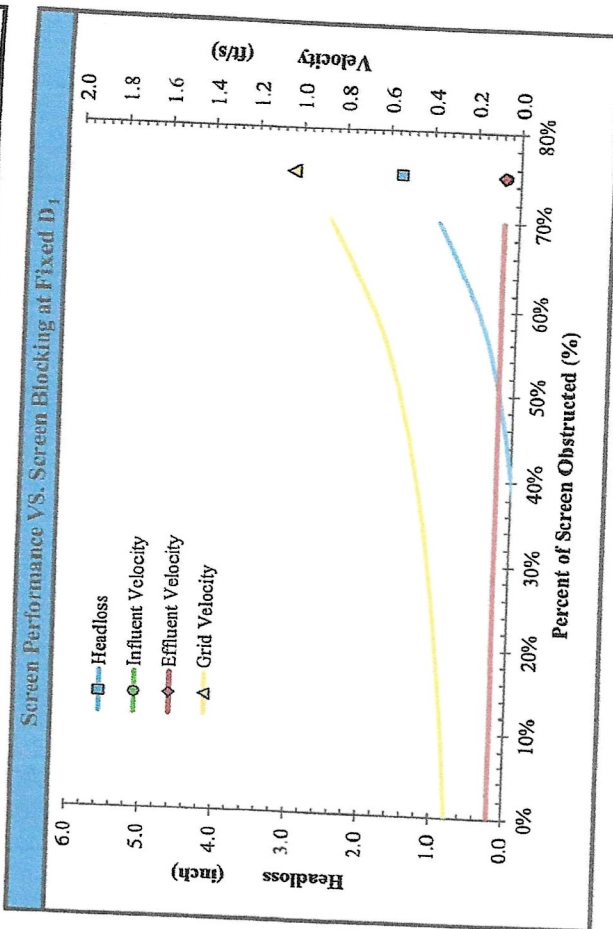
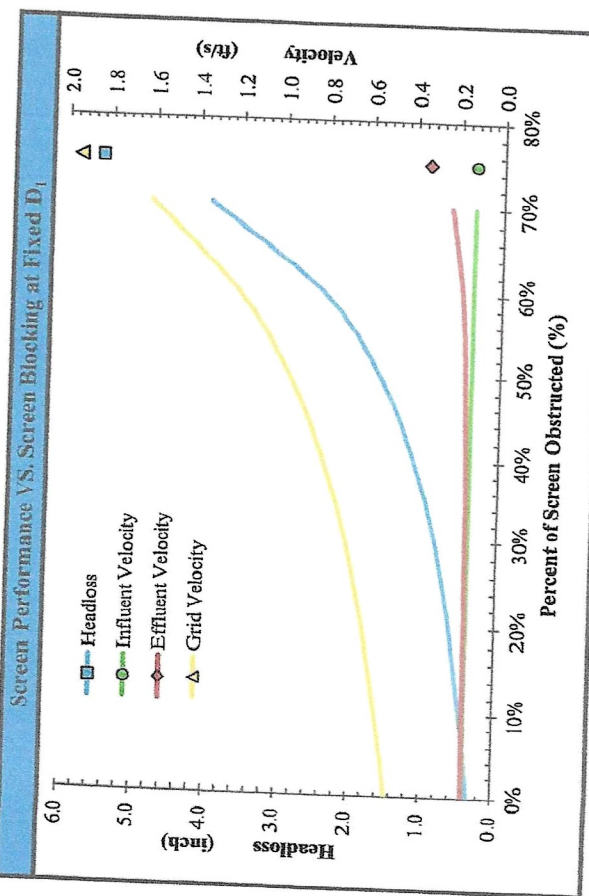
By: RH

Checked: JMB

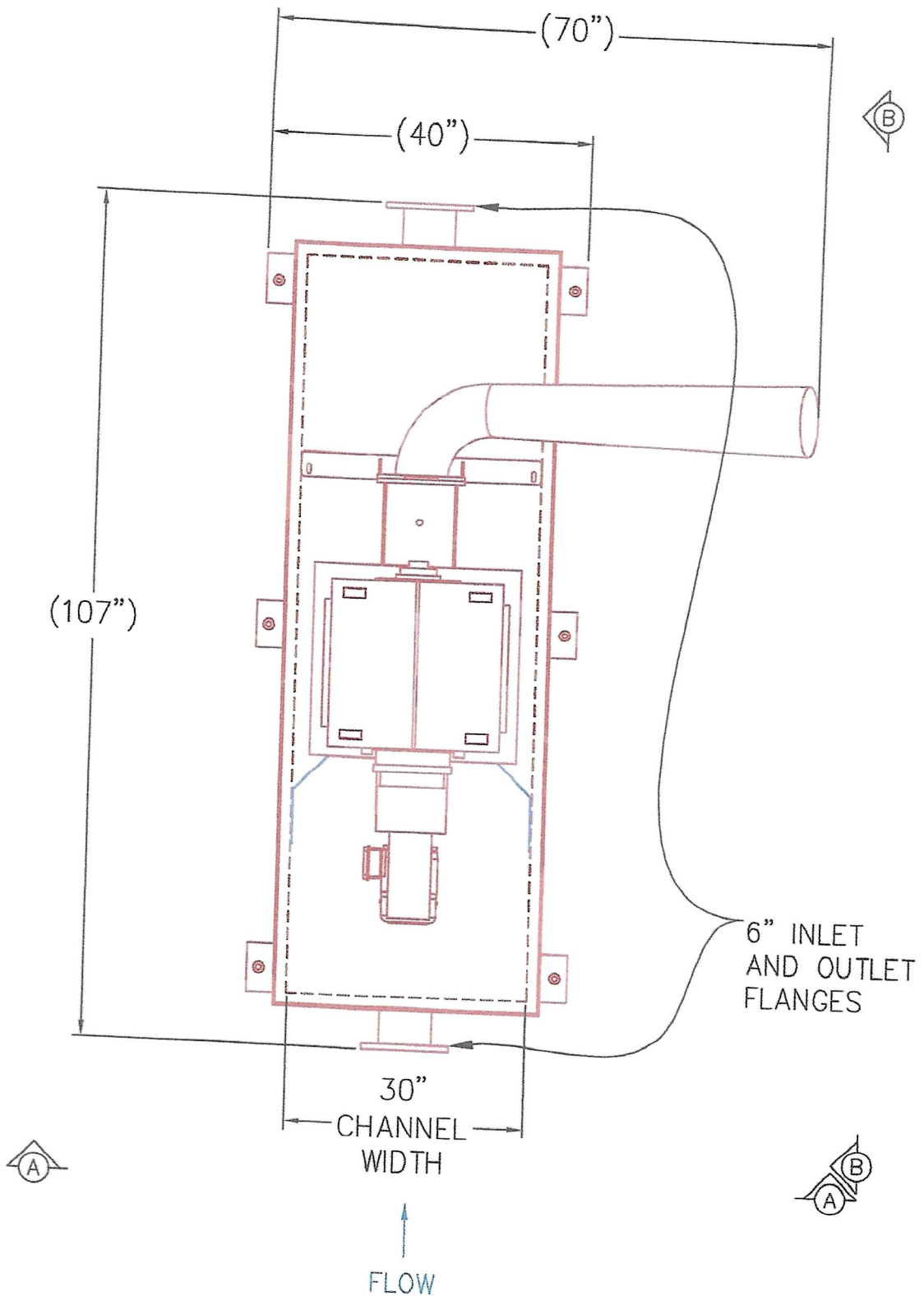
Model # CF 23 - 15 - 82 - 2 - P

Fixed D ₁ Condition @ 75% Obs				English Units		SI Units	
Q	Flow Rate	0.16 MGD	111 gpm	7 L/s	606 m ³ /d		
D ₁	Upstream Water Depth	9.00 in		229 mm			
D ₂	Downstream Water Depth	3.46 in		88 mm			
ΔH	Total Headloss	5.54 in		141 mm			
F	Freeboard	21.00 in		533 mm			
V ₁	Influent Channel Velocity	0.13 ft/s		0.04 m/s			
V _T	Throat Velocity of Screen	1.06 ft/s		0.32 m/s			
V _G	Velocity Through Grid	1.95 ft/s		0.59 m/s			
V _{Re}	Recess Zone Velocity	0.96 ft/s		0.29 m/s			
V ₂	Effluent Channel Velocity	0.34 ft/s		0.10 m/s			

Fixed D ₁ Condition @ 75% Obs				English Units		SI Units	
Q	Flow Rate	0.16 MGD	111 gpm	7 L/s	606 m ³ /d		
D ₁	Upstream Water Depth	18.00 in		457 mm			
D ₂	Downstream Water Depth	16.36 in		416 mm			
ΔH	Total Headloss	1.64 in		42 mm			
F	Freeboard	12.00 in		305 mm			
V ₁	Influent Channel Velocity	0.07 ft/s		0.02 m/s			
V _T	Throat Velocity of Screen	0.26 ft/s		0.08 m/s			
V _G	Velocity Through Grid	1.04 ft/s		0.32 m/s			
V _{Re}	Recess Zone Velocity	0.21 ft/s		0.06 m/s			
V ₂	Effluent Channel Velocity	0.07 ft/s		0.02 m/s			



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PLAN VIEW

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ESTIMATED EQUIPMENT WEIGHTS
 DRY TANK: 600 LBS; WET TANK: 2,400 LBS
 DRY SCREEN: 1,300 LBS; WET SCREEN: 1500LBS
 DRY COMPACTOR: 500 LBS; WET COMPACTOR: 600 LBS

UNLESS NOTED

TOLERANCE
 .X ± 0.125"
 .XX ± 0.060"
 .XXX ± 0.030"
 FRACTIONAL: ± 1/4"
 ∠ ± 1°

HYDRO-DYNE
ENGINEERING
 www.hydro-dyne.com

BRECKENRIDGE, CO — RBC PLANT — PROPOSAL LAYOUT

DRAWING #: CF23-18-82-3P4-WCW6-TANK-P1

SHT.: 1/3

REV.: P1

DRAWN BY/DATE: R. HSU

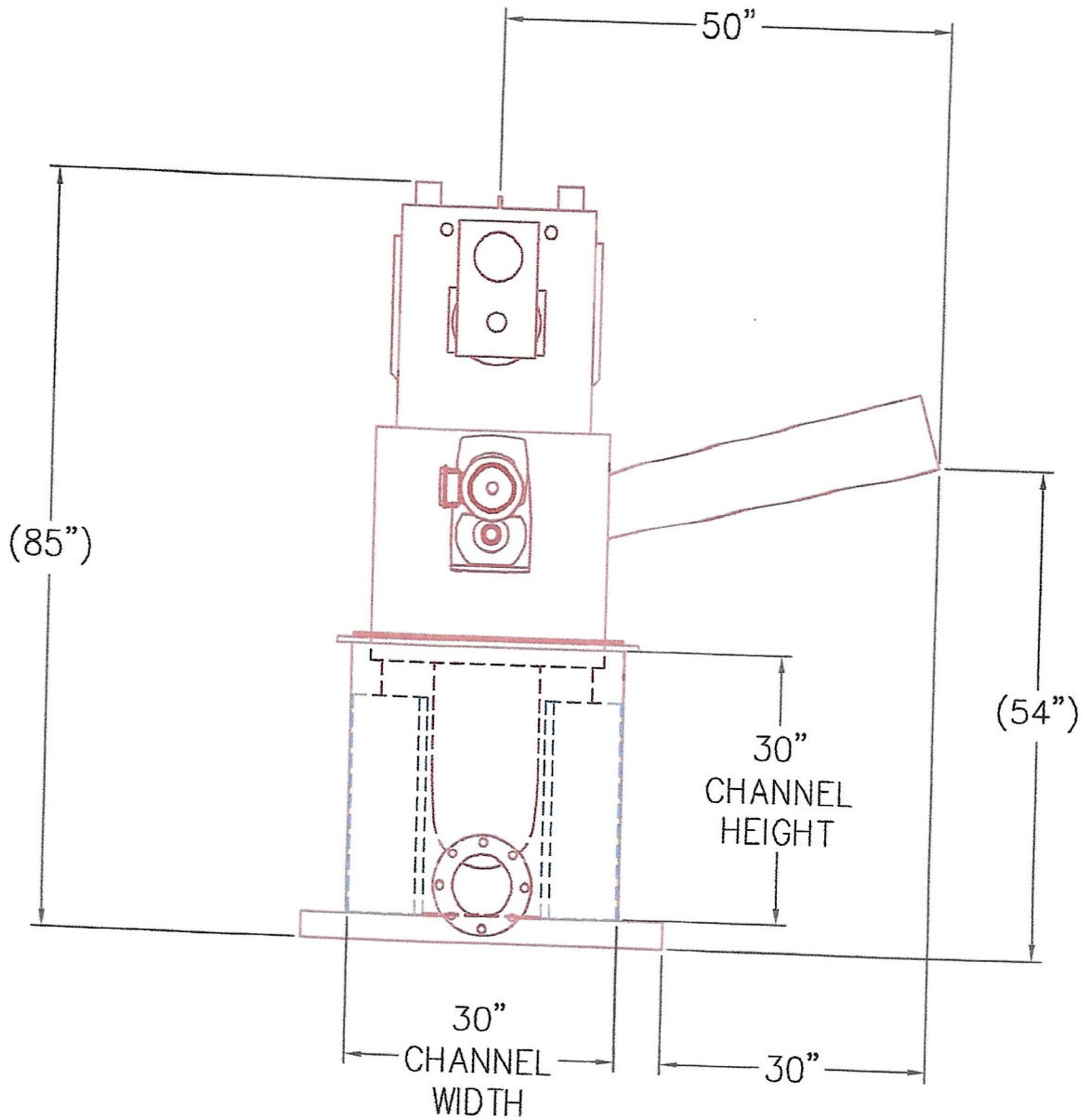
10/25/2022

SCALE: NTS

CHECKED BY/DATE: J. BOGGESS

10/25/2022

SIZE: A



VIEW 'A-A'

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UNLESS NOTED

TOLERANCE
 .X $\pm 0.125''$
 .XX $\pm 0.060''$
 .XXX $\pm 0.030''$
 FRACTIONAL: $\pm \frac{1}{4}''$
 $\angle \pm 1^\circ$

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 ENGINEERING
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BRECKENRIDGE, CO – RBC PLANT – PROPOSAL LAYOUT

DRAWING #: CF23-18-82-3P4-WCW6-TANK-P1

SHT.: 2/3

REV.: P1

DRAWN BY/DATE: R. HSU

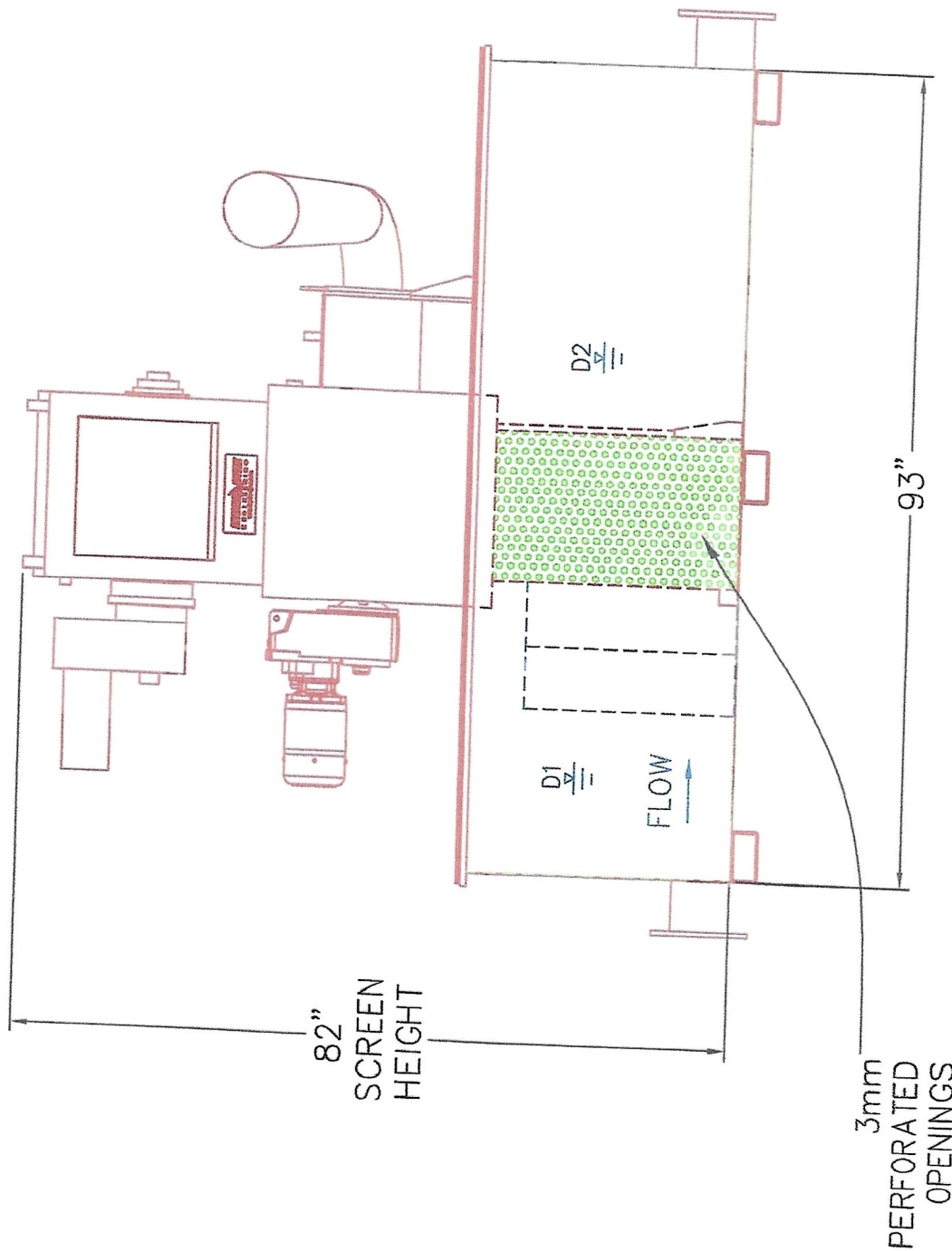
10/25/2022

SCALE: NTS

CHECKED BY/DATE: J. BOGGESS

10/25/2022

SHT: A



VIEW 'B-B'

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UNLESS NOTED

TOLERANCE
 .X ± 0.125" $\angle \pm 1^\circ$
 .XX ± 0.060"
 .XXX ± 0.030"
 FRACTIONAL: $\pm \frac{1}{4}$ "

HYDRO-DYNE
 ENGINEERING
 www.hydro-dyne.com

BRECKENRIDGE, CO - RBC PLANT - PROPOSAL LAYOUT			
DRAWING # CF23-18-82-3P4-WCW6-TANK-P1	SHT.: 3/3	REV.: P1	
DRAWN BY/DATE: R. HSU	10/25/2022	SCALE: NTS	
CHECKED BY/DATE: J. BOGCESS	10/25/2022	SIZE: A	



**CITY COUNCIL
ACTION REPORT**
Meeting Date: May 8, 2023
A/R No.: 2023-523

Department: Public Works

Submitted By: Joshua Martinez, Capital
Projects Engineer

Subject: ORDINANCE AMENDING ORDINANCE NO. 11556 APPROVING A
CONTRACT BETWEEN THE CITY OF LIBERTY AND VSM ENGINEERING FOR
THE MISSISSIPPI ST AND LIBERTY DR DESIGN PROJECT BY ADDING THE
DESIGN OF A WATERMAIN ALONG MISSISSIPPI ST

Summary:

- Ordinance approving a contract amendment between the City of Liberty and VSM Engineering for Mississippi Street and Liberty Drive Sidewalk Design Project
- The amended scope of work provides for the design of a watermain along Mississippi Street within the extent of the current sidewalk design project,
- The amendment increases the contract amount by \$25,780.00 to \$129,250.00
- Funding is provided by the City of Liberty Utilities Department

Background:

City of Liberty project 21-025 "Mississippi St. and Liberty Dr. Sidewalks Design" was initiated after City staff received requests from citizens and elected officials to complete sidewalk improvements to bridge gaps in the city sidewalk system. At the February 28, 2022 City Council meeting, a design contract was approved with VSM Engineering for the design of sidewalk improvements at two locations which had been identified as priorities:

- Mississippi St. from Fairview Ave. to Maple St.
- Liberty Dr. from Midjay Dr. to Fairview Ave.

At the February 27, 2023 City Council meeting, the design contract was amended to increase the scope of work along Liberty Dr. to include the segment between Midjay Dr. and Red Oak Ln.

Between February and March of 2023, the City of Liberty Utilities and Public Works Departments discussed ongoing and planned projects. During discussions, utilities made known the desire to replace the existing water main along Mississippi St. Replacement of the water main along Mississippi St. is required as it is undersized, outdated and requires frequent maintenance to stay operational.

In an effort to optimize interdepartmental coordination, the usage of city funds and to prevent unnecessary rework, Public Works and Utilities Departments determined to include the design of a watermain along Mississippi St. as part of the current contract with VSM. VSM engineering provided their qualifications for the design of the

watermain to city staff. Finding VSM qualified for the additional scope, an amendment was negotiated. The amendment includes the design of a water main along Mississippi St. between Fairview Ave. to Maple St. The inclusion of this additional work within the current contract provides the following benefits:

- ensures the two projects are closely coordinated and do not conflict
- utilizes surveying data from the existing project for the added scope
- provides (2) separate projects with construction level plans at the same time

Staff recommends approval of an Ordinance amending Ordinance No. 11556, thereby increasing the agreement between the City of Liberty and VSM Engineering from \$103,470.00 to \$129,250.00.

Previous Action (if applicable):

- The Citizen Sales Tax Oversight Committee reviewed the project at the February 2022 meeting and determined it meets voter intent.
- The Liberty City Council approved a design contract with VSM Engineering at the February 28, 2022 meeting. (Ordinance No. 11556)
- The Liberty City Council approved an amendment to Ordinance No. 11556 at the February 27, 2023 meeting. (Ordinance No. 11723)

Policy/Committee Review:

Citizen Sales Tax Oversight Committee	Completed/Recommended: NA
Public Safety Sales Tax Oversight Committee	Completed/Recommended: NA
Budget Committee	Completed/Recommended: NA
Other:	Completed/Recommended: NA

Financial Considerations:

Budgeted:	Line Item: 94.70.801.36.7501	Amount: \$25,780.00
	Line Item: 52.75.607.14.5625	Amount: \$103,470.00
	Revenue Line (if applicable):	Amount:
Non-Budgeted	Line Item:	Amount:
	Line Item:	
	Funding Source:	Amount:

Attachments:

1. Exhibit A
2. Exhibit B
3. 2023-523 Ammend_2 Contract VSM - ORD (2)

Project #21-025
Design Mississippi Street Sidewalk – Fairview Ave to Maple St. and Liberty
Drive Trail – Midjay Dr. to Wilshire Blvd
Sidewalk and Trail Improvements
Last updated 4-10-23

VSM Engineering LLC

ATTACHMENT A
SCOPE OF WORK
AMENDMENT 2 – Mississippi St (north side) + Water Line

The design professional shall complete all tasks for the Project.

Phase 2A – Plans & Cost Estimate and Special Provisions for 5-ft sidewalk on the north side along Mississippi Street + Plans, Cost Estimate and Special Provisions for 700 LF of water main from Fairview to Maple Ave (southbound)

Task 700– Construction Plan Development

Attend meeting and develop meeting minutes. Assume two (2) additional meetings. Also includes design professional contract/subcontract preparation, Quality Control reviews and invoicing.

Construction Plan Development – Create 5 Additional Plan and Profile sheets (see detail attached). This includes construction plans for 600 LF± of 5-ft wide sidewalk along the North side of W. Mississippi St. from N. Fairview Ave. to Maple St. (northbound).

Water line Plans and Profile – 700 LF – 1" = 20 Ft scale. Liberty Details will be included in Plans. Plans will extend from along W. Mississippi St. from the west side of N Fairview Ave to the west side of Maple Ave (southbound).

Additional Field Survey - Not anticipated for Amendment 2.

Task 800- Legal Descriptions and Tract Maps – N/A for this amendment 2.

Task 900- Quantities & Cost Estimate

Estimate Costs for using earthwork, stormwater, sidewalk and subgrade and subbase quantities and other items such as construction traffic control, retaining wall, etc. Develop a separate cost estimate for the water line to include trenching, pipe, fittings, bedding material and other items.

Task 1000 – Develop Special Provisions

Develop Special Contract Provisions as needed for the project. The remainder of the Specification document will be prepared by the City of Liberty for both the sidewalk and the water line plans.

Task 1100 – Submittal, Comment and Responses

Respond to City comments and make adjustments to plans and estimate as needed. Assume one round of comments and responses.

Task 1200 – Final Submittal, Plans, Estimate and Special Provisions

Submittal of Final contract deliverables that are sealed and in the requested format.

Task 1300 - Record Drawings –

Develop record drawings for water lines only based upon redlines from contractor or City.

Deliverables

- Two half-size sets 11" x 17"
- Pdf sets –Emailed or on flash drive
- Cad drawings-On flash drive

Expenses (for both phases) - \$0 for this amendment

To include mileage, printing, etc.

Bid Phase- Not Included in Scope at this time.

Construction Phase - Not Included in Scope at this time.

VSM Engr
City of Liberty
Trail and Sidewalk
VSM Project 22-01 - Amendment 2 - Missiissippi St. + Water Line
Last updated 04-09-23

Task	Description	V	V	S	A/M	W	N	Incidental Expenses	Comments/Clarifications
		Principal /Project Manager	Sr. Civil Engineer	Senior Civil Engineer	Civil Engineer EI	Civil Tech/Drafting	Admin	L. S. \$	

Phase 2b - 5-ft Sidewalk Plans + Water line Plans- Construction Plans (70 Calendar days extra												
700				Construction Plans	4	4	36	325	0	8	\$0	See Drawing List. No Add'l Survey needec
												Assume No ROW needed since entire route is platted. Title Reports provided by the City of Liberty.
800				Legal Descriptions and Tract Maps	0	0	0	0	0	0	\$0	
900				Quantities and Cost Estimate	0	2	0	12	0	0		Includes grading quantities from CAD
1000				Technical specifications	0	8	0	0	0	0		All specs to be done by City of Liberty. Special Provisions by VSM.
1100				Submittals and comment responses	8	8	0	16	0	0		Assume 1 round of comments and responses
1200				Final Plans, Estimate and Special Provisions	2	2	0	16	0	0	\$0	Misc. Expenses- Printing, Mileage \$0 - No Additional needed.
1300				As-Built Water Line Plans	4	0	0	16	0	0		As-Builts for water Line - based upon redlines from Construcion Team
				SUBTOTAL SIDEWALK CONSTRUCTION PLANS	18	24	36	385	0	8	0	Deliverables are Plans, Cost Estimate and Special Provisions
				Rates	\$200	\$175	\$150	\$110	\$95	\$60	\$1	
				Total Costs	\$3,600	\$4,200	\$5,400	\$42,350	\$0	\$480	\$0	\$56,030

Drawing List - for 1600 LF of 5-ft Sidewalk (Liberty Ave) + 600 LF of 5 ft Sidewalk (Mississippi) + 700 Waterline		
	Additional Drawings to Amendm	ent 2
Drawings 22 x 34 (1/2 size is 11 x 17)	Sheets	
Title Sheet	1	0
General Notes and Survey Data	1	0
Survey Data Sheet with BM and CP's	1	1
Alignment Layout Sheet and Typical Sections	1	1 for sidewalk
Plan and Profile View - 1" = 20' for 1300 LF - 400 LF per sheet	4	5 for sidewalk and water main plans - two separate sets = one for si
Cross sections - 12 sections per sheet	2	2 for sidewalk only
Watershed Map and Stormwater Design Data for culvert crossings	2	0 no sidewalk pipe crossings expected
Sediment and Erosion Control Plan (do by note only for Shop drawing)	0	0
Construction Traffic Control Plan (add note for Shop drawing review on Details - Typical Trail Section, Sediment and Erosion Control Details, Handicap ramp detail, Retaining Wall (CME Wall)	0	0
	3	4 water line connection details (3)
	15	13

Document No. _____

ORDINANCE NO. _____

AN ORDINANCE AMENDING ORDINANCE NO. 11556 APPROVING A CONTRACT
WITH VSM ENGINEERING, LLC. FOR THE MISSISSIPPI AND LIBERTY DR.
SIDEWALKS DESIGN PROJECT

WHEREAS, an agreement for Design Services with VSM Engineering, LLC. was approved by Ordinance 11556 on 2/28/2022 with a not to exceed amount of \$66,510.00; and

WHEREAS, an amendment to Ordinance No. 11556 for additional design services with VSM Engineering, LLC. was approved by Ordinance No. 11723 on 02/27/2023 increasing the not to exceed amount by \$36,960.00 to \$103,470.00; and

BE IT ORDAINED by the City Council of the City of Liberty, Clay County, Missouri, as follows:

SECTION I

The City Council of the City of Liberty, Clay County, Missouri, hereby amends Ordinance No. 11556 approving a contract by and between the City of Liberty and VSM Engineering, LLC for the Mississippi and Liberty Dr Sidewalks Design Project on an amendment to increase the agreement by TWENTY-FIVE THOUSAND SEVEN HUNDRED EIGHTY AND 00/100 DOLLARS (\$25,780.00) from ONE HUNDRED AND THREE THOUSAND FOUR HUNDRED SEVENTY AND 00/100 DOLLARS (\$103,470.00) to a not to exceed amount of ONE HUNDRED TWENTY NINE THOUSAND TWO HUNDRED FIFTY AND 00/100 DOLLARS (\$129,250.00) to provide for the design of watermain along Mississippi Ave. A copy of said amendment being incorporated by reference herein and available for review as required by law.

SECTION II

The City Council hereby authorizes the Mayor to sign the contract as described in Section I of this Ordinance.

SECTION III

This Ordinance shall be in full force and effect from and after its passage by the City Council and approval by the Mayor according to law.

PASSED by the City Council this ____ day of _____, 2023.

MAYOR

ORDINANCE NO. _____(CONT.)

ATTEST:

DEPUTY CITY CLERK

APPROVED by the Mayor this ____ day of _____, 2023.

MAYOR



**CITY COUNCIL
ACTION REPORT**
Meeting Date: May 8, 2023
A/R No.: 2023-526

Department: Public Works

Submitted By: Sherri McIntyre, Director
Public Works

Subject: ORDINANCE APPROVING AN AMENDMENT TO THE CODE OF THE CITY OF LIBERTY, MISSOURI, CHAPTER 25 – STREETS AND SIDEWALKS, ARTICLE IV- SIDEWALKS, SECTION 25-21

Summary:

- Current Code Section 25-21 references that "at least once each calendar year" sidewalks will be inspected.
- We currently do not provide that level of inspection.
- We don't have the staffing level to inspect sidewalks on an annual basis.
- We are removing the annual inspection requirement from the current Code.

Background:

There are issues when the city isn't following the existing code. This can lead to other expectations that can arise based on the sidewalk conditions of the city. We currently don't have the staff available to inspect all of the sidewalks within the city. The expansion of the city and the amount of sidewalk has changed over the years since this section of the Code was implemented in 1931 and even with changes from December 22, 1975. Below is the current section:

Sec. 25-21. Inspections by director of community development; notice to repair

It shall be the duty of the director of community development to cause all sidewalks in the city to be inspected by himself or his deputy or assistant, at least once each calendar year, and to cause any sidewalk to be inspected when requested by the mayor, the city administrator, or a member of the city council. Upon any finding that any such sidewalk is in need of repair (three-fourths-inch or more out of vertical alignment, or in a badly deteriorated condition), the director of community development shall proceed as follows:

(a) To cause a written notice to be served upon or delivered to the owner(s) of all lots or tracts of land fronting or abutting on the part of said lot of said sidewalk found on inspection to be in need of repair, setting forth the following:

(1) A description of the location of such portion needing repair including reference to the abutting lots or tracts of land.

(2) A description of the nature and extent of the repair needed.

(3) A statement that if such owner does not cause said portion of said sidewalk to be repaired at such location and to correct the condition described, within thirty (30) days after service or delivery of said notice, that written report will be made by said director of community development to the city council of said city for further proceedings, including repair thereof to be done by the city or its contractor, and to recover the costs thereof by having a special assessment on the particular lot or tract of land fronting or abutting the part to be repaired.

(b) If, at the expiration of thirty (30) days after service or delivery of said notice, said sidewalk shall not be repaired at the location and to the extent required to repair the same as so described, said director of community development shall make written report to the city council of said city of the continuing state of deficiency with respect to repair for its consideration and such further proceedings as may be authorized pursuant to Chapter 88, Revised Statutes of the State of Missouri.
(R.O. 1931, §§ 455, 456; Ord. No. 3616, § 2, 12-22-75)

Proposed Changes to the first paragraph only:

Sec. 25-21. Inspections by director of community development; notice to repair

It shall be the duty of the director of community development to cause all sidewalks in the city to be inspected by himself or his deputy or assistant and to cause any sidewalk to be inspected when requested by the mayor, the city administrator, or a member of the city council. Upon any finding that any such sidewalk is in need of repair (three-eighths-inch or more out of vertical alignment, or in a badly deteriorated condition), the director of community development shall proceed as follows:

The clean version would be as follows:

Sec. 25-21. Inspections by director of community development; notice to repair

It shall be the duty of the director of community development to cause all sidewalks in the city to be inspected by himself or his deputy or assistant, and to cause any sidewalk to be inspected when requested by the mayor, the city administrator, or a member of the city council. Upon any finding that any such sidewalk is in need of repair (three-eighths-inch or more out of vertical alignment, or in a badly deteriorated condition), the director of community development shall proceed as follows:

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(2) A description of the nature and extent of the repair needed.

(3) A statement that if such owner does not cause said portion of said sidewalk to be repaired at such location and to correct the condition described, within thirty (30) days after service or delivery of said notice, that written report will be made by said director of community development to the city council of said city for further proceedings, including repair thereof to be done by the city or its contractor, and to recover the costs thereof by having a special assessment on the particular lot or tract of land fronting or abutting the part to be repaired.

(b) If, at the expiration of thirty (30) days after service or delivery of said notice, said sidewalk shall not be repaired at the location and to the extent required to repair the same as so described, said director of community development shall make written report to the city council of said city of the continuing state of deficiency with respect to repair for its consideration and such further proceedings as may be authorized pursuant to Chapter 88, Revised Statutes of the State of Missouri.

Previous Action (if applicable):

Original Ordinance 1931, and last changed to Ordinance No. 3616 12-22-75.

Policy/Committee Review:

Citizen Sales Tax Oversight Committee	Completed/Recommended:
Public Safety Sales Tax Oversight Committee	Completed/Recommended:
Budget Committee	Completed/Recommended:
Other:	Completed/Recommended:

Financial Considerations:

Budgeted:	Line Item:	Amount:
	Line Item:	Amount:
	Revenue Line (if applicable):	Amount:
Non-Budgeted	Line Item:	Amount:
	Line Item:	
	Funding Source:	Amount:

Attachments:

1. 2023-526 Amendment to Code for Section 26 Sidewalk

Document No. _____

ORDINANCE NO. _____

AN ORDINANCE APPROVING AN AMENDMENT TO THE CODE OF THE CITY OF
LIBERTY, MISSOURI, CHAPTER 25 – STREETS AND SIDEWALKS, ARTICLE IV-
SIDEWALKS, SECTION 25-21

WHEREAS, Section 25-21 references that sidewalks will be inspected annually, we currently are not able to perform that level of service, and

WHEREAS, Section 25-21 references that sidewalk is out of placement when it has a displacement over Three-Fourths (3/4) of Inch out of Compliance, and current ADA standards address issues when out of compliance at Three-Eighths (3/8) of an inch, and

BE IT ORDAINED by the City Council of the City of Liberty, Clay County, Missouri, as follows:

SECTION I

The City Council of the City of Liberty, Clay County, Missouri, hereby approves an amendment to the Code of the City of Liberty, Missouri, Chapter 25 – Streets and Sidewalks, Article IV – Sidewalks, Section 25-21 to read as following:

It shall be the duty of the director of community development to cause all sidewalks in the city to be inspected by himself or his deputy or assistant, and to cause any sidewalk to be inspected when requested by the mayor, the city administrator, or a member of the city council. Upon any finding that any such sidewalk needs repair (three-eighths-inch or more out of vertical alignment, or in a badly deteriorated condition), the director of community development shall proceed as follows:

(a) To cause a written notice to be served upon or delivered to the owner(s) of all lots or tracts of land fronting or abutting on the part of said lot of said sidewalk found on inspection to need repair setting forth the following:

- (1) A description of the location of such portion needing repair including reference to the abutting lots or tracts of land.
- (2) A description of the nature and extent of the repair needed.
- (3) A statement that if such owner does not cause said portion of said sidewalk to be repaired at such location and to correct the condition described, within thirty (30) days after service or delivery of said notice, that written report will be made by said director of community development to the city council of said city for further proceedings, including repair thereof to be done by the city or its contractor, and to recover the costs thereof by having a special assessment on the particular lot or tract of land fronting or abutting the part to be repaired.

ORDINANCE NO. _____ (CONT.)

(b) If, at the expiration of thirty (30) days after service or delivery of said notice, said sidewalk shall not be repaired at the location and to the extent required to repair the same as so described, said director of community development shall make written report to the city council of said city of the continuing state of deficiency with respect to repair for its consideration and such further proceedings

as may be authorized pursuant to Chapter 88, Revised Statutes of the State of Missouri.

PASSED by the City Council this _____ day of _____, 2023.

MAYOR

ATTEST:

DEPUTY CITY CLERK

APPROVED by the Mayor this _____ day of _____, 2023.

MAYOR



**CITY COUNCIL
ACTION REPORT**
Meeting Date: May 8, 2023
A/R No.: 2023-520

Department: Public Works

Submitted By: Joshua Martinez, Capital Projects Engineer

Subject: MEMORANDUM ON MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) AUDIT AND GENERAL PROGRAM UPDATE

Summary:

- MoDNR conducted a specific audit of the City of Liberty's MS4 program on March 28, 2023. One minimal comment was received and corrected.
- Staff are required to give program updates to the council once annually.

Background:

The City of Liberty operates under State Municipal Separate Storm Sewer System (MS4) permit #MOR04C027. This permit is a compliance requirement of the City of Liberty under the national Clean Water Act - National Pollution Discharge Elimination System (NPDES) program administered by the EPA. Our permit allows discharges into tributaries of Little Shoal Creek, Rush Creek, Town Branch and Fishing River. The permit was issued on November 1, 2021 and expires September 30, 2026. The memo attached serves the purpose of updating the Council and City Administration on the status of our program and results of the recent audit which was conducted by the State.

Previous Action (if applicable):

NA

Policy/Committee Review:

Citizen Sales Tax Oversight Committee	Completed/Recommended:
Public Safety Sales Tax Oversight Committee	Completed/Recommended:
Budget Committee	Completed/Recommended:
Other:	Completed/Recommended:

Financial Considerations:

Budgeted:	Line Item:	Amount:
	Line Item:	Amount:
	Revenue Line (if applicable):	Amount:
Non-Budgeted	Line Item:	Amount:
	Funding Source:	Amount:

Attachments:

1. MEMO - MS4 2023
2. MS4 Audit Report
3. Liberty MS4 Annual Report Final 2-15-23



To: Mayor, City Council, City Administrator
From: Joshua Martinez, I.E., Capital Projects Engineer
Subject: Update on City's Stormwater General Operating Permit
Date: May 08, 2023

The City of Liberty is under State Municipal Separate Storm Sewer System (MS4) permit #MOR04C027. This permit is a compliance requirement of the City of Liberty under the national Clean Water Act - National Pollution Discharge Elimination System (NPDES) program administered by the EPA. Our Permit allows discharges into tributaries of Little Shoal Creek, Rush Creek, Town Branch and Fishing River. The permit was issued on November 1, 2021 and expires September 30, 2026.

As part of our permit requirements staff is required to provide an update to City Council at minimum once annually.

In the last year the City submitted its annual status report to MoDNR on February 28, 2023. The report detailed our compliance with the permits requirements and highlighted our efforts within the 6 MCMS which are:

1. MCM 1 – Public Education and Outreach
2. MCM 2 – Public Participation
3. MCM 3 - IDDE
4. MCM 4 – Construction Site Stormwater Runoff Control
5. MCM 5 – Post Construction Stormwater Management
6. MCM 6 – Pollution Prevention and Housekeeping

Items which the City documented within our report were:

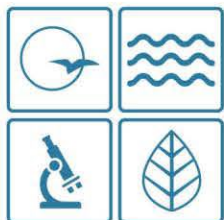
- Maintained stormwater education information on the City web site
- Posted stormwater education information on Facebook five times
- Had developers install 143 new stormwater inlet structures with permanent embossing “No Dumping, Drains to Stream” message;
- Worked with Scouts to mark or verify the markings on 140 existing inlets with the “No Dumping” message;
- Distributed over 300 door hangers with information primarily targeted at reducing illicit discharges;
- Hosted or assisted with 16 cleanup events for a total of 115 bags of trash collected by 86 volunteers;
- Continued our yard waste collection program;

- Continued to encourage citizens to dispose of their household hazardous waste in the metro-wide program resulting in almost 77,000 pounds of waste being collected from Liberty residents;
- Continued the prescription drug takeback program with about 35 pounds of prescription drugs collected for disposal;
- Continued Dog Waste Disposal Program with the Parks Department providing about 60,000 bags to stock 21 pet waste stations throughout the City;
- Updated the Development Review Booklet
- Created an “Escalation and Enforcement” document for land disturbance activities
- Continued to update the GIS map of the stormwater system with 32 new structures and over 2200 feet of pipe added;
- Completed field screening of 54 outfalls;
- Addressed 3 illicit discharge reports;
- Ensured that the City’s sanitary sewers were not contributing any pollutants to the MS4 by inspecting over 142,000 feet of sewers with CCTV;
- Reviewed plans for 38 projects to ensure proper erosion and sediment controls were included on the plans;
- Began formal oversight inspections of construction sights;
- Recorded 7 maintenance covenants;
- 6 existing basins were inspected;
- 1200 miles of street sweeping and spent over 700 hours cleaning catch basins;
- reviewed and updated SWPPPs for the 4 maintenance facilities;

More recently the City underwent an Audit which was conducted by MoDNR. MDNR investigated MCM’s 1, 3 and 6. This audit was a follow up based on a previous audit conducted within 2017 in which the City was found to be deficient within MCM’s 1, 3 and 6. The current audit ended with (1) minor comment for correction, which was corrected the day of the audit.

I would like to note the following. Adherence to the Permit is an unfunded requirement under the Clean Water Act NPDES program. A significant amount of staff time and resources are dedicated toward these compliance efforts. Staff who deserve recognition for the audit results are as follows:

- John Findlay, City Engineer
- Bruce Neidholdt, Assistance Public Works Director
- Nick Vasmmer, Parks and Recs Grounds & Operations Manager
- Devin Skillman, Capitol Federal Sports Compound Manager
- Erika Brant, Community Engagement Manager
- Hailey Kellerstrass, Community Services Manager
- Cynthia Matney, GIS Manager
- Scott Baird and Tim MacNerland, City ROW Inspectors



MISSOURI
DEPARTMENT OF
NATURAL RESOURCES

Michael L. Parson
Governor

Dru Buntin
Director

SENT VIA EMAIL

April 20, 2023

The Honorable Greg Canuteson, Mayor
City of Liberty
101 East Kansas Street
Liberty, MO 64068

FINDING OF COMPLIANCE

Dear Mayor Canuteson:

Staff from the Missouri Department of Natural Resources (Department) conducted an audit on March 28, 2023, of the Liberty Phase II Municipal Separate Storm Sewer System (MS4) located in Clay County. The entity operates under the authority of Missouri State Operating Permit (MSOP) MOR04C027.

Compliance with the Missouri Clean Water Law and MSOP MOR04C027 was evaluated. The entity was found to be **in compliance** based upon the observations made at the time of the evaluation.

The enclosed report describes the findings and may provide important recommendations to ensure continued compliance. Your cooperation in implementing those recommendations will be appreciated.

If you have any questions, or would like to schedule a time to meet with Department staff to discuss compliance requirements, please contact the Kansas City Regional Office, at 816-251-0700, KCRO@dnr.mo.gov, or 200 Unity Circle North, Suite 2A, Lee's Summit, Missouri 64086.

Sincerely,

KANSAS CITY REGIONAL OFFICE

Terrie Williams
Environmental Unit Chief
Permits and Assistance

TW/rrj

c: Joshua Martinez and John Findlay, City of Liberty
MS4 Coordinators Department of Natural Resources

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**Missouri Department of Natural Resources
Kansas City Regional Office
Report of Audit
Liberty Phase II MS4
Liberty
Clay County
MOR04C027
April 20, 2023**

Introduction

On March 28, 2023, I conducted a routine Water Pollution Compliance Audit of the Liberty Phase II Municipal Separate Storm Sewer System (MS4) Program. Participants included:

Missouri Department of Natural Resources:
Rachel Rush, Environmental Specialist
816-251-0752
rachel.rush@dnr.mo.gov

Liberty Phase II MS4:
Joshua Martinez, Capital Projects Engineer
816-439-4502
jmartinez@libertymo.gov
John Findlay, City Engineer
816-439-4507
jfindlay@libertymo.gov

I conducted the audit to determine the facility's compliance with Missouri State Operating Permit (MSOP) MOR04C027, the Missouri Clean Water Commission Regulations, and the Missouri Clean Water Law (MCWL), pursuant to Section 644.026.1, RSMo. This report presents the findings and observations made during the compliance audit.

Facility Description and History

Prior to the audit, I reviewed the files for Liberty Phase II MS4, including previous reports, correspondence, and the permit conditions of MSOP MOR04C027, for familiarization with the requirements specific to this facility. The Department has received the 2017-2018 and 2019-2020 biennial reports and the 2021 and 2022 annual reports.

On August 11, 2017, the Department conducted a full audit of the facility and issued a Letter of Warning on January 26, 2018. Violations included failure to fully implement each Minimum Control Measure (MCM) in accordance with their approved Stormwater Management Plan (SWMP); failure to develop quantifiable measurable goals for all Best Management Practices (BMPs); failure to develop a complete map showing the location of all MS4 outfalls; and failure to develop an adequate employee training program to prevent and reduce stormwater pollution from MS4 activities. The Department received an adequate response and sent a Return to Compliance Letter on July 11, 2018.

Liberty Phase II MS4 MSOP MOR04C027 was issued to the City of Liberty (City) on November 1, 2021, and it expires on September 30, 2026. Prior to November 1, 2021, they operated under MOR040038, however they chose the new comprehensive permit at renewal, and with a 2020 Census population of 30,167 people they qualify under Group B. The City is part of the Kansas City Metropolitan Urbanized Area.

There are four representative outfalls listed in their permit. Stormwater flows into various tributaries of Little Shoal Creek, Rush Creek, Town Branch, and Fishing River, all located in the Lower Missouri-Crooked Watershed. This permit sets forth effluent limitations, monitoring requirements, and permit conditions, both standard and specific, that the permittee is to follow.

Discussion of Audit and Observations

I conducted the audit during normal business hours and provided prior notification of the audit to ensure timely access to the site. Upon arrival at the Liberty City Hall, I met with Joshua Martinez and John Findlay and outlined the purpose and scope of the audit.

This audit reviewed the City's actions to comply with three of the six MCMs contained in MSOP MOR04C027, specifically MCM1, MCM 3, and MCM 6. The review included all available documents concerning the City's MS4 program, including the SWMP and its BMPs, which support the three MCMs under review. After the file review, we conducted field audits of the municipal facilities and an oversite audit of an outfall inspection.

Joshua provided me with the City's new SWMP that they developed to meet the 2021 permit guidelines. I read through the updated SWMP and found it to be satisfactory. I reviewed their annual reports and found the City has been submitting reports on time through the eDMR system.

MCM #1 – Public Education and Outreach Program on Stormwater Impacts

I told Joshua that since the City is in Group B, they are required to have four Outreach and Education BMPs. so I asked about which BMPs the City currently utilizes. According to the updated SWMP, the City utilizes a website with information, helpful links, and announcements for upcoming stormwater events. Joshua said that there are minimum of four social media posts a year related to stormwater, and they keep track of views, likes, and comments for each post. The City also requires all new storm drain inlets installed in the City to have either permanent embossed signage or precast with "No Dumping-Drains to Stream" imprinted in the inlet. Joshua also said that the City is a member of the Mid-America Regional Council (MARC) and utilizes their brochures as well as participating in sponsored events. I then asked about the City's target audiences and target pollutants. Josh said that the City targets residents and developers with the majority of their education BMPs, and their target pollutants are sediment runoff and seasonal residential wastes.

The permit requires at least two Involvement BMPs, so I asked what the City implements. Joshua told us that the City participates in MARC Household Hazardous Waste Collection events. He said that they host the mobile events biannually and then residents are able to attend other collection events throughout the covered area. John said that the city hosts stream, lake, or park cleanup events every year. He said that they advertise the event on social media and their website and then provide supplies to the volunteers. Josh said that the City also provides ongoing yard waste collection to residents through their trash service, and they provide city-wide yard waste dump events twice a year for residents.

MCM #3 – Illicit Discharge Detection and Elimination

I reviewed the City ordinances for Illicit Detection and Elimination. The ordinances are in The Code of the City of Liberty, Missouri, Chapter 31, Sections 31.57-31.59 – Discharge Prohibitions, Suspension of MS4 Access, and Notification of Spills. The ordinances discuss prohibited discharge and connections, the City's ability to suspend access to the MS4 upon discovery of an illicit discharge, and the requirements for notifying of spills.

I asked about the City's outfalls. Joshua said that the City has a GIS map that they regularly update with infrastructure information and it is available to City employees. The map has historical information regarding inspections and investigations of each structure. The map is clearly labeled, all receiving streams within the MS4 area are visible, and all outfalls are easy to locate and include information such as name, dates last verified, and most recent dry weather screening information. He also told me that since the last audit, the City has been actively reviewing their list of outfalls in the MS4. He said that there has been some miscommunication between field staff, because their current number of outfalls exceeds several hundred. However, he told me that their inspectors are inspecting approximately 12% of all known outfalls every year and reevaluating the excessive number of outfalls at the same time. I asked if the City has identified any priority areas for more frequent screenings. John said that they are currently reevaluating priority areas since the City has determined there are several small springs within its boundaries. He said that the inspectors assist in determining which areas they should inspect more often. Joshua said that all inspectors record their dry weather screening inspections digitally in an app on their phone.

I asked about the City's procedure to address illicit discharges that they find during the dry weather screening. Joshua provided me with a copy of their IDDE Response Plan that all staff can access. He said that this plan includes steps on how to report an illicit discharge, who they should contact outside of the City, how to clean up the discharge, any sampling that should be completed, and enforcement actions the City can take regarding the illicit discharge. I noticed that the Illicit Discharge Investigation Form has the Department's Environmental Emergency Response Spill Line contact information but it is not included in the body of the plan. I recommended that they list the Spill Line in the plan as well, in case someone does not have the form in front of them.

Next, I asked how they inform the public of an illicit discharge. Joshua said that the City's Public Relations department posts information on social media, and when staff are in the area of the illicit discharge, they go door-to-door to inform nearby residents of the issue. If further assistance is needed, the fire department and police department will help inform the public as well. He said they immediately address spills that are an imminent threat to human health. They investigate all other illicit discharges within five business days.

MCM #6 – Pollution Prevention/Good Housekeeping for Municipal Operations

I asked about the City's MS4 training program. Joshua told me that all staff associated with MS4 activities partake in annual training. He also provided me with copies of the training records for each Department. He said that training is specific to what applies to their job duties. Joshua explained that each year he and John have a planning training with their outside consultant to discuss BMPs to use for the year as well as fill out their annual report.

I asked what kind of municipal facilities that the City owns and operates. Joshua provided a list, which includes the Public Works Street Maintenance Facility with salt storage, Capitol Federal Sports Complex and maintenance building, parks maintenance facility, the community pool, 13 parks, a dog park, disc golf course, pickleball court, community center, and a community garden. He also provided me with a copy of a SWPPP for each facility. Each SWPPP includes standard operating procedures for all activities that occur at each site, materials list, facility and grounds maps, training logs, and inspection checklists. He said that their stormwater consultant inspects their municipal facilities every year to ensure compliance with their SWPPPs.

According to the SWMP, the City washes vehicle at commercial car wash facility or within one of the wash bays located either at the street maintenance facility or at the wastewater treatment facility, both of which are connected to the sanitary sewer. I noticed SWPPPs mentioned the use of biodegradable soap when not in a wash bay. I asked if that is an actual practice that the City utilizes. Joshua said that to his knowledge City employees only use the wash bays or commercial car washes. I said they must update their SWPPPs to take out the use of biodegradable soap, as it is not an approved stormwater discharge. Immediately following the audit, Joshua emailed me copies of their updated SWPPPs that show using biodegradable soap outside the wash bay is no longer an option.

Field Assessment

After the file review, I traveled with John and Joshua to Ruth Moore Park, which houses the City's splash pad. They showed me where the splash pad discharges to the stormwater collection system. John pointed out the de-chlorination system located between the splash pad and the discharge point to make the water safe to discharge to Waters of the State (Photo 1). The park and splash pad were clean and well maintained. The City had recently installed elevated garden beds for ADA compliance (Photo 2).

Next, we traveled to the new Parks and Recreation Department facility and met with Nick Vassmer, Parks Supervisor. I observed a floor drain in the maintenance area (Photo 3). Nick told me that this building drains directly to the sanitary sewer and has no contact with stormwater. The building was clean and well organized, and there were several secure cabinets and shelves for chemical and flammable storage (Photo 4). Near the entrance to the building, I observed two large barrels that contained used oil. The City stores the barrels closed and on top of spill containment platforms (Photo 5). I saw no signs of spills or any other issues of concern. Outside of the building, I saw two separate tanks that appeared to be used for fueling. Nick told me that they use the smaller tank to fuel small machines such as lawn mowers, while they use the larger tank to fuel larger vehicles. Both tanks are double-walled, with the smaller tank on top of pallets and the larger tank under the cover of an awning (Photo 6).

We then left the park and traveled to the Capitol Federal Sports Complex of Liberty, where we walked through the sports maintenance building. Inside the maintenance shop, I observed shelving storing field paint and mulch. Next to the shelving, I saw several cabinets that contain chemicals and flammable liquids (Photo 7). The building was clean with no signs of spills. Outside of the building, I saw two fueling tanks, one for diesel fuel and the other for gasoline. Both tanks were in secondary containment and I did not see any signs of rust or wear (Photo 8).

After the sports complex, we went to the Liberty Dog Park. There, I observed a well-maintained area with plenty of trashcans for pet waste disposal, signage on several fences asking residents to pick up and dispose of their pet waste, as well as multiple trash bag dispensers filled with pet waste bags (Photo 9).

Our next stop was at the Public Works Street Maintenance Facility. We met with Bruce Neidholdt, Assistant Public Works Director, at the site and he accompanied us during this portion. I observed the floor drains within the maintenance area of the facility (Photo 10). Bruce told me the drains go to an oil water separator that then discharges to the sanitary sewer. Next to the maintenance area, I looked at the two wash bays. Both had rolling doors that came into complete contact with the ground (Photo 11). He told me that these also discharge to the sanitary sewer. Outside of the maintenance shop, we walked the grounds. I observed several large blue double-walled tanks in an open-front building (Photo 12). They said they store brine in these tanks. Next to that building, I observed the salt storage barn. The barn is fully enclosed with a rolling door on the front that remains sealed during nonoperational months (Photo 13). I did not see any salt track out or spillage around the area. A pile of sand is located on the west side of the barn. Bruce told me that the City originally purchased the sand during the winter a few years before when there was a shortage of salt. He said that this was to be an emergency alternative to the lack of salt, but very little was used that year. He said that for now they keep it for flooding emergencies, so there are stormwater BMPs surrounding the stockpile (Photo 14). Southwest of the sand pile, I observed the final discharge point for the stockyard area. The inlet was surrounded by gutter socks on all sides (Photo 15), and inside the drain was a snout that would collect any floatables that made it past the socks. John said that they vacuum out the snout as needed. I did not see any discharges entering the drain, and the snout appeared to be fairly clean.

For the final portion of the field assessment, we met with Scott Baird, ROW Inspector, to conduct the outfall inspection oversite audit. Scott walked me through each part of the inspection checklist. He showed me how he looks at the outfall and what he would document. We observed an unusually large amount of sediment, plant litter, and debris located around the outfall (Photo 16), so he told me that he would document this in his inspection report and then staff would be assigned to clean up the area. He then asked me about cleaning up trash along the stream and how often I would recommend walking the area. I explained when he inspects the outfalls, he should make a note of the trash along the stream, then use his best judgment, and if it appears that it is an unusually large amount of trash then the City would want to clean up the stream. I told him that excessive trash could be addressed either through public education or enforcement.

After we concluded the field portion of the audit, I spoke with Joshua and John to go over my findings. I told them that their program appeared to be operating very well, with minimal issues that they could easily fix. I told them that if they had any questions on any part of their program, please let myself or the state MS4 coordinators know and we would gladly help however we could. I then left the area.

Compliance Determination and Required Actions

The permittee was found to be in compliance with the MCWL, its implementing regulations, and MSOP MOR04C027, based upon observations made during the audit.

Recommendations

1. Ensure all facility SWPPPs are updated to match the actual processes conducted by staff at each location.

Signatures

SUBMITTED BY:



Rachel Rush
Environmental Specialist
Permits and Assistance

REVIEWED BY:



Terrie Williams
Environmental Unit Chief
Permits and Assistance

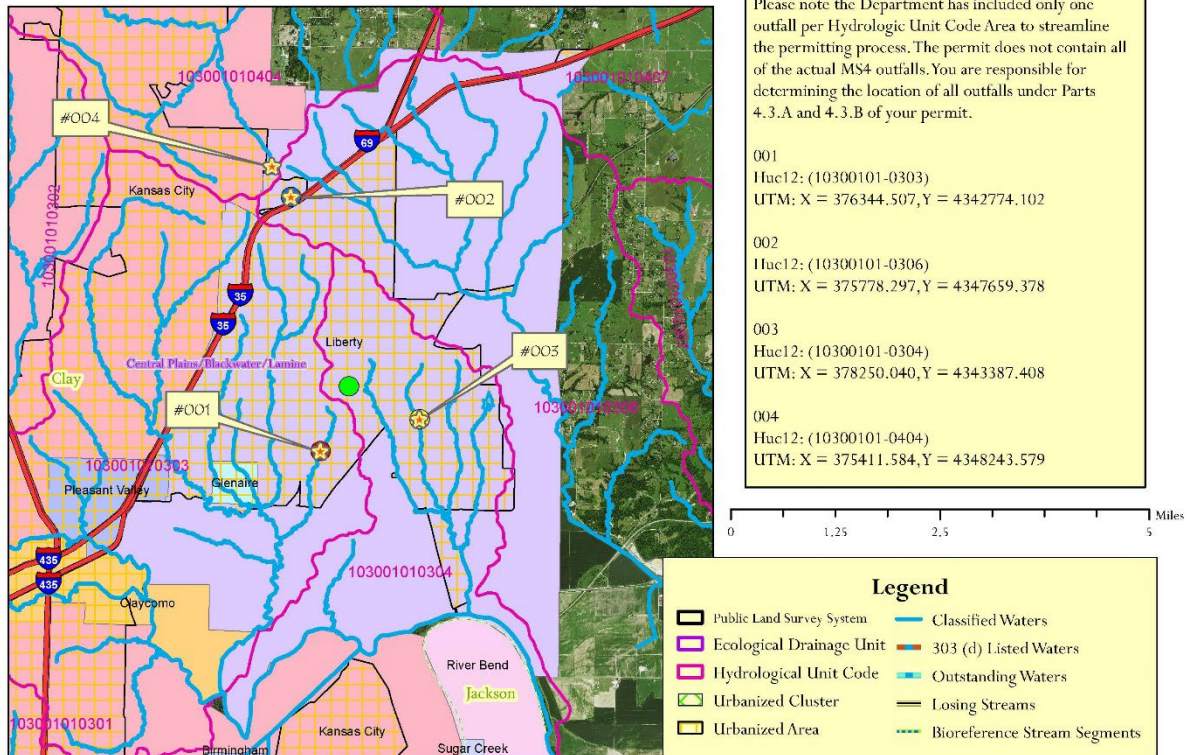
Attachments

- Attachment 1 – Aerial Map
Attachment 2 – Photo Log

Attachment 1 – Aerial Map
Liberty Phase II MS4
 Page 1 of 1



MOR04C027
Liberty Phase II MS4



Attachment 2 - Photo Log
Page 1 of 6



Photo: 1
Taken By: Rachel Rush
Date Taken: March 28, 2023
Program: Water Protection Program
Entity: Liberty Phase II MS4
Facility ID: MOR04C027
Location: 401 Grover St, Liberty, MO 64068
Description: Blue riser pipe indicates de-chlorination point for the splash pad.



Photo: 2
Taken By: Rachel Rush
Date Taken: March 28, 2023
Program: Water Protection Program
Entity: Liberty Phase II MS4
Facility ID: MOR04C027
Location: 401 Grover St, Liberty, MO 64068
Description: Ruth Moore Park – elevated garden beds for ADA compliance.



Photo: 3
Taken By: Rachel Rush
Date Taken: March 28, 2023
Program: Water Protection Program
Entity: Liberty Phase II MS4
Facility ID: MOR04C027
Location: 359 S Terrace Ave, Liberty, MO 64068
Description: Floor drain in maintenance area of parks department building.

Attachment 2 - Photo Log
Page 2 of 6



Photo: 4
Taken By: Rachel Rush
Date Taken: March 28, 2023
Program: Water Protection Program
Entity: Liberty Phase II MS4
Facility ID: MOR04C027
Location: 359 S Terrace Ave, Liberty, MO 64068
Description: Storage of flammable products in appropriate cabinets.



Photo: 5
Taken By: Rachel Rush
Date Taken: March 28, 2023
Program: Water Protection Program
Entity: Liberty Phase II MS4
Facility ID: MOR04C027
Location: 359 S Terrace Ave, Liberty, MO 64068
Description: Used oil storage, sealed and on secondary containment.



Photo: 6
Taken By: Rachel Rush
Date Taken: March 28, 2023
Program: Water Protection Program
Entity: Liberty Phase II MS4
Facility ID: MOR04C027
Location: 359 S Terrace Ave, Liberty, MO 64068
Description: Fueling area, covered and in a double-walled tank. Water spots below the tank from previous rain event.

Attachment 2 - Photo Log
Page 3 of 6

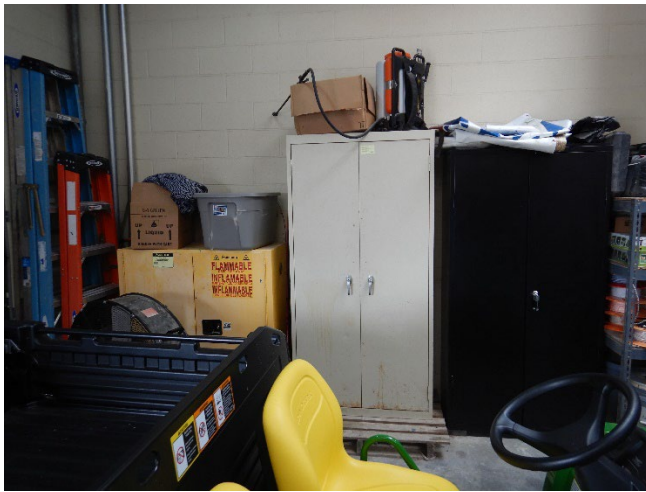


Photo: 7
Taken By: Rachel Rush
Date Taken: March 28, 2023
Program: Water Protection Program
Entity: Liberty Phase II MS4
Facility ID: MOR04C027
Location: 2200 Old State Hwy 210,
Liberty, MO 64068
Description: Chemical storage at sports
maintenance facility building.



Photo: 8
Taken By: Rachel Rush
Date Taken: March 28, 2023
Program: Water Protection Program
Entity: Liberty Phase II MS4
Facility ID: MOR04C027
Location: 2200 Old State Hwy 210,
Liberty, MO 64068
Description: Fueling area with secondary
containment at sports maintenance
facility.



Photo: 9
Taken By: Rachel Rush
Date Taken: March 28, 2023
Program: Water Protection Program
Entity: Liberty Phase II MS4
Facility ID: MOR04C027
Location: Stocksdale Park Drive,
Liberty, MO 64068
Description: Liberty Dog Park, with clear
signage and ample pet waste bags and
trashcans.

Attachment 2 - Photo Log
Page 4 of 6

	Photo: 10 Taken By: Rachel Rush Date Taken: March 28, 2023 Program: Water Protection Program Entity: Liberty Phase II MS4 Facility ID: MOR04C027 Location: 400 Suddarth St, Liberty, MO 64068 Description: Floor drain in the street maintenance facility building.
	Photo: 11 Taken By: Rachel Rush Date Taken: March 28, 2023 Program: Water Protection Program Entity: Liberty Phase II MS4 Facility ID: MOR04C027 Location: 400 Suddarth St, Liberty, MO 64068 Description: Indoor wash bay located at street maintenance facility.
	Photo: 12 Taken By: Rachel Rush Date Taken: March 28, 2023 Program: Water Protection Program Entity: Liberty Phase II MS4 Facility ID: MOR04C027 Location: 400 Suddarth St, Liberty, MO 64068 Description: Double-walled tanks for brine storage.

Attachment 2 - Photo Log
Page 5 of 6

	Photo: 13 Taken By: Rachel Rush Date Taken: March 28, 2023 Program: Water Protection Program Entity: Liberty Phase II MS4 Facility ID: MOR04C027 Location: 400 Suddarth St, Liberty, MO 64068 Description: salt barn, completely covered with a rolling door to eliminate stormwater contact.
	Photo: 14 Taken By: Rachel Rush Date Taken: March 28, 2023 Program: Water Protection Program Entity: Liberty Phase II MS4 Facility ID: MOR04C027 Location: 400 Suddarth St, Liberty, MO 64068 Description: Sand pile for supplemental use with salt during winter months, BMPs in place to keep it on site.
	Photo: 15 Taken By: Rachel Rush Date Taken: March 28, 2023 Program: Water Protection Program Entity: Liberty Phase II MS4 Facility ID: MOR04C027 Location: 400 Suddarth St, Liberty, MO 64068 Description: Drain at the street maintenance facility, with gutter socks surrounding it and a snout installed below the surface to catch floatables.

Attachment 2 - Photo Log
Page 6 of 6



Photo: 16
Taken By: Rachel Rush
Date Taken: March 28, 2023
Program: Water Protection Program
Entity: Liberty Phase II MS4
Facility ID: MOR04C027
Location: Directly east of 237 W Mill St,
Liberty, MO 64068
Description: Outfall with sediment, plant
litter, and debris.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
WATER PROTECTION PROGRAM

**MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) ANNUAL
STORMWATER MANAGEMENT PROGRAM REPORT FOR
COMPREHENSIVE PERMIT (MOR04C)**

FOR OFFICE USE ONLY

PROJECT ID NUMBER

DATE RECEIVED

Part A – MS4 PERMIT HOLDER INFORMATION

1. MS4 NAME City of Liberty	2. NPDES PERMIT NUMBER MOR04C027	3. MS4 UNIQUE ID NO. (If applicable – co-permittees only) N/A	
4. ADDRESS 101 E. Kansas	5. CITY Liberty	6. STATE MO	7. ZIP CODE 64068
8. TELEPHONE NUMBER WITH AREA CODE 816-439-4500	9. NAME OF MS4 CONTACT PERSON Joshua Martinez, I.E.		
10. EMAIL OF MS4 CONTACT PERSON jmartinez@libertymo.gov			
11. Is the MS4 contact person listed above different from the most recent MS4 stormwater management program annual report? ☒ Yes ☐ No			
12. Have any areas of the MS4 been added or removed from the MS4 jurisdiction due to annexation or other legal means since the most recent permit application (renewal, new, modification), or most recent MS4 stormwater management program annual report? ☒ Yes ☐ No If Yes , please provide a map along with a brief description as an attachment.			

Part B – REPORTING REQUIREMENTS

1. Is your MS4 subject to a TMDL? ☐ Yes ☒ No If Yes , you are required to submit the MS4 ARAP report annually. Reports are due Feb. 28 each year. See Part F of this form.
2. Is your MS4 newly permitted (i.e., is this your first MS4 permit)? ☐ Yes ☒ No
3. If you are part of a co-permitted MS4 permit, will each co-permitted MS4 submit an individual stormwater management program report, or a combined MS4 stormwater management program report? ☐ Individual ☐ Combined
4. Reporting period year (i.e., the previous year from January 1 st to December 31 st) BEGINNING: January 1, 2022 ENDING: December 31, 2022

Part C – STORMWATER MANAGEMENT PROGRAM PARTNERS

1. If another governmental entity implements any BMPs or MCMs for your stormwater program, please provide the following: a. Name of the government entity; b. Name of the primary contact for the government entity; c. Contact information (i.e., address, city, ZIP code, state, and phone number); and d. Specific best management practices or minimum control measures being implemented by the government entity. It is the responsibility of the permittee to provide all information under this report regardless if programmatic BMPs or MCMs are being implemented by another governmental entity. If an entire MCM is being implemented by an alternative governmental entity, please indicated that under the appropriate MCM below.
2. Does the permittee currently utilize, or is working towards develop of an Integrated Plan? ☐ Yes ☒ No If Yes , please provide a summary of the status of the Integrated Plan. N/A

PART D – MINIMUM CONTROL MEASURES, BEST MANAGEMENT PRACTICES, AND MEASURABLE GOALS EVALUATION

An attachment is necessary for many items under the MCMs below to provide information regarding the progress toward achieving the statutory goal of reducing the discharge of pollutants to the MS4 to the maximum extent practicable to the MS4. Provide additional informative data, success stories, and experiences that support the successful implementation of your stormwater management plan (SWMP).

MCM 1. Public Education and Outreach

1. (4.1.A) Who are the target audiences? Residents & Business Community (Specifically Contractors/Developers)
Were any changes made to target audiences during reporting period? ☐ Yes ☒ No

2. (4.1.B) What are the target pollutants? Common urban stormwater pollutants and pollutants associated w/ development Were any changes made to target pollutants during reporting period? ☐ Yes ☒ No
3. (4.1.C) Were any changes made to educational resources to be used as BMPs (materials, postings, etc.) in conjunction with the selected pollutants for the selected target audiences during reporting period? ☐ Yes ☒ No If Yes, please include an attachment describing changes.
4. (4.1.D, 4.1.E) Were any changes made to involvement activities, or support to be used as BMPs (events, activities, etc.) in conjunction with the selected pollutants for the selected target audiences during reporting period? ☐ Yes ☒ No If Yes, please include an attachment describing changes
5. (4.1.F) Were all BMPs for MCM 1 evaluated during reporting period? ☒ Yes ☐ No If No, please include an attachment describing what BMPs were not evaluated and why.
6. Were the measurable goals for all BMPs for MCM 1 successfully reached? ☒ Yes ☐ No If No, were the measurable goals or BMPs evaluated/modified in an effort for success in the next reporting period? ☐ Yes ☐ No For each of the BMPs under this MCM, please provide a brief summary of how the measurable goals were achieved and documented. For any BMPs where the measurable goals were not achieved, provide a brief summary of how the BMP evaluated/modified in an effort for success in the coming reporting year.
7. Were the BMPs for MCM 1 determined effective/successful for this reporting period? ☒ Yes ☐ No If No, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? ☐ Yes ☐ No
8. Were any changes made to MCM 1 during the reporting period that were not covered above, including the addition of programmatic BMPs? ☐ Yes ☒ No If Yes, please include an attachment describing changes.
MCM 2. Public Involvement and Participation
1. (4.2.A, 4.2.B, 4.2.C) Completing 4.2.A-4.2.C in this form is only applicable during permit renewal OR as a result of major modification to the SWMP. If neither of these apply during this reporting period, please check N/A here and skip to 3 below. ☒ N/A
2. Was a public notice period held during reporting period? ☐ Yes ☐ No Was the public notice posted on the MS4 website? ☐ Yes ☐ No Was a public information meeting held for the public notice during this reporting period? ☐ Yes ☐ No If Yes, what was the attendance for the meeting? _____ Were any comments received? ☐ Yes ☐ No If Yes, how many? _____
3. (4.2.D) Were any changes to publicly available method to accept public inquiries, or concerns, and to take information provided by the public about stormwater and stormwater related topics made during reporting period? ☒ Yes ☐ No If Yes, please include an attachment describing changes.
4. Were all BMPs and tracking methods for 4.2.D evaluated during reporting period? ☒ Yes ☐ No If No, please include an attachment describing what BMPs were not evaluated and why.
5. (4.2.E) Does the permittee utilize a stormwater management panel or committee during the reporting period? ☐ Yes ☒ No If Yes, was the panel or committee determined to be effective/successful for this reporting period? ☐ Yes ☐ No If the permittee does not currently utilize a stormwater management panel or committee, did the permittee evaluate the potential benefits of utilizing a stormwater management panel or committee? ☒ Yes ☐ No
6. Were any changes to 4.2.E made during reporting period? ☐ Yes ☒ No If Yes, please include an attachment describing changes.
7. (4.2.F) On what date did the permittee provide an update to the governing board on the status of, or updates on, the Stormwater Management Program, including compliance with the program for this reporting period? 9/30/22
8. (4.2.I) Were all tracking mechanisms and databases for MCM 2 evaluated during this reporting period? ☒ Yes ☐ No If No, please include an attachment describing why the mechanisms were not evaluated.
9. Were the measurable goals for all BMPs for MCM 2 successfully reached? ☒ Yes ☐ No If No, were the measurable goals or BMPs evaluated/modified in an effort for success in the next reporting period? ☐ Yes ☐ No For each of the BMPs under this MCM, please provide a brief summary of how the measurable goals were achieved and documented. For any BMPs where the measurable goals were not achieved, provide a brief summary of how the BMP evaluated/modified in an effort for success in the coming reporting year.
10. Were the programmatic BMPs for MCM 2 determined effective/successful for this reporting period? ☒ Yes ☐ No If No, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? ☐ Yes ☐ No
11. Were any changes made to MCM 2 during the reporting period that were not covered above, including the addition of programmatic BMPs? ☒ Yes ☐ No If Yes, please include an attachment describing changes.
12. (4.3.A) Were any changes to the storm sewer system map made during reporting period? ☒ Yes ☐ No
13. (4.3.C) Were any changes made to the ordinance for prohibition of non-stormwater into the storm sewer system during this reporting period? ☐ Yes ☒ No
14. (4.3.D) Was the measurable goal for dry weather field screening met? ☒ Yes ☐ No If No, were the measurable goals evaluated/modified in an effort for success in the next reporting period? ☐ Yes ☐ No

15. (4.3.H) Were the priority areas evaluated for this reporting period? ☒ Yes ☐ No If Yes, were the priority areas determined to be appropriate for the next reporting period? ☒ Yes ☐ No Will additional or new priority areas be identified for the next reporting period? ☐ Yes ☒ No
16. (4.3.J) Were any illicit discharge investigations conducted during this reporting period? ☒ Yes ☐ No If Yes, were the investigation procedures, response times, and tracking mechanisms determined to be appropriate for the next reporting? ☒ Yes ☐ No If No, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? ☐ Yes ☐ No
17. (4.3.K) Were MCM 3 enforcement procedures evaluated during this reporting period? ☒ Yes ☐ No If No, please include an attachment describing why the procedures were not evaluated.
18. (4.3.L) Were all tracking mechanisms and databases for MCM 3 evaluated during this reporting period? ☒ Yes ☐ No If No, please include an attachment describing why the mechanisms were not evaluated.
19. (4.3.M, 4.3.Q) Were all outreach and internal training procedures for MCM 3 evaluated during this reporting period? ☒ Yes ☐ No If No, please include an attachment describing why the procedures were not evaluated.
20. Were the measurable goals for all BMPs for MCM 3 successfully reached? ☒ Yes ☐ No If No, were the measurable goals or BMPs evaluated/modified in an effort for success in the next reporting period? ☐ Yes ☐ No For each of the BMPs under this MCM, please provide a brief summary of how the measurable goals were achieved and documented. For any BMPs where the measurable goals were not achieved, provide a brief summary of how the BMP evaluated/modified in an effort for success in the coming reporting year.
21. (4.3.N - 4.3.R) Were the programmatic BMPs for MCM 3 determined effective/successful for this reporting period? ☒ Yes ☐ No If No, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? ☐ Yes ☐ No
22. Were any changes made to MCM 3 during this reporting period that were not covered above, including the addition of programmatic BMPs? ☐ Yes ☒ No If Yes, please include an attachment describing changes.
MCM 4. Construction Site Stormwater Runoff Control
1. (4.4.A) Were any changes to the ordinance for construction site stormwater made during this reporting period? ☐ Yes ☒ No If Yes, please include an attachment describing changes.
2. (4.4.B) Were the pre-construction plan review procedures evaluated during this reporting period? ☒ Yes ☐ No If No, please include an attachment describing why the review procedures were not evaluated.
3. (4.4.C) Were the procedures for construction site inspections, evaluated during this reporting period? ☒ Yes ☐ No If No, please include an attachment describing why the procedures were not evaluated.
4. (4.4.D) Were construction site enforcement procedures evaluated during this reporting period? ☒ Yes ☐ No If No, please include an attachment describing why the procedures were not evaluated.
5. (4.4.E) Were the procedures for requiring construction site operators to conduct site inspections evaluated during this reporting period? ☒ Yes ☐ No If No, please include an attachment describing why the procedures were not evaluated.
6. (4.4.F, 4.4.G) Were all tracking mechanisms and databases for MCM 4 evaluated during this reporting period? ☒ Yes ☐ No If No, please include an attachment describing why the mechanisms and/or databases were not evaluated.
7. (4.4.J) Were all procedures for public submittal of concerns or information related to construction sites evaluated during this reporting period? ☒ Yes ☐ No If No, please include an attachment describing why the procedures were not evaluated.
8. (4.4.K) Were all internal training procedures for MCM 4 evaluated for effectiveness during this reporting period? ☒ Yes ☐ No If No, please include an attachment describing why the procedures were not evaluated.
9. (4.4.L) Were all procedures outlining the local inspection and enforcement for MCM 4 evaluated during this reporting period? ☒ Yes ☐ No If No, please include an attachment describing why the document(s) were not evaluated.
10. Were the measurable goals for all programmatic BMPs for MCM 4 successfully reached? ☒ Yes ☐ No If No, were the measurable goals or programmatic BMPs evaluated/modified in an effort for success in the next reporting period? ☐ Yes ☐ No For each of the programmatic BMPs under this MCM, please provide a brief summary of how the measurable goals were achieved and documented. For any BMPs where the measurable goals were not achieved, provide a brief summary of how the BMP evaluated/modified in an effort for success in the coming reporting year.
11. (4.4.H, 4.4.I, 4.4.M) Were the programmatic BMPs and procedures for MCM 4 determined effective/successful for this reporting period? ☒ Yes ☐ No
12. Were any changes made to MCM 4 during the reporting period that were not covered above, including the addition of programmatic BMPs? ☐ Yes ☒ No If Yes, please include an attachment describing changes.
MCM 5. Post-Construction Stormwater Management in New Development and Redevelopment

1. (4.5.A) Were any changes to the ordinance for post-construction runoff site stormwater made during this reporting period? ☐ Yes ☒ No If Yes, please include an attachment describing changes.
2. (4.5.B) Were any changes to the permittee's strategy to minimize water quality impact made during this reporting period? This includes any policy or ordinance changes to either structural or non-structural controls. ☐ Yes ☒ No If Yes, please include an attachment describing changes.
3. Were all strategies (programmatic BMPs) for 4.5.B evaluated during this reporting period? ☒ Yes ☐ No If No, please include an attachment describing what BMPs were not evaluated and why.
4. (4.5.C) Were the pre-construction plan review procedures evaluated during this reporting period? ☒ Yes ☐ No If No, please include an attachment describing why these procedures were not evaluated.
5. (4.5.D) Were procedures for long-term operation and maintenance of the post-development BMPs evaluated during this reporting period? ☒ Yes ☐ No If No, please include an attachment describing why these procedures were not evaluated.
6. (4.5.E) Were the procedures for inspections or requiring inspections, evaluated during this reporting period? ☒ Yes ☐ No If No, please include an attachment describing why these procedures were not evaluated.
7. Were the measurable goals for all BMPs for 4.5.E successfully reached? ☒ Yes ☐ No If No, were the measurable goals evaluated/modified in an effort for success in the next reporting period? ☐ Yes ☐ No
8. (4.5.F, 4.5.G) Were compliance and enforcement procedures evaluated during this reporting period? ☒ Yes ☐ No If No, please include an attachment describing what BMPs were not evaluated and why.
9. (4.5.H) Was the inventory of all post-construction BMPs, including the tracking mechanism, evaluated during this reporting period? ☒ Yes ☐ No If No, please include an attachment describing why these procedures were not evaluated.
10. (4.5.I) Were all tracking mechanisms for post-construction BMP inspections, including the tracking mechanism, evaluated during this reporting period? ☒ Yes ☐ No If No, please include an attachment describing why these procedures were not evaluated.
11. (4.5.L) Were all training procedures for inspections evaluated for effectiveness during this reporting period? ☒ Yes ☐ No No, please include an attachment describing why these procedures were not evaluated
12. Were the measurable goals for all programmatic BMPs for MCM 5 successfully reached? ☒ Yes ☐ No If No, were the measurable goals or programmatic BMPs evaluated/modified in an effort for success in the next reporting period? ☐ Yes ☐ No
For each of the BMPs under this MCM, please provide a brief summary of how the measurable goals were achieved and documented. For any BMPs where the measurable goals were not achieved, provide a brief summary of how the BMP evaluated/modified in an effort for success in the coming reporting year.
13. (4.5.J, 4.5.K, 4.5.M) Were programmatic BMPs and procedures for MCM 5 determined effective/successful for this reporting period? ☒ Yes ☐ No If No, were the programmatic BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? ☐ Yes ☐ No
14. Were any changes made to MCM 5 during the reporting period that were not covered above, including the addition of programmatic BMPs? ☐ Yes ☒ No If Yes, please include an attachment describing changes.
MCM 6. Pollution Prevention/Good Housekeeping for Municipal Operations
1. (4.6.A) Did the permittee maintain and utilize an employee training program for MS4 municipal operations staff? ☒ Yes ☐ No What date or dates was the training held during this reporting period? <u>See attachment</u>
2. Were any changes to the training program made during reporting this period? ☐ Yes ☒ No If Yes, please include an attachment describing changes.
3. (4.6.B) Were the following topics covered during training for this reporting period? • Vehicle and equipment washing; ☒ Yes ☐ No ☐ Not applicable • Fluid disposal and spills; ☒ Yes ☐ No ☐ Not applicable • Fleet, equipment, and building maintenance; ☒ Yes ☐ No ☐ Not applicable • Park, open space maintenance procedures (including fertilizer, herbicide, pesticide application); ☒ Yes ☐ No ☐ Not applicable • New construction, road maintenance, and land disturbances; ☒ Yes ☐ No ☐ Not applicable • Stormwater system maintenance; ☒ Yes ☐ No ☐ Not applicable • MS4 operated salt and de-icing operations; ☒ Yes ☐ No ☐ Not applicable • Fueling; ☒ Yes ☐ No ☐ Not applicable • Solid waste disposal; ☒ Yes ☐ No ☐ Not applicable • Street sweeper operations; ☐ Yes ☐ No ☐ Not applicable • Illicit Discharges; ☒ Yes ☐ No ☐ Not applicable
4. (4.6.C) Were training materials, written procedures for the training program, and a schedule for topics evaluated during this reporting period? ☒ Yes ☐ No If No, please include an attachment describing what BMPs were not evaluated and why.

5. **(4.6.D)** Was a list of municipal operations/facilities impacted by the MS4 permit maintained and evaluated during this reporting period?
☒ Yes ☐ No

6. **(4.6.E)** Was a list of all industrial facilities owned or operated by the permittee which are subject to NPDES permits for discharges of stormwater associated with industrial activity, maintained and evaluated during this reporting period? ☒ Yes ☐ No

7. **(4.6.F)** Were controls and procedures for reducing or eliminating the discharge of floatables and pollutants from municipal facilities evaluated during this reporting period? ☒ Yes ☐ No
 If **No**, please include an attachment describing what elements and procedures were not evaluated and why.

8. Were inspections conducted on these facilities at minimum annually? ☒ Yes ☐ No

9. Were the stormwater control measures and other programmatic BMPs for **4.6.E** determined effective/successful for this reporting period?
☒ Yes ☐ No
 If **No**, were the BMPs, and procedures determined to be ineffective/unsuccessful evaluated for modification or replacement?
☐ Yes ☐ No

10. **(4.6.G)** Were procedures for proper disposal of waste removed from the MS4 structures and areas of jurisdiction evaluated during this reporting period? ☒ Yes ☐ No
 If **No**, please include an attachment describing why the procedures were not evaluated.

11. **(4.6.H)** Was washing of municipal vehicles and/or equipment taking place on a facility owned and/or operated by the permittee during this reporting period? ☒ Yes ☐ No
 If **Yes**, were procedures for proper disposal of wash water evaluated during this reporting period? ☒ Yes ☐ No
 If **No**, please include an attachment describing what procedures were not evaluated and why.

12. **(4.6.I)** Did the permittee maintain written Stormwater Pollution Prevention Plans or an Operations and Maintenance Manual for all applicable MS4 facilities during this reporting period? ☒ Yes ☐ No
 If **No**, please include an attachment describing why the document(s) were not created and/maintained.

13. Did the permittee evaluate the results, controls, and inspection procedures to ensure compliance with the permit and determine if changes are needed? This evaluation may also aid in finding priority areas or pollutants in relation to MCM 3, or adding more education in relation to MCM 1. ☒ Yes ☐ No
 If **No**, please include an attachment describing what BMPs were not evaluated and why.

14. **(4.6.J)** Were any new flood management projects reviewed or begun during this reporting period? ☐ Yes ☒ No
 If **Yes**, were procedures used to determine if there are impacts to water quality for the new project? ☐ Yes ☐ No

15. Were the measurable goals for all BMPs for MCM 6 successfully reached? ☒ Yes ☐ No
 If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? ☐ Yes ☐ No

For each of the BMPs under this MCM, please provide a brief summary of how the measurable goals were achieved and documented. For any BMPs where the measurable goals were not achieved, provide a brief summary of how the BMP evaluated/modified in an effort for success in the coming reporting year.

16. **(4.6.K, 4.6.L, 4.6.M)** Were BMPs for MCM 6 determined effective/successful for this reporting period? ☒ Yes ☐ No
 If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? ☐ Yes ☐ No

17. Were any changes made to MCM 6 during the reporting period that were not covered above? ☐ Yes ☒ No
 If **Yes**, please include an attachment describing changes.

Part E – MONITORING DATA WATER SAMPLE(S) ANALYSIS

Please include monitoring data collected during the reporting period.

PARAMETER OR INDICATOR	FREQUENCY (Ongoing monitoring or single diagnostic event or date)	RESULT	DRY WEATHER SAMPLE?	WET WEATHER SAMPLE?
N/A			☐ Yes ☐ No	☐ Yes ☐ No
			☐ Yes ☐ No	☐ Yes ☐ No
			☐ Yes ☐ No	☐ Yes ☐ No
			☐ Yes ☐ No	☐ Yes ☐ No

1. Are any of the parameters being sampled due to the MS4 being subject to an established or approved Total Maximum Daily Load?

☐ Yes ☒ No

If **Yes**, please indicate the parameter/pollutant.

N/A

2. Does the data support water quality attainment or support trend data toward water quality attainment?

☐ Yes ☐ No

If **Yes**, please describe.

Part F – TOTAL MAXIMUM DAILY LOAD (TMDL) ASSUMPTIONS AND REQUIREMENTS ATTAINMENT (ARAP) PLAN

1. Is your MS4 subject to an established or approved TMDL? ☐ Yes ☐ No

If **No**, please continue to Part G of this report.

2. Has the permittee submitted the TMDL ARAP to the Department for review and approval? ☐ Yes ☐ No

If **No**, please submit the annual status report providing a brief update on the status of completion of the TMDL ARAP per 6.1.H of the permit.

PART G – SUBMIT REPORT TO:

The facility must register in the Department's eDMR system through the Missouri Gateway for Environmental Management (MoGEM) before the first report is due. Registration and other information regarding MoGEM can be found at; [MoGEM Splash Page](#). Information about the eDMR system can be found at [eDMR Splash Page](#). To access the eDMR system, use: [MoGEM Login](#).

For assistance using the eDMR system, contact edmr@dnr.mo.gov or call 855-789-3889 or 573-526-2082.

OPTIONAL QUESTIONS REGARDING MILITARY SERVICE

Have you or an immediate family member ever served in the U.S. Armed Forces?

☐ Yes

☐ No

If yes, would you like information about military-related services in Missouri?

☐ Yes

☐ No

PART H - CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

SIGNATURE OR PERMITTEE (LEGALLY RESPONSIBLE PERSON)



John Findlay, P.E.
2023.02.15 09:23:02-06'00'

DATE SIGNED

2/15/23

NAME (PRINTED OR TYPED)

John Findlay, P.E.

TITLE

City Engineer

MO 780-3009 (12-22)

PART C – STORM WATER MANAGEMENT PROGRAM PARTNERS

The City of Liberty is a member of the Mid America Regional Council (MARC) Water Quality Education Committee (WQEC) and utilizes MARC's services to augment their local public outreach and education programs. While MARC augments Liberty's programs, it neither solely operates nor implements any BMP for Liberty. The City is not working towards the development of an integrated plan. The primary point of contact for MARC is Tom Jacobs (Environmental Programs Director). His contact information:

Email: tjacobs@marc.org

Phone #: 816-474-4240

Address: 600 Broadway, Suite 200, Kansas City, MO 64105

PART D–MINIMUM CONTROL MEASURES, BEST MANAGEMENT PRACTICES, AND MEASURABLE GOALS EVALUATION

MCM 1. Public Education and Outreach

1. (4.1.A) Who are the target audiences? **Residents, Business Community (Specifically Contractors/Developers)**

Were any changes made to target audiences during reporting period? **No**

2. (4.1.B) What are the target pollutants? **Common urban stormwater pollutants (HHW, IDDE, Car Washing and Yard Waste) and pollutants associated with development**

Were any changes made to target pollutants during reporting period? **No**

3. (4.1.C) Were any changes made to educational resources to be used as BMPs (materials, postings, etc.) in conjunction with the selected pollutants for the selected target audiences during reporting period? If Yes, please include an attachment describing changes. **No**

4. (4.1.D, 4.1.E) Were any changes made to involvement activities, or support to be used as BMPs (events, activities, etc.) in conjunction with the selected pollutants for the selected target audiences during reporting period? If Yes, please include an attachment describing changes. **No**

5. (4.1.F) Were all BMPs for MCM 1 evaluated during reporting period? If No, please include an attachment describing what BMPs were not evaluated and why. **Yes**

6. Were the measurable goals for all BMPs for MCM 1 successfully reached? If No, were the measurable goals or BMPs evaluated/modified in an effort for success in the next reporting period? **Yes**

For each of the BMPs under this MCM, please provide a brief summary of how the measurable goals were achieved and documented. For any BMPs where the measurable goals were not achieved, provide a brief summary of how the BMP evaluated/modified in an effort for success in the coming reporting year.

- **440 page views on the City stormwater web pages**
- **Posted quarterly information on Facebook:**
 - **03-27-22 – Post about creek clean up. 49 likes, 1 comment, 2 shares**
 - **06-13-22 – Car Washing – 18 likes, 3 shares**
 - **07-05-22 – “If it’s on the Ground, it’s in the Water”. 52 likes, 1 comment, 13 shares**
 - **08-24-22 – National Water Quality Month post**
 - **11-03-22 – Yard Waste. 8 likes, 1 comment**
- **143 new stormwater inlet structures installed with permanent embossing “No Dumping, Drains to Stream” message**
- **140 existing inlets marked by Scouts. The exact number of storm drains marked versus verified as already marked was not reported by the volunteer. However, those in need of remarking were remarked.**
- **300+ door hangers distributed through one Scout project. Door hangers had information primarily targeted at reducing illicit discharges.**
- **Paid membership fees (\$4500) for MARC Water Quality Committee (3/24/2022). Included MARC information in multiple areas of the City public education program.**
- **1 street cleanup event, 4 volunteers, 5 bags of trash**
- **8 park cleanup events, 48 volunteers, 36 bags of trash**
- **2 Creek Clean Ups events, 6 volunteers, 6 bags**
- **4 yard clean up events, 8 volunteers, 29 bags of trash**
- **Collected yard waste at the Tree Limb Disposal Yard for most of the last week of April and the last week of June as well as periodically as needed after storm events where downed limbs are an issue. Residents are also provided weekly pickup of yard waste containers through the solid waste contract. This is primarily for smaller yard waste such as leaves and grass clippings. The City also promotes regional yard waste collection sites on its web site.**
- **Encouraged citizens to utilize the various permanent and mobile locations for household hazardous waste drop-off around the Kansas City metro area. The City web site has a link to the RecycleSpot.org web site where information about HHW can be taken. In 2022, 76,870 pounds of HHW waste was collected from Liberty citizens.**
- **A total of 1,577,769 pounds was collected during 2022 from all participating localities.**

- In addition to the ongoing HHW drop-off throughout the metro, the City hosted a HHW pickup event in September 2022 where 30,821 pounds of HHW was collected (this amount is included in the total).
- The City of Liberty includes in their solid waste contract the allowance for residents to have bulky items collected up to twice per year by calling in a request. This reduces the number of items dumped illegally. Republic stated that approximately 1,536 bulky item pickups during 2022.
- The City of Liberty has information on its web site regarding the ongoing prescription drug takeback program through the Police Community Outreach page. Approximately 35 pounds of prescription drugs were collected over the reporting period.
- Continued Dog Waste Disposal Program with the Parks Department. During the reporting period, approximately 60,000 bags were purchased to keep 21 pet waste stations stocked throughout the City.
- City cable access channel was not used in 2022 due to technical issues with the system. Is not planned to be used moving forward.
- Development Review Booklet was updated
- Created a “Escalation and Enforcement” document that each permittee signs acknowledging the City’s Escalation and Enforcement process for land disturbance activities.
- Creek Cleanup event organized by a Scout. The events took place on March 13th and 20th. 20 volunteers, 4.55 acres cleaned, 39 bags of trash, 3 tires, 2 bikes, 1 tv, motor oil, gas cans. City provided educational materials, maps and bags.
- City staff manned an educational booth at the Farmer’s Market on 9/03/22 for 3 hours.
- Staff has identified a need to develop a more comprehensive contact list for the various Homeowner’s Associations and to provide education to this target audience.

7. Were the BMPs for MCM 1 determined effective/successful for this reporting period? If No, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? **Yes**

8. Were any changes made to MCM 1 during the reporting period that were not covered above, including the addition of programmatic BMPs? If Yes, please include an attachment describing changes. **No**

MCM 2. Public Involvement and Participation

3. (4.2.D) Were any changes to publicly available method to accept public inquiries, or concerns, and to take information provided by the public about stormwater and stormwater related topics made during reporting period? If Yes, please include an attachment describing changes. **Yes, added an email for contact regarding stormwater issues. Did leave phone number as an option for those who would rather call.**

4. Were all BMPs and tracking methods for 4.2.D evaluated during reporting period? If No, please include an attachment describing what BMPs were not evaluated and why. **Yes**

5. (4.2.E) Does the permittee utilize a stormwater management panel or committee during the reporting period? If Yes, was the panel or committee determined to be effective/successful for this reporting period? If the permittee does not currently utilize a stormwater management panel or committee, did the permittee evaluate the potential benefits of utilizing a stormwater management panel or committee? **No, the City does not have a stormwater management panel or committee. The City evaluated the potential benefits of utilizing a stormwater management committee and does not believe it makes sense for the City at this time.**

6. Were any changes to 4.2.E made during reporting period? If Yes, please include an attachment describing changes. **No**

7. (4.2.F) On what date did the permittee provide an update to the governing board on the status of, or updates on, the Stormwater Management Program, including compliance with the program for this reporting period? **Update on program by Joshua Martinez at the City Council Meeting on September 30, 2022**

8. (4.2.I) Were all tracking mechanisms and databases for MCM 2 evaluated during this reporting period? If No, please include an attachment describing why the mechanisms were not evaluated. **Yes**

9. Were the measurable goals for all BMPs for MCM 2 successfully reached? If No, were the measurable goals or BMPs evaluated/modified in an effort for success in the next reporting period? **Yes**

For each of the BMPs under this MCM, please provide a brief summary of how the measurable goals were achieved and documented. For any BMPs where the measurable goals were not achieved, provide a brief summary of how the BMP evaluated/modified in an effort for success in the coming reporting year.

- **Phone calls relating to Stormwater were not documented during Q1-Q3, in late Q3 staff evaluated the routing of stormwater-related calls from the Public Works front desk. They are now being sent to the Review Engineer**

with improved tracking through weekly emails summarizing input received (tracking revise mid-reporting year).

- November: Resident calling about neighbor blowing leaves into gutter (staff reached out to resident, but did not receive more information which was needed for a proper follow up)
- November: Residents called about subdivision erosion control failing (development was contacted by staff and resolved issue)
- December: Resident called about 3 storm inlets in need of cleaning (inlets cleaned by staff)
- December: Resident called about illicit discharge (upon inspection no illicit discharge occurred)
- The City web site has a Citizen Request Tracker entered through the “Let Us Know – Report a Concern” Link on the side navigation. During the reporting period, 4 inputs were received via this mechanism. These included concerns related to:
 - Storm sewer blockage (1)
 - Storm inlet cleaning (2)
 - Stormwater illicit discharge (1)
 - All cases were investigated, resolved and closed out by City staff.

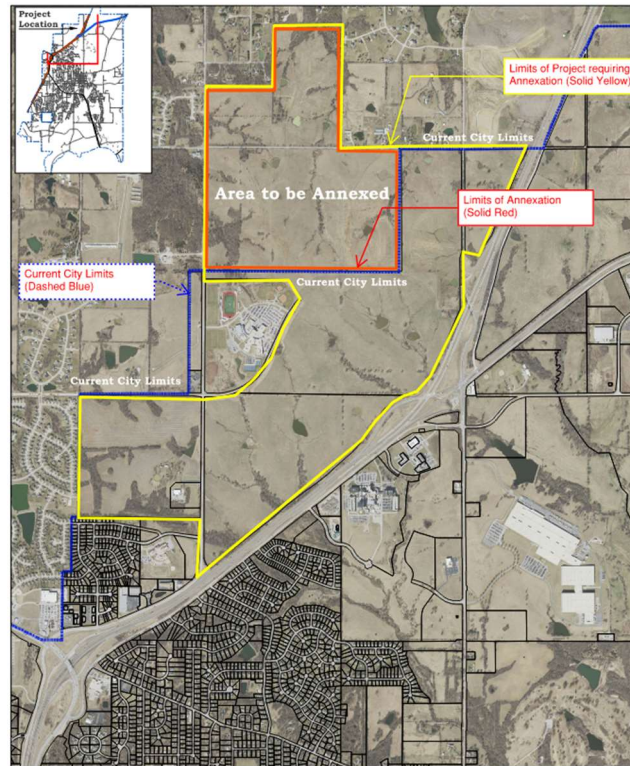
10. Were the programmatic BMPs for MCM 2 determined effective/successful for this reporting period? If No, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? **Yes**

11. Were any changes made to MCM 2 during the reporting period that were not covered above, including the addition of programmatic BMPs? If Yes, please include an attachment describing changes. **No**

MCM 3. Illicit Discharge Detection and Elimination

1. (4.3.A) Were any changes to the storm sewer system map made during reporting period? **Yes, facilities were added as constructed.**

- **28 inlet structures**
- **4 separate storm manholes**
- **Approximately 2263 lf of storm pipe**
- **1 Annexation: During the reporting period a total of (1) area has been annexed into the City of Liberty. Annexation occurred on October 24, 2022 and is shown in the below image:**



2. (4.3.C) Were any changes made to the ordinance for prohibition of non-stormwater into the storm sewer system during this reporting period? **No**

3. (4.3.D) Was the measurable goal for dry weather field screening met? If No, were the measurable goals evaluated/modified in an effort for success in the next reporting period? **Yes**

4. (4.3.H) Were the priority areas evaluated for this reporting period? If Yes, were the priority areas determined to be appropriate for the next reporting period? Will additional or new priority areas be identified for the next reporting period? **Yes, they were evaluated. Yes, they are appropriate for the next reporting period. No new areas will be added at this time.**

5. (4.3.J) Were any illicit discharge investigations conducted during this reporting period? If Yes, were the investigation procedures, response times, and tracking mechanisms determined to be appropriate for the next reporting? If No, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? **Yes – illicit discharge investigations were conducted during this reporting period. Yes – investigation procedures, response times and tracking mechanisms appear to be appropriate. Staff plans to revise/update the existing Enforcement Response Plan to be more concise and easier to follow.**

6. (4.3.K) Were MCM 3 enforcement procedures evaluated during this reporting period? If No, please include an attachment describing why the procedures were not evaluated.

Yes

7. (4.3.L) Were all tracking mechanisms and databases for MCM 3 evaluated during this reporting period? If No, please include an attachment describing why the mechanisms were not evaluated. **Yes**

8. (4.3.M, 4.3.Q) Were all outreach and internal training procedures for MCM 3 evaluated during this reporting period? If No, please include an attachment describing why the procedures were not evaluated. **Yes**

9. Were the measurable goals for all BMPs for MCM 3 successfully reached? If No, were the measurable goals or BMPs evaluated/modified in an effort for success in the next reporting period? **Yes**

For each of the BMPs under this MCM, please provide a brief summary of how the measurable goals were achieved and documented. For any BMPs where the measurable goals were not achieved, provide a brief summary of how the BMP evaluated/modified in an effort for success in the coming reporting year.

- **54 outfalls were dry weather field screened 54 within the priority areas. The total number of outfalls had previously been established as 653. With recent training on the definition of outfall, it is expected that this total is much lower as many discharge points of the engineered stormwater collection system will not meet the legal definition of “MS4 Outfall”. The discharge points will be used as “outfalls” until field evaluated to verify which will be in the outfall total. Dry weather field screening led to some areas with constant water flow which is assumed to be a spring. Internal measures for defining “spring” versus “illicit discharge” will be developed and documented. It should be noted that almost 80 MS4 discharge points were inspected, but an issue with the GIS database resulted in data loss.**
- **3 IDDE enforcement actions taken**
 - **1 was resolved by issuance of a police ticket**
 - **1 was resolved by issuance of city letter**
 - **1 was resolved through discussions with MDNR**
- **Any illicit discharges discovered by staff in daily operations**
- **Any illicit discharges reported by public? Yes. Phone calls concerning other residents with yard waste. Letters were sent to entire block notifying educating everyone and informing them of city policy. No further issues noted.**
- **76,870 pounds of HHW collected from City residents**
- **(2) Public Works Inspectors, (3) engineers, and (3) Building inspectors plus all facility staff at (4) maintenance facilities trained on illicit discharges**
- **Facebook post messages covered illicit discharge education (See MCM #1)**

- **Sanitary sewers were inspected for potential for exfiltration of waste that could impact the City's MS4. In 2022: 142,030 feet of sanitary sewers were inspected via CCTV.**

10. (4.3.N -4.3.R) Were the programmatic BMPs for MCM 3 determined effective/successful for this reporting period? If No, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? **Yes**

11. Were any changes made to MCM 3 during this reporting period that were not covered above, including the addition of programmatic BMPs? If Yes, please include an attachment describing changes. **No**

MCM 4. Construction Site Stormwater Runoff Control

1. (4.4.A) Were any changes to the ordinance for construction site stormwater made during this reporting period? If Yes, please include an attachment describing changes. **No**

2. (4.4.B) Were the pre-construction plan review procedures evaluated during this reporting period? If No, please include an attachment describing why the review procedures were not evaluated. **Yes**

3. (4.4.C) Were the procedures for construction site inspections evaluated during this reporting period? If No, please include an attachment describing why the procedures were not evaluated. **Yes**

4. (4.4.D) Were construction site enforcement procedures evaluated during this reporting period? If No, please include an attachment describing why the procedures were not evaluated. **Yes**

5. (4.4.E) Were the procedures for requiring construction site operators to conduct site inspections evaluated during this reporting period? If No, please include an attachment describing why the procedures were not evaluated. **Yes**

6. (4.4.F, 4.4.G) Were all tracking mechanisms and databases for MCM 4 evaluated during this reporting period? If No, please include an attachment describing why the mechanisms and/or databases were not evaluated. **Yes**

7. (4.4.J) Were all procedures for public submittal of concerns or information related to construction sites evaluated during this reporting period? If No, please include an attachment describing why the procedures were not evaluated. **Yes**

8. (4.4.K) Were all internal training procedures for MCM 4 evaluated for effectiveness during this reporting period? If No, please include an attachment describing why the procedures were not evaluated. **Yes**

9. (4.4.L) Were all procedures outlining the local inspection and enforcement for MCM 4 evaluated during this reporting period? If No, please include an attachment describing why the document(s) were not evaluated. **Yes**

10. Were the measurable goals for all programmatic BMPs for MCM 4 successfully reached? If No, were the measurable goals or programmatic BMPs evaluated/modified in an effort for success in the next reporting period? **Yes**

For each of the programmatic BMPs under this MCM, please provide a brief summary of how the measurable goals were achieved and documented. For any BMPs where the measurable goals were not achieved, provide a brief summary of how the BMP evaluated/modified in an effort for success in the coming reporting year.

- **Continued pre-construction plan review of new and redevelopment projects disturbing more than one acre ensuring that selected BMPs are appropriate for the site. The City Review Engineer received and reviewed 38 sets of plans in 2022. This resulted in the issuance of 6 public works permits in 2022. Also, 13 land disturbance permits were issued in 2022. As the City updated permitting software during 2022, all permits show a start date of 2022 including those which were carried over from 2021. Hard copies show original dates, however hard copies were not sorted through for the purposes of this report.**
- **Continued to require weekly contractor self-inspections of active construction sites that result in land disturbance of greater than or equal to one acre and any smaller land disturbances if part of a greater plan or sale that would exceed the one-acre threshold in aggregate. Staff reviewed these weekly reports and made inspections of the sites to verify the accuracy of the reports and to verify that any deficiencies that contractors self-identified had been corrected. Often, contractors had already addressed the issues and no enforcement action was necessary. In 2022, there were 13 active construction sites. Two project inspectors visited these sites on a regular basis, at minimum every other day. Beginning in fourth quarter, inspectors began conducting (1) formal monthly oversight inspection of each site. Hard copies of these inspections are collected and stored by the Review Engineer.**
- **Documentation of enforcement activities related to construction site runoff control was not adequately kept for the entire year. Of the 8 documented cases, the most common violations involved failing silt fence and failing storm socks. These have been resolved by refusing to perform building inspections until the issues are corrected, forwarding of the escalation letter, and in-person discussions with site representatives.**

- **As discussed in MCM 2, documentation of calls was not properly kept until Q3. However, there were 9 documented calls or other contacts from the public on construction site related matters**

11. (4.4.H, 4.4.I, 4.4.M) Were the programmatic BMPs and procedures for MCM 4 determined effective/successful for this reporting period? **Yes**

12. Were any changes made to MCM 4 during the reporting period that were not covered above, including the addition of programmatic BMPs? If Yes, please include an attachment describing changes. **No**

MCM 5. Post-Construction Stormwater Management in New Development and Redevelopment

1. (4.5.A) Were any changes to the ordinance for post-construction runoff site stormwater made during this reporting period? If Yes, please include an attachment describing changes. **No**

2. (4.5.B) Were any changes to the permittee's strategy to minimize water quality impact made during this reporting period? This includes any policy or ordinance changes to either structural or non-structural controls. If Yes, please include an attachment describing changes. **No**

3. Were all strategies (programmatic BMPs) for 4.5.B evaluated during this reporting period? If No, please include an attachment describing what BMPs were not evaluated and why. **Yes**

4. (4.5.C) Were the pre-construction plan review procedures evaluated during this reporting period? If No, please include an attachment describing why these procedures were not evaluated. **Yes**

5. (4.5.D) Were procedures for long-term operation and maintenance of the post-development BMPs evaluated during this reporting period? If No, please include an attachment describing why these procedures were not evaluated. **Yes**

6. (4.5.E) Were the procedures for inspections or requiring inspections, evaluated during this reporting period? If No, please include an attachment describing why these procedures were not evaluated. **Yes**

7. Were the measurable goals for all BMPs for 4.5.E successfully reached? If No, were the measurable goals evaluated/modified in an effort for success in the next reporting period? **Yes**

8. (4.5.F, 4.5.G) Were compliance and enforcement procedures evaluated during this reporting period? If No, please include an attachment describing what BMPs were not evaluated and why. **Yes**

9. (4.5.H) Was the inventory of all post-construction BMPs, including the tracking mechanism, evaluated during this reporting period? If No, please include an attachment describing why these procedures were not evaluated. **Yes**

10. (4.5.I) Were all tracking mechanisms for post-construction BMP inspections, including the tracking mechanism, evaluated during this reporting period? If No, please include an attachment describing why these procedures were not evaluated. **Yes**

11. (4.5.L) Were all training procedures for inspections evaluated for effectiveness during this reporting period? No, please include an attachment describing why these procedures were not evaluated. **Yes**

12. Were the measurable goals for all programmatic BMPs for MCM 5 successfully reached? If No, were the measurable goals or programmatic BMPs evaluated/modified in an effort for success in the next reporting period? **Yes**

For each of the BMPs under this MCM, please provide a brief summary of how the measurable goals were achieved and documented. For any BMPs where the measurable goals were not achieved, provide a brief summary of how the BMP evaluated/modified in an effort for success in the coming reporting year.

- **Summary of new post-construction BMP's constructed during this reporting period:**
 - (3) detention basins
 - (2) bioretention basins
 - (1) Hydrodynamic separator
 - (1) underground detention
- **7 post-construction BMP maintenance covenants/agreements executed/recorded. All of the parcels that have executed maintenance covenants are tracked within the GIS.**
- **Inspected 6 existing detention basins. Inspections of existing basins were tracked in custom GIS application. However, as noted with the dry weather field screening, inspection data was lost during the year. Staff is working to improve procedures to prevent a recurrence of such a loss.**
- **Identified a need to develop a more comprehensive inventory of post-construction BMPs (especially targeting BMPs that are not "basins").**

13. (4.5.J, 4.5.K, 4.5.M) Were programmatic BMPs and procedures for MCM 5 determined effective/successful for this reporting period? If No, were the programmatic BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? **Yes**

14. Were any changes made to MCM 5 during the reporting period that were not covered above, including the addition of programmatic BMPs? If Yes, please include an attachment describing changes. **No**

MCM 6. Pollution Prevention/Good Housekeeping for Municipal Operations

1. (4.6.A) Did the permittee maintain and utilize an employee training program for MS4 municipal operations staff? What date or dates was the training held during this reporting period? **Yes. Maintenance staff were trained on the SOPs for Good Housekeeping in Municipal Operations (which address all of the topics required under Section 4.6.B). The training was completed between September 2022 and November 2022. Employees were instructed to review their facility's SWPPP and the SOPs and sign an acknowledgement form to document the training. New employees completed similar training as part of their orientation.**
2. Were any changes to the training program made during reporting this period? If Yes, please include an attachment describing changes. **No**
3. (4.6.B) Were the following topics covered during training for this reporting period?
 - Vehicle and equipment washing **Yes**
 - Fluid disposal and spills **Yes**
 - Fleet, equipment, and building maintenance **Yes**
 - Park, open space maintenance procedures (including fertilizer, herbicide, pesticide application) **Yes**
 - New construction, road maintenance, and land disturbances **Yes**
 - Stormwater system maintenance **Yes**
 - MS4 operated salt and de-icing operations **Yes**
 - Fueling **Yes**
 - Solid waste disposal **Yes**
 - Street sweeper operations **Yes**
 - Illicit Discharges **Yes**
4. (4.6.C) Were training materials, written procedures for the training program, and a schedule for topics evaluated during this reporting period? If No, please include an attachment describing what BMPs were not evaluated and why. **Yes**
5. (4.6.D) Was a list of municipal operations/facilities impacted by the MS4 permit maintained and evaluated during this reporting period? **Yes**
6. (4.6.E) Was a list of all industrial facilities owned or operated by the permittee which are subject to NPDES permits for discharges of stormwater associated with industrial activity, maintained and evaluated during this reporting period? **Yes**
7. (4.6.F) Were controls and procedures for reducing or eliminating the discharge of floatables and pollutants from municipal facilities evaluated during this reporting period? If No, please include an attachment describing what elements and procedures were not evaluated and why. **Yes**
8. Were inspections conducted on these facilities at minimum annually? **Yes**

9. Were the stormwater control measures and other programmatic BMPs for 4.6.E determined effective/successful for this reporting period? If No, were the BMPs, and procedures determined to be ineffective/unsuccessful evaluated for modification or replacement? **Yes**

10. (4.6.G) Were procedures for proper disposal of waste removed from the MS4 structures and areas of jurisdiction evaluated during this reporting period? If No, please include an attachment describing why the procedures were not evaluated. **Yes**

11. (4.6.H) Was washing of municipal vehicles and/or equipment taking place on a facility owned and/or operated by the permittee during this reporting period? If Yes, were procedures for proper disposal of wash water evaluated during this reporting period? If No, please include an attachment describing what procedures were not evaluated and why. **Yes, there was washing of City vehicles/equipment at City facilities. Yes, standard operating procedures were followed for proper disposal of wash waters.**

12. (4.6.I) Did the permittee maintain written Stormwater Pollution Prevention Plans or an Operations and Maintenance Manual for all applicable MS4 facilities during this reporting period? If No, please include an attachment describing why the document(s) were not created and/maintained. **Yes**

13. Did the permittee evaluate the results, controls, and inspection procedures to ensure compliance with the permit and determine if changes are needed? This evaluation may also aid in finding priority areas or pollutants in relation to MCM 3, or adding more education in relation to MCM 1. If No, please include an attachment describing what BMPs were not evaluated and why. **Yes**

14. (4.6.J) Were any new flood management projects reviewed or begun during this reporting period? If Yes, were procedures used to determine if there are impacts to water quality for the new project? **No**

15. Were the measurable goals for all BMPs for MCM 6 successfully reached? If No, were the measurable goals evaluated/modified in an effort for success in the next reporting period? **Yes**

For each of the BMPs under this MCM, please provide a brief summary of how the measurable goals were achieved and documented. For any BMPs where the measurable goals were not achieved, provide a brief summary of how the BMP evaluated/modified in an effort for success in the coming reporting year.

- **Employees were trained at each maintenance facility and each employee signed training acknowledgment forms. These training records are kept within each facility's SWPPP manual. All facilities conducted training for all employees. Training involved all SOP/Good Housekeeping topics including IDDE.**

- **Staff virtually attended a MDNR Dry Weather Screening and IDDE training, recordings were obtained from MDNR and the trainings watched after the fact when necessary.**
- **Consultant trained public works and building staff on 03-03-2022. MCM 1-6 were covered.**
- **Continued to perform maintenance activities on the MS4.**
 - **While an actual number of catch basins was not documented, over 700 man hours were spent cleaning catch basins. Conservatively assuming 1 basin per 4 hours this computes to 175 catch basins. Waste was taken to the landfill.**
 - **9 stormwater inlets were repaired, 140 feet of storm pipe replaced, other stormwater system improvements/repairs?**
- **Continued to sweep streets to reduce pollutant loads. In 2022: 1219 miles were swept.**
- **During the 2021-2022 snow season, crews utilized 1233 tons of salt and 16846 gallons of calcium. Salt is stored in a covered facility at Street Maintenance and the area around the facility is cleaned after each snow event.**
- **The Street Maintenance facility sediment trap was cleaned out 2 times by the Utilities Department vacuor truck and the waste hauled to the landfill.**
- **Staff reviewed existing SWPPPs for the 4 maintenance facilities (Streets, Parks, Sports Complex and Utilities) to verify that all required information was included. New SWPPP manuals were provided to Sports complex and Utilities. All SWPPPS had new site location maps, facility maps and materials stored updated.**
- **All four maintenance facilities were inspected. Minor issues were noted and rectified. No SWPPP manual was found for the sports complex or the Utilities maintenance facility. These were assembled and provided to these facilities with all applicable SOP's and training documents.**

16. (4.6.K, 4.6.L, 4.6.M) Were BMPs for MCM 6 determined effective/successful for this reporting period? If No, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? **Yes**

17. Were any changes made to MCM 6 during the reporting period that were not covered above? If Yes, please include an attachment describing changes. **No**