

RESOLUTION NO. 2023-04-028R

**A RESOLUTION APPROVING AN INTERGOVERNMENTAL AGREEMENT
CONCERNING BONEYARD CREEK PROJECT**

WHEREAS, the City of Urbana (the “Urbana”) is an Illinois municipal corporation and a home rule unit of local government pursuant to Section 6 of Article VII of the Illinois Constitution of 1970 and the statutes of the State of Illinois; and,

WHEREAS, the Urbana & Champaign Sanitary District (the “UCSD”) is a body politic organized under the authority of the Sanitary District Act of 1917; and,

WHEREAS, Section 10 of Article VII of the Illinois Constitution of 1970 and the Illinois Intergovernmental Cooperation Act, 5 ILCS 220/1 *et seq.* enable the parties to enter into and execute agreements among themselves and provide authority for intergovernmental cooperation; and

WHEREAS, the Parties have identified a need for certain improvements and stabilization of the Boneyard Creek bank; and,

WHEREAS, the identified improvements and stabilization are necessary for the protection of the bank from further erosion and negatively impacting UCSD sewer facilities; and,

WHEREAS, the Parties desire to enter into an Intergovernmental Agreement concerning the Boneyard Creek Project.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Urbana, Illinois, as follows:

Section 1.

The Intergovernmental Agreement between Urbana and UCSD concerning the Boneyard Creek Project, which is attached hereto and incorporated by reference herein, shall be and hereby is authorized and approved.

Section 2.

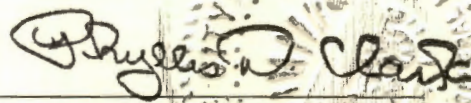
The Mayor of the City of Urbana, Illinois, shall be and hereby is authorized to execute and deliver and the City Clerk of the City of Urbana, Illinois, shall be and hereby is authorized to attest to said execution of said Agreement as so authorized and approved for and on behalf of the City of Urbana, Illinois.

PASSED BY THE CITY COUNCIL this 24th day of April, 2023.

AYE: Wu, Evans, Hursey, Kolisetty, Bishop, Wilken

NAY: None

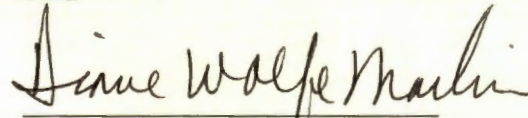
ABSTENTIONS: None



Phyllis D. Clark, City Clerk



APPROVED BY THE MAYOR this 2nd day of May, 2023.



Diane Wolfe Marlin, Mayor

AN INTERGOVERNMENTAL AGREEMENT
PROVIDING FOR COOPERATION IN THE CREEK BANK STABILIZATION OF
SEGMENT #3 OF THE BONEYARD CREEK

This Intergovernmental Agreement (hereinafter, the "Agreement"), including any exhibits and attachments appended hereto and incorporated herein, is made and entered into as of this 2nd day of May, 2023 by and between the Urbana & Champaign Sanitary District, an Illinois Municipal Corporation (hereinafter, the "Sanitary District") and the City of Urbana, an Illinois Municipal Corporation (hereafter, the "City").

WHEREAS, Section 10 of Article VII of the Illinois Constitution of 1970 and the Illinois Intergovernmental Cooperation Act, 5 ILCS 220/1 *et seq.* enable the parties hereto to make and enter into agreements by and between themselves and provide authority for intergovernmental cooperation; and,

WHEREAS, the creek bank in Segment #3 of the Boneyard Creek between Race Street and Broadway Avenue has eroded away exposing the Sanitary District's 1923 Interceptor sewer pipe; and,

WHEREAS, the City plans to install rip-rap armoring, boulders, rock, and j-hooks to stabilize the creek bank in Segment #3 protecting the Sanitary District's interceptor sewer from future erosion and bank loss; and,

WHEREAS, the Sanitary District and its constituents will benefit directly from the contemplated Boneyard Segment #3 Bank Stabilization Project, and thus it is appropriate for the Sanitary District to contribute funds to cover certain Project costs.

NOW therefore, in consideration of the exchange of good, valuable and mutual consideration which each party hereto acknowledges as having in hand received and for the

exchange of the terms, provisions and conditions contained in this Agreement, the parties hereto agree as follows:

1. The City is authorized to act as contracting agent for and on behalf of itself and the Sanitary District to do that which is reasonably necessary to undertake the Project in consultation with the Sanitary District. In performance of said undertaking the City will comply with all laws relating to the services it is to provide pursuant to this Agreement.

2. Exhibit A (which consists of pertinent pages the Boneyard Creek Segment #3 Bank Stabilization project plans and bid opening tabulation) attached hereto shall be and hereby is incorporated into and made a part of this Agreement as if fully set forth herein, for the purpose of specifically defining the scope of the Project. Provisions set forth in Exhibit A may be modified and/or supplemented as contemplated in Paragraph 4 of this Agreement.

3. Notwithstanding anything to the contrary provided for in this Agreement, the Sanitary District shall reimburse the City for construction costs for the Boneyard Creek Segment #3 Bank Stabilization Project based on contract unit prices for the project.

4. The Sanitary District and the City acknowledge that during the course of the Project it may become necessary to issue change orders to the City's contract with the successful bidder to address unforeseen conditions and/or additional work requests. The City agrees to provide the Sanitary District's Executive Director with an opportunity to review and approve or object to change orders that are directly related to work and improvements to the Boneyard Creek Segment #3 Bank Stabilization Project prior to approval by the City. If the Sanitary Executive Director approves any change order directly related to work and improvements to the Boneyard Creek Segment #3 Bank Stabilization Project, the Sanitary District shall be responsible for the additional cost(s) set forth in the change order. If the Sanitary District's Executive

Director does not approve a proposed change order to the Boneyard Creek Segment #3 Bank Stabilization Project, and the Sanitary District and the City do not agree to modification of the proposed change order, the City may not proceed with the change order in the form submitted to the Sanitary District.

5. The City shall make all payments to the Project contractor in accordance with the contract entered into with the winning bidder. The Sanitary District shall promptly reimburse the City for the Sanitary District's portion of the Project costs, including any change orders related to Boneyard Creek Segment #3 Bank Stabilization Project as provided in paragraph 4 above, paid by the City. In any event, the Sanitary District shall make payment to the City within sixty (60) days of receipt of an invoice from the City; provided payment shall be subject to approval of the Sanitary District's Director of Engineering, which approval shall not be unreasonably withheld or delayed.

6. Notice given hereunder shall be given to:

City at:	The Sanitary District at:
Delivery: Public Works Director Urbana Public Works Department 706 South Glover Avenue Urbana, IL 61802	Executive Director Urbana & Champaign Sanitary District 1100 East University Avenue Urbana, IL 61802
Mail: (same as above)	Executive Director Urbana & Champaign Sanitary District P.O. Box 669 Urbana, IL 61803

Notice shall be deemed effective:

a. If given by First Class Mail, four (4) days after placement with the U.S. Postal Service if placed in a properly addressed and stamped envelope.

b. If given by courier service, the day after delivery if the courier service provides, whether in hardcopy or electronically, a receipt stating that delivery was made.

c. If sent by certified mail, return receipt requested, upon mailing.

7. In the event either party to this Agreement defaults (the “Defaulting Party”) on any of its obligations provided in this Agreement, the other party (the “Non-Defaulting Party”) shall give the Defaulting Party notice of any such default. All Notices of Default shall be in writing, describe the nature of the default and specify the paragraph of this Agreement or the exhibit designation and paragraph therein claimed to be in default. The Defaulting Party shall have seven (7) calendar days in which to (i) cure the default, (ii) provide a written statement to the Non-Defaulting Party which explains why the Defaulting Party is not in default; or (iii) provide the Non-Defaulting Party with a reasonable timetable in which it will cure the default if the same cannot reasonably be cured within the said seven (7) calendar-day period.

8. In the event of a dispute between the parties regarding the withholding of any approval, any terms provided for in this Agreement or any exhibit attached hereto and made a part hereof, or the performance of any obligation provided for in this Agreement, the parties shall meet face-to-face in an effort to resolve their dispute. If such face-to-face resolution effort fails, the parties to this Agreement shall agree to and shall participate in good faith in mediation. Should mediation fail, either party shall have the right to file and maintain an action in the Circuit Court for the Sixth Judicial Circuit, Champaign County, Illinois seeking the relief which the filing party deems appropriate. Any dispute regarding the construction, interpretation or application of any term contained in this Agreement or any exhibit appended hereto and any breach hereof shall be governed by the laws of the State of Illinois and Sanitary District ordinances.

9. City will agree to protect, save, defend, indemnify, and hold harmless the Sanitary District from and against any and all expenses, damages, claims, suits, action, judgments, and/or costs whatsoever, including attorney's fees, arising out of, or in any connected with, any claim or action arising out City's performance under this Agreement. The provisions of this section shall survive any termination or expiration of this Agreement. The provisions of this section shall survive any termination or expiration of this Agreement.

IN WITNESS WHEREOF, the City and the District have executed this Agreement.

CITY OF URBANA

By *Diane Wolfe Marlin*
Diane Marlin – Mayor

Date: May 2, 2023

URBANA & CHAMPAIGN SANITARY DISTRICT

By *Jennifer Putman*
Jennifer Putman – Board President

Date: May 2, 2023

City of Urbana, Illinois

Boneyard Creek Segment 3 Bank Stabilization

INDEX OF DRAWINGS

SHEET NO.	SHEET NAME	ISSUE DATE	REVISION DATE	REVISION DATE
C0.0	COVER SHEET	08/05/2022	03/23/2023	04/06/2023
C0.1	GENERAL NOTES & LEGENDS	08/05/2022	03/23/2023	04/06/2023
C1.0	EXISTING TOPOGRAPHY & DEMOLITION PLAN	08/05/2022	03/23/2023	_____
C2.0	SITE PLAN	08/05/2022	03/23/2023	04/06/2023
C3.0	CHANNEL CROSS SECTIONS	08/05/2022	03/23/2023	_____
C3.1	CHANNEL CROSS SECTIONS	08/05/2022	03/23/2023	_____
C4.0	SITE DETAILS	08/05/2022	03/23/2023	_____
C4.1	SITE DETAILS	08/05/2022	03/23/2023	04/06/2023

LOCATION MAP



UTILITY INFORMATION



CITY OF URBANA

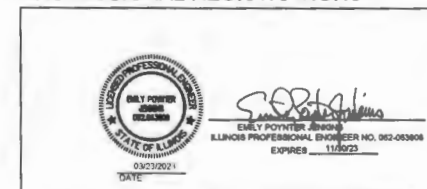
APPROVED _____ 20_23

CITY ENGINEER

PERMITS

THIS WORK WILL BE PERFORMED UNDER THE ILLINOIS DEPARTMENT OF NATURAL RESOURCES PERMIT NUMBER 9 AUTHORIZING MINOR SHORELINE, STREAM BANK, AND CHANNEL PROTECTION ACTIVITIES AND THE U.S. ARMY CORPS OF ENGINEERING NATIONWIDE PERMIT NUMBER 13 AUTHORIZING BANK STABILIZATION.

PROFESSIONAL REGISTRATIONS



PROJECT NO.: 0220721.00

Design Firm Registration #184001856

DATE: 08/05/2022
REVISION DATES: 03/23/2023, 04/06/2023

2211 West Bradley Avenue - Champaign, Illinois 61821 - Phone: (217) 352-7408 / info@f-w.com

OWNER ENGINEER/SURVEYOR

CITY OF URBANA
709 S GLOVER AVE
URBANA, IL 61802

FARNSWORTH GROUP / EMILY POYNTER JENKINS
2211 WEST BRADLEY AVENUE
CHAMPAIGN, IL 61821
PHONE 317-7408

GENERAL NOTES

A. GENERAL NOTES - AUTHORITY AND RESPONSIBILITY

1. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE MEANS, METHODS, PROCEDURES, TECHNIQUES, OR SEQUENCES OF CONSTRUCTION, NOR SAFETY ON THE JOB SITE, NOR SHALL THE ENGINEER BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, NEITHER THE PROFESSIONAL ACTIVITIES OF THE ENGINEER NOR THE PRESENCE OF THE ENGINEER AT A CONSTRUCTION SITE SHALL RELIEVE THE CONTRACTOR OF THEIR OBLIGATIONS, DUTIES, AND RESPONSIBILITIES INCLUDING ANY HEALTH AND SAFETY PRECAUTIONS REQUIRED BY ANY REGULATORY AGENCIES.

IN ADDITION, THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SHALL BE MODIFIED AS FOLLOWS:

UNDER SECTION 105, ADD THE FOLLOWING SENTENCE:

NOTHING CONTAINED HEREIN SHALL RELIEVE CONTRACTOR OF ITS DUTY TO OBSERVE AND COMPLY WITH ALL APPLICABLE LAWS, NOR SHALL ENGINEER BE RESPONSIBLE FOR CONTRACTOR'S COMPLIANCE OR NON-COMPLIANCE WITH SUCH LAWS.

UNDER SECTION 107.01, ADD THE FOLLOWING SENTENCE:

ENGINEER SHALL NOT BE RESPONSIBLE FOR CONTRACTOR'S DUTY TO OBSERVE AND COMPLY WITH THE PROVISIONS OF THIS SECTION, OR FOR CONTRACTOR'S FAILURE TO DO SO.

B. TYPICAL CONSTRUCTION SEQUENCING

1. INSTALL ROCK VANE CONTROL MEASURES. NOTE THAT TO AID IN SEDIMENT CONTROL IN-STREAM STRUCTURES SHALL BE INSTALLED FROM UPSTREAM TO DOWNSTREAM. THIS WILL ENCOURAGE DISTURBED SEDIMENT TO DROP OUT.

2. HYDRO-SEED IMMEDIATELY FOLLOWING INSTALLATION OF ROCK VANE WEIR AND RIPRAP BANK.

C. GENERAL NOTES

1. ALL EXCESS CONSTRUCTION MATERIALS SHALL BE DISPOSED OFF THE JOB SITE BY THE CONTRACTOR.

2. CALL J.U.L.I.E. 48 HOURS BEFORE ANY CONSTRUCTION IS TO BEGIN.

3. BUILDING OWNERS AT 405 N BROADWAY AVE, 401 N BROADWAY AVE, 402 N RACE ST AND THE CITY OF URBANA SHALL BE GIVEN WRITTEN NOTICE 48 HOURS PRIOR TO COMMENCEMENT OF ANY WORK ON THE SITE.

4. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR AND/OR REPLACE ANY ROADWAYS, SIDEWALKS, CURBS AND GUTTERS AND ENTRANCES DAMAGED DURING THE COURSE OF THE CONSTRUCTION OF THE PROJECT. SUCH REPAIRS OR REPLACEMENTS SHALL BE IN ACCORDANCE WITH IDOT STANDARDS AND BE ADA COMPLIANT WHERE APPLICABLE.

GENERAL NOTES (CONT.)

5. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION LAYOUT FOR THIS PROJECT. THE ENGINEER WILL PROVIDE THE CONTRACTOR WITH AN AUTOCAD V. 2020 MODEL DRAWING OF THE SITE IMPROVEMENTS SHOWN ON THESE PLANS FOR THEIR USE FOR CONSTRUCTION LAYOUT AND STAKING BY TOTAL STATION. ADEQUATE PRIMARY CONTROL EXISTS ON-SITE FOR THE CONTRACTOR TO ESTABLISH HIS HORIZONTAL POSITION ON THE SITE.

6. THE CONTRACTOR SHALL SUBMIT FOR REVIEW AND APPROVAL AN EROSION AND SEDIMENT CONTROL PLAN FOR MANAGING CONSTRUCTION IN THE STREAM. THE PLAN MUST BE APPROVED BY THE OWNER AND ENGINEER AND SHALL MINIMIZE DISCHARGE OF EXCESSIVELY TURBID WATER.

7. ALL DISTURBED AREAS ON THE NORTH AND WEST BANKS SHALL BE GRADED AND HYDRO-SEEDED WITH IDOT MIX NO. 4B UNLESS NOTED OTHERWISE. ALL DISTURBED AREAS ON THE SOUTH BANK SHALL BE RESTORED TO EXISTING LANDSCAPING, UNLESS NOTED OTHERWISE.

8. STREET SWEEPING, STOCKPILING AND PLACEMENT WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE BID PRICE OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

9. CONSTRUCTION ACCESS PLAN MUST BE PRESENTED TO CITY OF URBANA AT PRE-CONSTRUCTION MEETING AND APPROVED BY CITY PRIOR TO BEGINNING WORK.

10. THE CONTRACTOR SHALL PROVIDE ALL TRAFFIC CONTROL SIGNALAGE FOR PEDESTRIAN AND BIKE TRAFFIC FOR PATH AND/OR SIDEWALK CLOSURES. THE CONTRACTOR MUST SUBMIT A MAINTENANCE OF TRAFFIC PLAN FOR APPROVAL BY THE CITY PRIOR TO BEGINNING WORK.

11. ALL ELEVATIONS IN THE PLANS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

12. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THE PROJECT.

D. GENERAL EROSION AND SEDIMENT CONTROL NOTES

1. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO THE MINIMUM GUIDELINES & RECOMMENDATIONS IN THE ILLINOIS URBAN MANUAL, LATEST REVISION.

2. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLANS SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.

3. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.

4. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF SOIL DISTURBANCE WITHIN UPLAND AREAS.

5. DISTURBED AREAS SHALL BE STABILIZED WITH PERMANENT MEASURES IMMEDIATELY FOLLOWING GROUND PREPARATION. STREAM BANKS SHOULD NOT REMAIN DISTURBED AND UNSTABILIZED OVERNIGHT OR BEFORE A RAIN EVENT.

6. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED, OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.

7. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED.

8. A STABILIZED MAT OF AGGREGATE UNDERLAIN WITH FILTER CLOTH (STABILIZED CONSTRUCTION ENTRANCE) SHALL BE LOCATED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING DISTURBED DIRT AREA TO OR FROM A PAVED AREA. ANY SEDIMENT OR SOIL REACHING A PAVED AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATION WARRANTS AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.

9. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO SEDIMENT BASINS OR SKT TRAPS. DEWATERING DIRECTLY INTO FIELD TILES OR STORMWATER STRUCTURES IS PROHIBITED.

10. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO INFORM ANY SUB-CONTRACTOR(S) WHO MAY PERFORM WORK ON THIS PROJECT OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS.

11. THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION.

12. THE CONTRACTOR SHALL CHECK ALL ESC MEASURES WEEKLY AND AFTER EACH RAINFALL, 0.5 INCHES OR GREATER IN A 24 HOUR PERIOD, OR EQUIVALENT SNOWFALL. ADDITIONALLY DURING WINTER MONTHS, ALL MEASURES SHOULD BE CHECKED BY THE CONTRACTOR AFTER EACH SIGNIFICANT SNOWMELT.

13. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED IMMEDIATELY UPON COMPLETION OF DISTURBANCE OR IF THE WORK AREA IS TO BE LEFT UNDISTURBED FOR 14 DAYS OR MORE.

14. DURING WORK ON THE BANKS, WORK MUST BE TIMED TO TAKE PLACE DURING LOW OR NON-FLOW CONDITIONS.

15. IF DEWATERING IS NECESSARY, THE INLET OF THE HOSE SHALL BE PLACED IN A SUMP PIT AND THE OUTLET PLACED ON NON-ERODIBLE, ENERGY DISSIPATING SURFACE PRIOR TO REJOINING THE STREAM FLOW.

16. IF DEWATERING THE CONSTRUCTION AREA IS NECESSARY, THE CONTRACTOR SHALL FILTER ALL WATER BY USING FILTER BAGS, AN INLINE FILTER SUMP PIT OR APPROVED ALTERNATE MEASURE. WATER MUST HAVE SEDIMENT REMOVED AT A MINIMUM TO THE BASELINE TURBIDITY OF THE EXISTING, UNDISTURBED UPSTREAM WATERCOURSE BEFORE BEING ALLOWED TO DISCHARGE TO THE STREAM.

17. CRITICAL SIDE SLOPES MUST BE STABILIZED PRIOR TO BEING EXPOSED TO STREAM FLOW.

18. ALL PERMANENT SEEDING SHALL TAKE PLACE IMMEDIATELY FOLLOWING FINAL GRADING OPERATIONS IN ANY COMPLETED AREA WITHIN THE CONSTRUCTION LIMITS.

19. NO CONSTRUCTION WASTE MATERIALS WILL BE BURIED ON SITE. ALL TRASH AND CONSTRUCTION DEBRIS WILL BE HAULED TO THE LOCAL MUNICIPAL DUMP AND DISPOSED OF IN ACCORDANCE WITH STATE AND LOCAL SOLID WASTE MANAGEMENT REGULATIONS.

20. TEMPORARY SECURITY FENCE SHALL CONSIST OF 8 FT. CHAIN LINK PANELS WITH SELF SUPPORTING BASE. PANELS SHALL BE SECURED TO ADJOINING PANELS. SHOP DRAWINGS REQUIRED. PLACEMENT DEPICTED IS APPROXIMATE. THE CONTRACTOR SHALL DEPLOY AS NEEDED TO MAINTAIN SITE SECURITY.

EXISTING LEGEND (STANDARD LEGEND - NOT ALL ITEMS DEPICTED ON PLANS)

SET ROW AND NEW ELEVATION CAP STAMPED	07	STORM SEWER
WALLACE LESTER/100	08	STORM SEWER
HOV ROD (EXISTING)	09	WATER LINE
INDICATOR	10	GAS LINE
STORM MANHOLE	11	OVERHEAD COMMUNICATION LINE
STORM INLET	12	UNDERGROUND COMMUNICATION LINE
CLEANSIT	13	OVERHEAD ELECTRIC LINE
14	14	UNDERGROUND ELECTRIC LINE
15	15	OVERHEAD UTILITY LINE
16	16	UTILITY LINE
17	17	BOUNDARY OF SURVEY
18	18	ADJACENT LOT LINE
19	19	LOT LINE
20	20	EASEMENT LINE
21	21	RIGHT-OF-WAY LINE
22	22	POLE
23	23	BUILDING
24	24	SPOT ELEVATION
25	25	MEASUREMENT DATA
26	26	MEASURED DATA
27	27	UNDISTURBED TREE / SIZE
28	28	RECONSTRUCTED TREE / SIZE
29	29	STUMP
30	30	BUSH
31	31	ROCK / BUNKER

DEMOLITION LEGEND (STANDARD LEGEND - NOT ALL ITEMS DEPICTED ON PLANS)

CONCRETE REMOVAL	DECIDUOUS TREE REMOVAL
ASPHALT PAVEMENT REMOVAL	NON-DECIDUOUS TREE REMOVAL
GRAVEL PAVEMENT REMOVAL	BUSH REMOVAL
ASPHALT PAVEMENT 1-1/2" MILL FOR NEW PAVEMENT	STRUCTURE REMOVAL
GAS SERVICE REMOVAL	PAVEMENT SAWCUT LINE
TELEPHONE LINE REMOVAL	TELEPHONE LINE RELOCATION
OVERHEAD TELEPHONE LINE REMOVAL	OVERHEAD ELECTRIC LINE RELOCATION
ELECTRIC LINE REMOVAL	ORANGE CONSTRUCTION FENCING
OVERHEAD ELECTRIC LINE REMOVAL	CURB REMOVAL

PROPOSED LEGEND (STANDARD LEGEND - NOT ALL ITEMS DEPICTED ON PLANS)

WATER METER PIT W/ METER	WATER SERVICE	SANITARY SERVICE	STORM SEWER	GAS SERVICE	ELECTRIC CONDUITS	CONCRETE NONLITHIC CURB & GUTTER	COMBINED CONCRETE CURB & GUTTER (PUBLIC STREET) PER LOCAL SPECIFICATIONS	DEPRESSED CURB	INTEGRAL P.C.C. SIDEWALK CURB, 6"	P.C.C. SIDEWALK, 6"	STANDARD PAVEMENT	HMA SURFACE COURSE, 1 1/2"	HMA BINDER COURSE, 1 1/2"	AGG. BASE COURSE, TYPE B, 6"	HEAVY-DUTY PAVEMENT	P.C.C. PAVEMENT IF MAX JOINT (SPACING 12') AGG. BASE COURSE, TYPE B, 6"	PAVEMENT REPAIR FOR UTILITY CONNECTION	LAWN/TURF	SITE LIGHTING	END SECTION	STORM INLET	STORM MANHOLE	SANITARY MANHOLE	SEWER CLEAN OUT	GROUND CONTOUR	SILT FENCE	EROSION CONTROL MATTE	INLET PROTECTION	SEEDING AND MULCHING	DRAINAGE DIRECTION	ACCESSIBLE PATH	DETECTABLE WARNING STRIP	BOLLARD	FINISHED TOP OF WALK ELEV.	FINISHED PAVEMENT ELEV.	SHRUBS, GROUNDCOVERS, AND/OR GRASSES	GROUNDCOVERS AND LOW GRASSES	TREES
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A. INSPECTION AND MAINTENANCE SCHEDULE

1. SOIL EROSION AND SEDIMENT CONTROLS SHALL BE MAINTAINED BY THE CONTRACTOR AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND/OR WITHIN 24-HOURS OF THE END OF A STORM EVENT THAT IS 0.5-INCHES OR GREATER OR EQUIVALENT SNOWFALL. CONTRACTOR SHALL PERFORM VISUAL INSPECTIONS CONTINUOUSLY FOR DEWATERING/OVERSPILLS/BYPASS AND AT LEAST DAILY WHEN WORKING IN AND NEAR THE STREAM.

2. THE CONTRACTOR SHALL NOT TRACK OR SPILL DIRT CLUMPS ONTO ADJACENT PAVEMENT. AT A MINIMUM, THE CONTRACTOR SHALL PERFORM STREET AND/OR HAND SWEEPING AT THE END OF EACH DAY'S OPERATION. ADDITIONAL STREET CLEANING SHALL BE DONE AS NECESSARY.

3. STOCKPILES OF MATERIALS SHALL BE OUTSIDE OF FLOOD PRONE AREAS AND ADJACENT TRIBUTARY AREAS. ALL DISTURBED GRASS AREAS SHALL BE STABILIZED WITH TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AND PERMANENTLY STABILIZED UPON COMPLETION OF THE PROJECT.

ITEM NO.	PAY ITEM	UNIT	QUANTITY
1	CLEARING VEGETATION	L.S.	1
2	REMOVAL OF GABIONS AND SOIL BAGS	C.Y.	9
3	ROCK VANE, FURNISH AND INSTALL	TON	45
4	J-HOOK, FURNISH AND INSTALL	TON	60
5	STONE RIPRAP GRADATION RR4	S.Y.	253
6	COIR LOG	L.F.	77
7	BOULDERS	EACH	5
8	FURNISHED EXCAVATION	C.Y.	111
9	SANITARY PIPE REPAIR	L.S.	1
10	PIPE CONNECTION	L.S.	1
11	MOBILIZATION	L.S.	1
12	TEMP. EROSION AND SEDIMENT CONTROLS	L.S.	1
13	SEEDING	ACRE	0.2
14	PERENNIALS: PACHYSANDRA TER.	EACH	500
15	CONSTRUCTION LAYOUT	L.S.	1



Farnsworth GROUP
2211 WEST BRADLEY AVENUE
CHAMPAIGN, ILLINOIS 61821
(317) 352-7408 / info@f-w.com

www.f-w.com
Engineers | Architects | Surveyors | Scientists

#	DATE	DESCRIPTION
1	03/23/23	RE-DESIGN FOR ADDITIONAL SCOPING OF WORK AND REVISIONS
2	04/09/23	REMOVE UNNECESSARY STABILIZATION WORK

CONSTRUCTION SET

City of Urbana, Illinois

Boneyard Creek Segment 3 Bank Stabilization

DATE:	03/23/2023
DESIGNED:	EPJ
DRAWN:	GB/EM
REVIEWED:	EP/JAH
FIELD BOOK NO.:	---

GENERAL NOTES AND LEGENDS

C0.1

PROJECT NO.: 0220721.00



Farnsworth GROUP

2211 WEST BRADLEY AVENUE
CHAMPAIGN, ILLINOIS 61821
(217) 352-7408 / info@f-w.com

www.f-w.com
Engineers | Architects | Surveyors | Scientists

#	DATE	DESCRIPTION
1	03/23/2023	RE-DESIGN FOR ADDITIONAL SCOPE OF WORK AND REISSUE
2	04/09/23	REMOVE SANITARY STABILIZATION WALL

CONSTRUCTION SET

City Of Urbana, Illinois

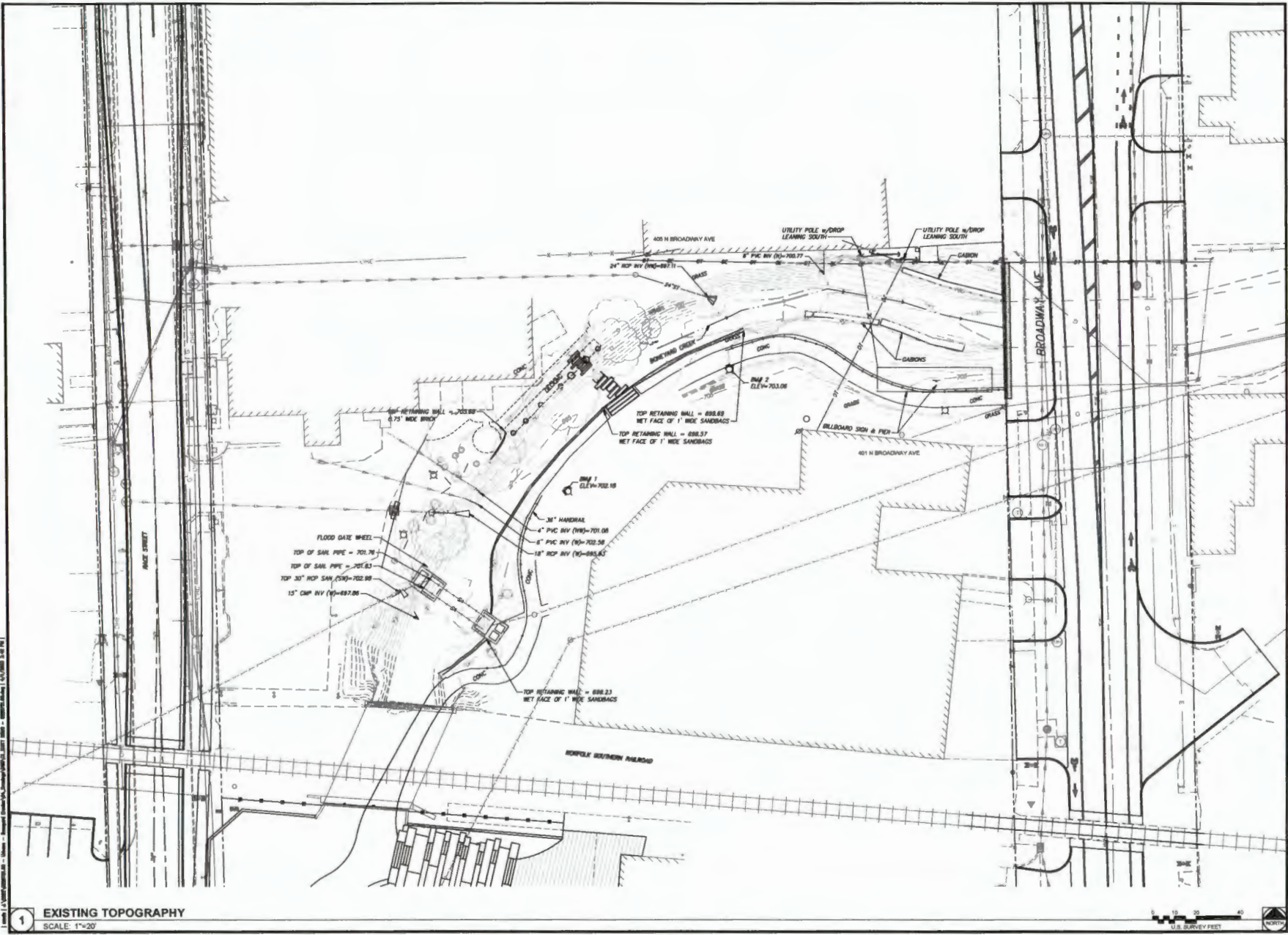
Boneyard Creek Segment 3 Bank Stabilization

DATE:	03/23/2023
DESIGNED:	EPJ
DRAWN:	GB/EM
REVIEWED:	EP/JAH
FIELD BOOK NO.:	

EXISTING TOPOGRAPHY

C1.0

PROJECT NO.: 0220721.00



1 EXISTING TOPOGRAPHY
SCALE: 1"=20'





Farnsworth
GROUP

22311 WEST BRADLEY AVENUE
CHAMPAIGN, ILLINOIS 61821
(317) 352-7408 / info@f-g.com

www.f-g.com
Engineers | Architects | Surveyors | Scientists

#	DATE	DESCRIPTION
1	03/23/23	RE-DESIGN FOR ADDITIONAL SCOPE OF WORK AND RE-BID
2	04/02/23	REMOVE SENSITIVE STABLED-FEED WORK

CONSTRUCTION SET

City of Urbana, Illinois

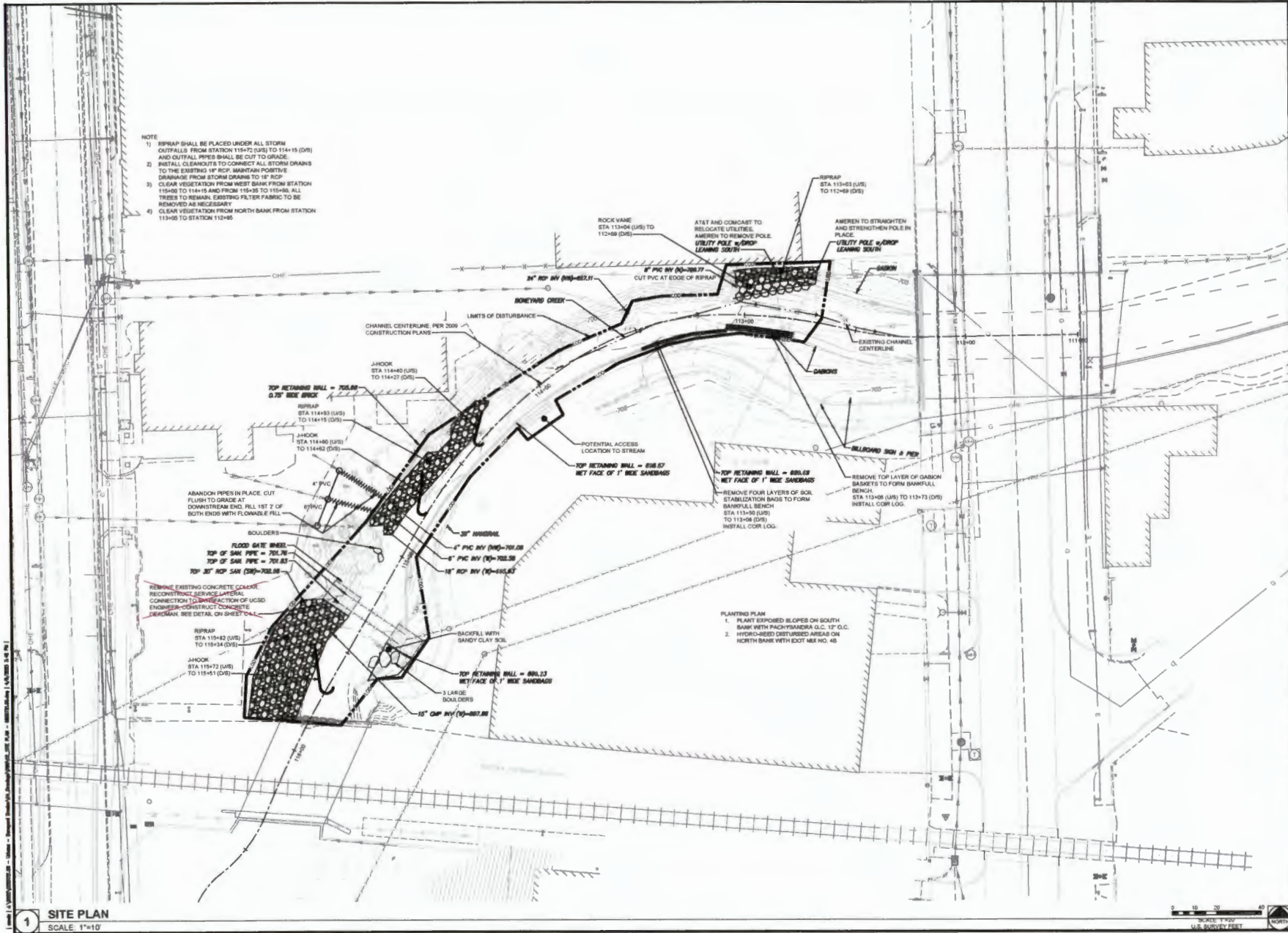
**Boneyard Creek
Segment 3 Bank
Stabilization**

DATE:	03/23/2023
DESIGNED:	EPJ
DRAWN:	GB/EM
REVIEWED:	EP/JAH
FIELD BOOK NO.:	—

SITE PLAN

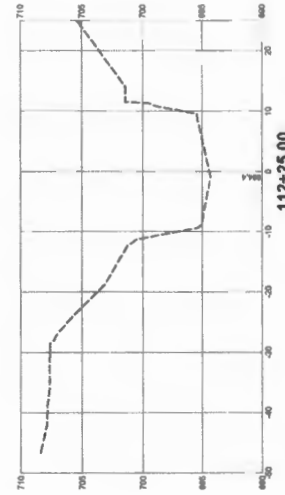
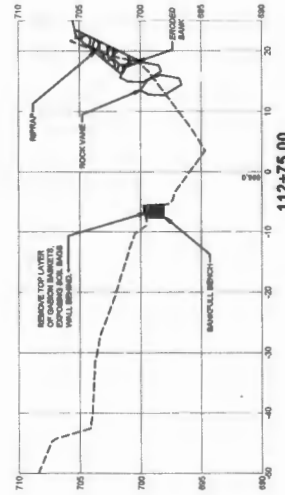
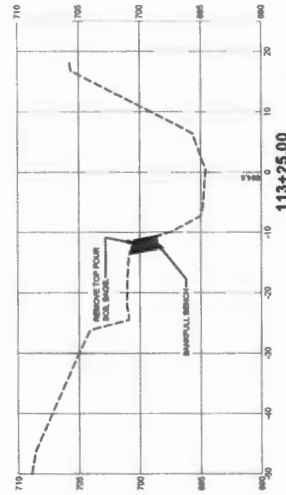
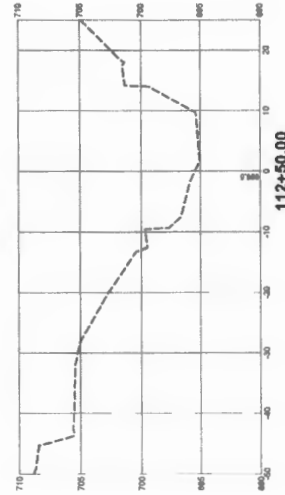
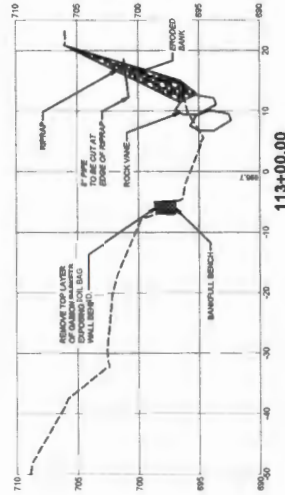
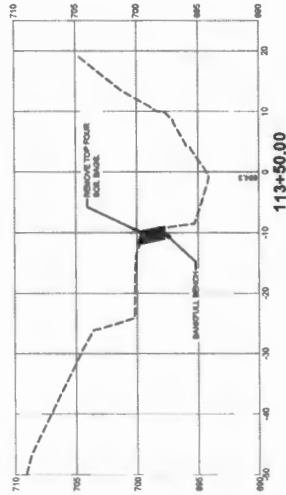
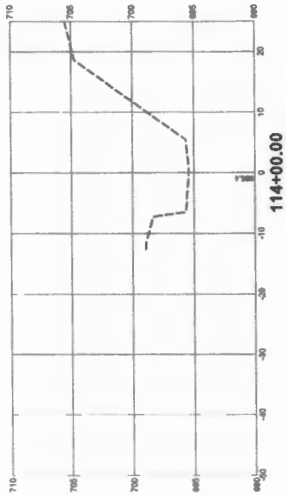
C2.0

PROJECT NO.: 0220721.00



NOTES

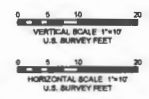
- CROSS SECTION BASE LINE IS FROM THE PROPOSED CHANNEL CENTERLINE, PER 2009 CONSTRUCTION PLANS



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#	DATE	DESCRIPTION
1		ISSUED FOR BIDDING FOR ADDITIONAL SCOPE OF WORK AND RE-BID
2		ISSUED TO REVISIONS TO STABLED FOR WORK



CONSTRUCTION SET

City Of Urbana, Illinois

**Honeyard Creek
Segment 3 Bank
Stabilization**

DATE	03/23/2023
DESIGN/DRAWN	EP/JGB
REVIEWED	EP/JAH
FIELD BOOK NO.	

CHANNEL CROSS SECTIONS

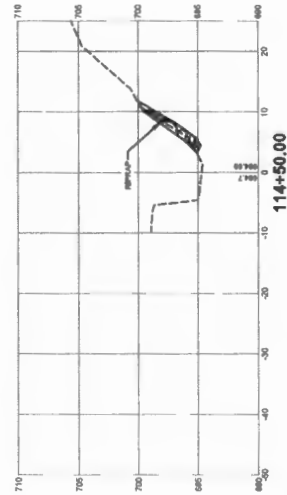
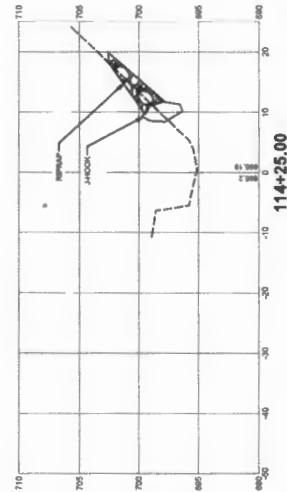
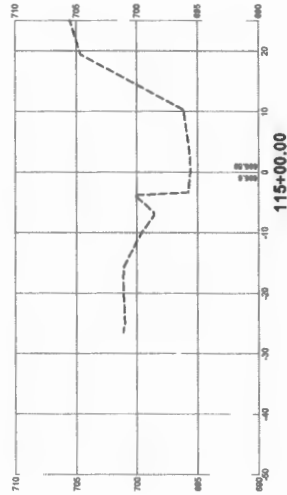
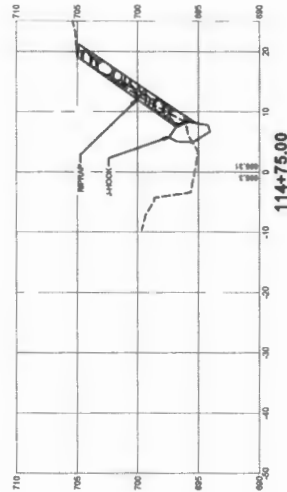
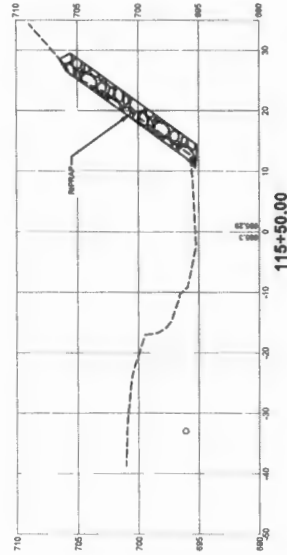
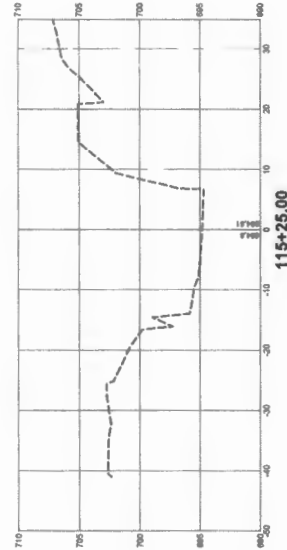
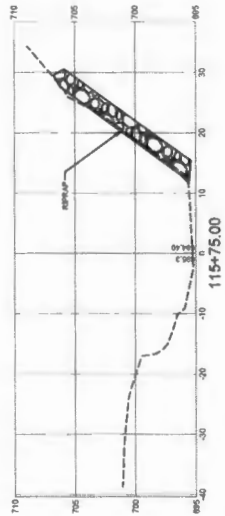
C3.0

PROJECT NO.: 0220721.00

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NOTES

- CROSS SECTION BASE LINE IS FROM THE PROPOSED CHANNEL CENTERLINE, PER 2020 CONSTRUCTION PLANS

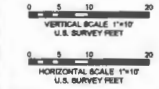


**Farnsworth
GROUP**

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#	DATE	DESCRIPTION
1	03/23/23	RE-DESIGN FOR AN ADDITIONAL FOOT OF MEAN AND RE-LOC
2	04/06/23	REMOVE SANITARY STABILIZATION WORK



CONSTRUCTION SET

City Of Urbana, Illinois

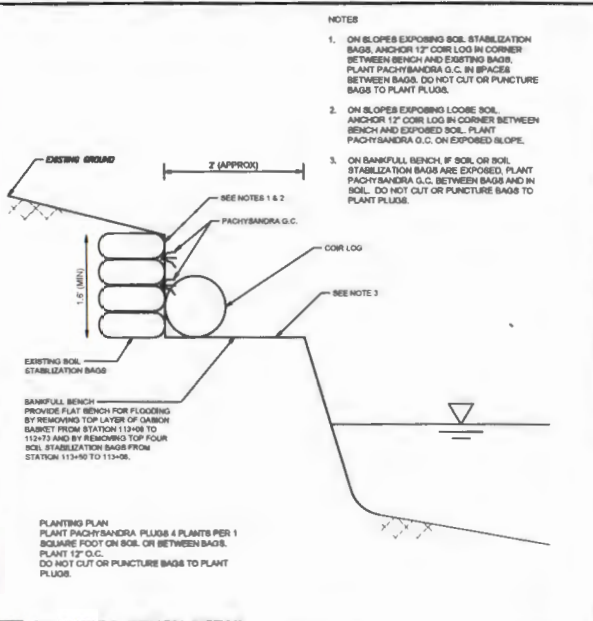
**Boneyard Creek
Segment 3 Bank
Stabilization**

DATE	03/23/2023
DESIGN/DRAWN	EP/JGB
REVIEWED	EP/JAH
FIELD BOOK NO.	-

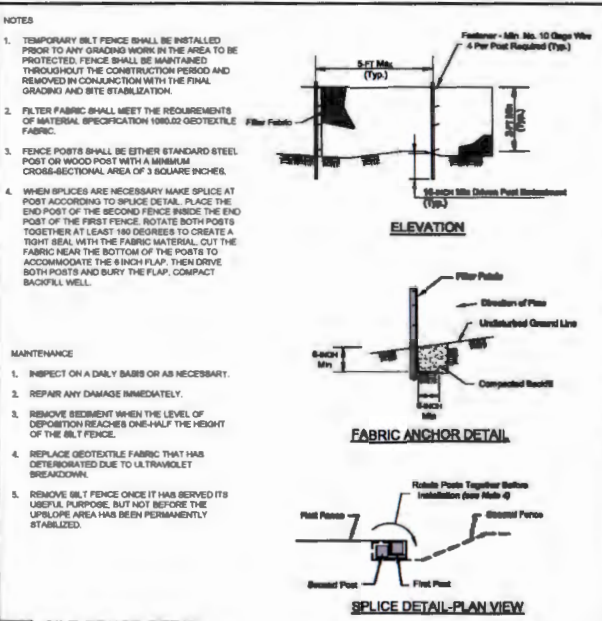
**CHANNEL CROSS
SECTIONS**

C3.1

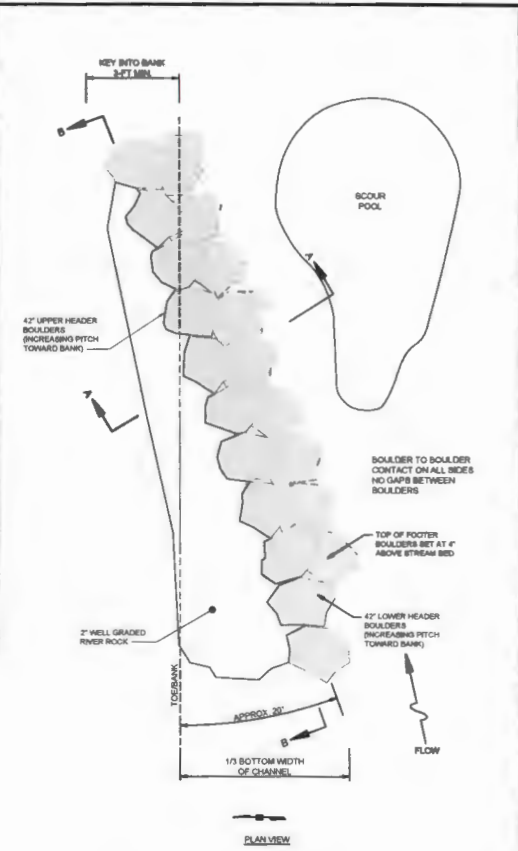
PROJECT NO.: 0220721.00



2 BANKFULL BENCH DETAIL
SCALE: NOT TO SCALE

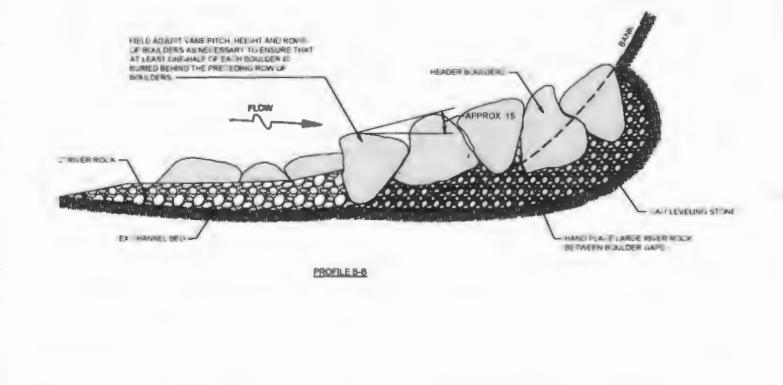


3 SILT FENCE DETAIL
SCALE: NOT TO SCALE



NOTES FOR ROCK VANE STRUCTURE

- FIELD MEASURE BOULDERS THAT HAVE ARRIVED ON-SITE AND ADJUST THE TRENCH DIMENSIONS ACCORDINGLY TO MEET THE PROPOSED GRADE AND PITCH OF THE ROCK VANE. BOULDER DIMENSION OF 42" IS MEASURED ALONG INTERMEDIATE AXIS. NUMBER OF BOULDERS WILL VARY DEPENDING UPON THEIR SIZE.
- CONTRACTOR MAY PERFORM THE WORK IN THE MANNER THEY SEE FIT, BY WORKING IN THE WET, SANDBAGGING THE ROCK VANE AREA, OR PUMPING THE STREAM AROUND THE WORK SITE.
- ANY STREAM BED AND SURROUNDING INFRASTRUCTURE DISTURBANCE MUST BE RESTORED TO PRE-CONSTRUCTION CONDITIONS.
- EXCAVATE TRENCH WIDE ENOUGH FOR ALL COURSES OF FOOTER AND HEADER BOULDERS. OVER-EXCAVATE TO PROVIDE A 4 INCH (MIN) COURSE OF RIVER ROCK/AGGREGATE BEDDING UNDER FOOTER BOULDERS TO ALLOW FOR GRADE ADJUSTMENT OF THE FOOTER BOULDERS AND TO DETER SETTLEMENT.
- START AT UPSTREAM END OF ROCK VANE, PLACING FOOTER (BOTTOM) BOULDERS FIRST AT SAME GRADE. ONCE FOOTER BOULDERS ARE COMPLETE, PLACE HEADER BOULDERS USING RIVER ROCK/AGGREGATE MIX AS A SETTING AND LEVELING COURSE. ENSURE THAT THERE IS BOULDER-TO-BOULDER CONTACT BETWEEN BOULDERS. ENSURE THAT ROCK VANE INCREASES IN ELEVATION AS IT EXTENDS FROM THE UPSTREAM END OF ROCK VANE INTO THE BANK.
- CONTINUE INSTALLING RIVER ROCK/AGGREGATE MIX AS A LEVELING STONE UNDER BOULDERS AND AS A CHOKER STONE BEHIND BOULDERS, EXTENDING TO THE TOP OF BOULDERS AND EXTENDING UPSTREAM OF THE BOULDERS (BETWEEN THE VANE ARM AND THE STREAM BANK). HAND PLACE LARGE RIVER ROCK BETWEEN BOULDERS TO FILL GAPS.



1 ROCK VANE DETAIL
SCALE: NOT TO SCALE

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#	DATE	DESCRIPTION
1	03/23/23	RE-DESIGN FOR ADDITIONAL SCOPE OF WORK AND RE-DO
2	04/09/23	REMOVE SANITARY STABILIZATION WORK

CONSTRUCTION SET

City of Urbana, Illinois

Boneyard Creek Segment 3 Bank Stabilization

DATE	03/23/2023
DESIGNED BY	EPJ
DRAWN BY	GBEM
REVIEWED BY	EPJ/AH
FIELD BOOK NO.:	

SITE DETAILS

C4.0

PROJECT NO.: 0220721.00



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#	DATE	DESCRIPTION
1	03/23/23	RE-DESIGN FOR ADDITIONAL SCOPE OF WORK AND RE-DESIGN REMOVE SANITARY STABILIZATION WORK.
2	04/06/23	REMOVE SANITARY STABILIZATION WORK.

CONSTRUCTION SET

City of Urbana, Illinois

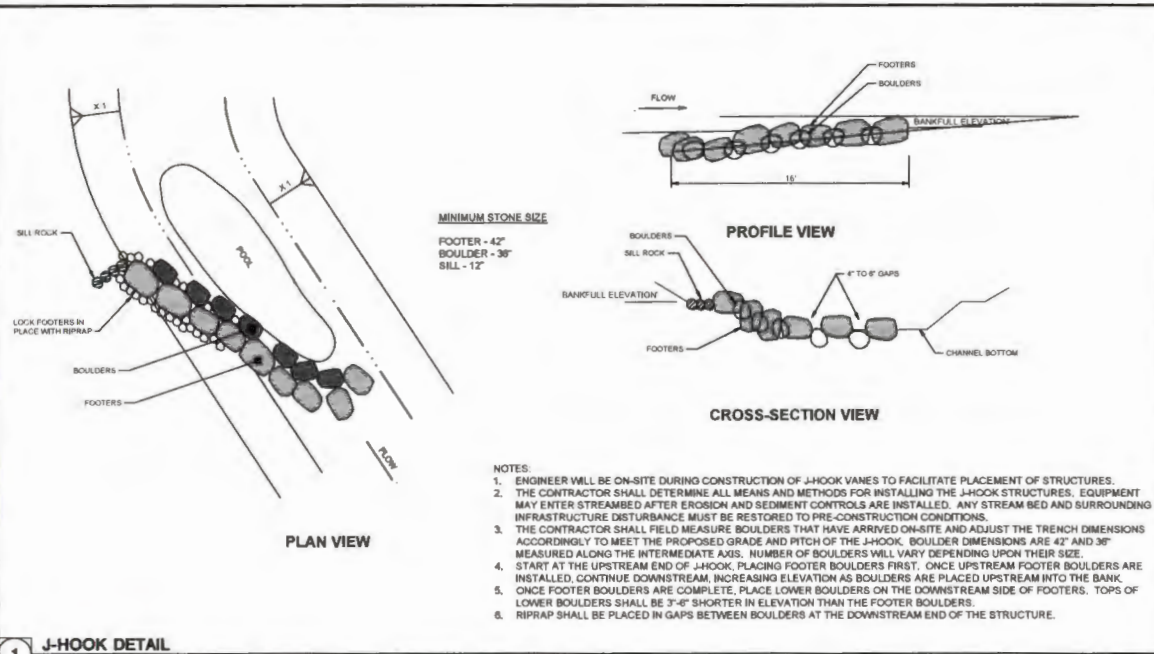
Boneyard Creek Segment 3 Bank Stabilization

DATE:	03/23/2023
DESIGNED:	EPJ
DRAWN:	GB/EM
REVIEWED:	EP/JAH
FIELD BOOK NO.	

SITE DETAILS

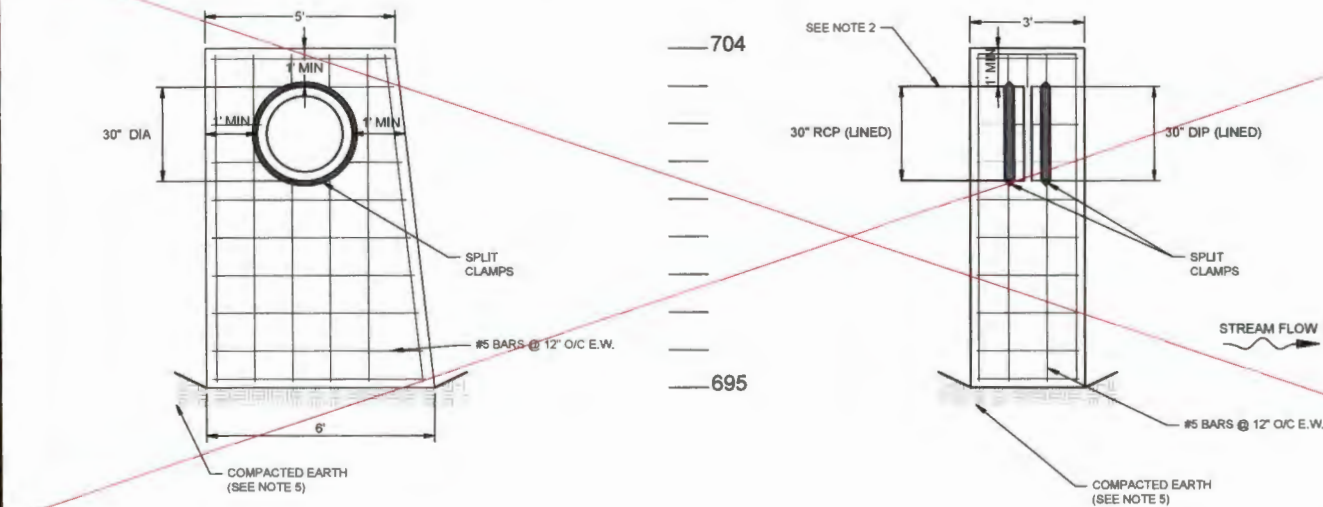
C4.1

PROJECT NO. 0220721.00



1 J-HOOK DETAIL

SCALE: NOT TO SCALE



2 DEADMAN DETAIL

SCALE: NOT TO SCALE

NOTES

- CONTRACTOR IS TO SUPPORT AND PROTECT THE EXISTING SEWER PIPE DURING EXCAVATION AND FABRICATION OF DEADMAN. SEWER WILL BE LIVE DURING CONSTRUCTION. BYPASS PUMPING IS NOT PART OF THE PROJECT.
- RECONSTRUCT SERVICE LATERAL CONNECTION TO SATISFACTION OF UCSD ENGINEER.
- INSTALL METAL BRIT CLAMPS ON EXISTING PIPE TO PROVIDE A BONDING SURFACE FOR POURED CONCRETE DEADMAN.
- CONCRETE SHALL BE CLASS 88 PER IDOT STANDARD SPECIFICATIONS.
- FOUNDATION EXCAVATION SHALL BE MONITORED BY A GEOTECHNICAL ENGINEER AT THE CONTRACTOR'S COST, TO CONFIRM THE STABILITY OF THE FOUNDATION SOILS. SHOULD THE IN SITU SOILS FAIL TO MEET 2000 PSF BEARING CAPACITY, REMEDIAL MEASURES SHALL BE TAKEN AND CONFIRMED WITH THE GEOTECHNICAL ENGINEER.

DATE PLOTTED: 03/23/2023 10:00 AM

City of Urbana, IL			Bidder #1: Duce Construction Company		Bidder #2: Cross Construction, Inc.		Bidder #3: SNC Construction		Engineer's Estimate	
Boneyard Creek Segment 3 Bank Stabilization - 0220721.00										
LETTING: Friday, April 14, 2023 2:00 p.m. CST										
FARNSWORTH GROUP, INC. 2709 McGraw Drive Bloomington, IL 61704										
Quantity	Unit	Item Description	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	LS	Clearing Vegetation	\$ 55,000.00	\$ 55,000.00	\$ 9,350.00	\$ 9,350.00	\$ 10,608.00	\$ 10,608.00	\$ 30,000.00	\$ 30,000.00
9	CY	REM Gabions, Soil Bag	\$ 1,104.00	\$ 9,936.00	\$ 935.00	\$ 8,415.00	\$ 589.33	\$ 5,303.97	\$ 1,000.00	\$ 9,000.00
45	TON	Rock Vane, Furn. & Instal	\$ 1,490.00	\$ 67,050.00	\$ 660.00	\$ 29,700.00	\$ 514.85	\$ 23,168.25	\$ 2,000.00	\$ 90,000.00
60	TON	J-Hook, Furnish & Instal	\$ 1,650.00	\$ 99,000.00	\$ 1,650.00	\$ 99,000.00	\$ 703.35	\$ 42,201.00	\$ 1,500.00	\$ 90,000.00
253	SY	RipRap, RR4	\$ 420.00	\$ 106,260.00	\$ 104.50	\$ 26,438.50	\$ 270.29	\$ 68,383.37	\$ 400.00	\$ 101,200.00
77	LF	Coir Log	\$ 117.00	\$ 9,009.00	\$ 55.00	\$ 4,235.00	\$ 48.47	\$ 3,732.19	\$ 100.00	\$ 7,700.00
5	EACH	Boulders	\$ 1,600.00	\$ 8,000.00	\$ 3,850.00	\$ 19,250.00	\$ 2,299.92	\$ 11,499.60	\$ 800.00	\$ 4,000.00
111	C.Y.	Furnished Excavation	\$ 85.00	\$ 9,435.00	\$ 165.00	\$ 18,315.00	\$ 297.30	\$ 33,000.30	\$ 50.00	\$ 5,550.00
1	L.S.	Sanitary Pipe Repair		\$ _____		\$ _____		\$ _____		\$ _____
1	L.S.	Pipe Connection	\$ 7,000.00	\$ 7,000.00	\$ 21,450.00	\$ 21,450.00	\$ 7,104.00	\$ 7,104.00	\$ 3,000.00	\$ 3,000.00
1	LS	Mobilization	\$ 140,000.00	\$ 140,000.00	\$ 16,500.00	\$ 16,500.00	\$ 21,600.00	\$ 21,600.00	\$ 65,000.00	\$ 65,000.00
1	LS	Tem Erosion Controls	\$ 7,000.00	\$ 7,000.00	\$ 8,250.00	\$ 8,250.00	\$ 13,800.00	\$ 13,800.00	\$ 10,000.00	\$ 10,000.00
0.2	ACRE	Seeding	\$ 30,000.00	\$ 6,000.00	\$ 35,200.00	\$ 7,040.00	\$ 40,020.00	\$ 8,004.00	\$ 50,000.00	\$ 10,000.00
500	Each	Perennials: Pachysandr	\$ 17.00	\$ 8,500.00	\$ 16.50	\$ 8,250.00	\$ 16.00	\$ 8,000.00	\$ 15.00	\$ 7,500.00
1	LS	Construction Layout	\$ 6,500.00	\$ 6,500.00	\$ 15,400.00	\$ 15,400.00	\$ 1,800.00	\$ 1,800.00	\$ 5,000.00	\$ 5,000.00
TOTAL BASE BID =				\$ 538,690.00		\$ 291,593.50		\$ 258,204.68		\$ 437,950.00

Owners: City of Urbana (CITY)
Urbana-Champaign Sanitary District (UCSD)

Project: Boneyard Creek Segment 3 Bank Stabilization
Section: 22-00643-00-BR
Letting Date: 4/14/2023

ITEM NO.	ITEM	UNIT	PLAN QUANTITY			UNIT PRICE	TOTAL COST		
			CITY	UCSD	TOTAL		CITY	UCSD	TOTAL
1	CLEARING VEGETATION	L SUM	1	0	1	\$ 10,608.00	\$ 10,608.00	\$ -	\$ 10,608.00
2	REMOVAL OF GABIONS AND SOIL BAGS	CU YD	9	0	9	\$ 589.33	\$ 5,303.97	\$ -	\$ 5,303.97
3	ROCK VANE, FURNISH AND INSTALL	TON	45	0	45	\$ 514.85	\$ 23,168.25	\$ -	\$ 23,168.25
4	J-HOOK, FURNISH AND INSTALL	TON	40	20	60	\$ 703.35	\$ 28,134.00	\$ 14,067.00	\$ 42,201.00
5	STONE RIPRAP GRADATION RR4	SQ YD	173	80	253	\$ 270.29	\$ 46,760.17	\$ 21,623.20	\$ 68,383.37
6	COIR LOG	FOOT	77	0	77	\$ 48.47	\$ 3,732.19	\$ -	\$ 3,732.19
7	BOULDERS	EACH	2	3	5	\$ 2,299.92	\$ 4,599.84	\$ 6,899.76	\$ 11,499.60
8	FURNISHED EXCAVATION	CU YD	0	111	111	\$ 297.30	\$ -	\$ 33,000.30	\$ 33,000.30
9	SANITARY PIPE REPAIR	L SUM	0	1	1				
10	PIPE CONNECTION	L SUM	1	0	1	\$ 7,104.00	\$ 7,104.00	\$ -	\$ 7,104.00
11	MOBILIZATION	L SUM	0.67	0.33	1	\$ 21,600.00	\$ 14,472.00	\$ 7,128.00	\$ 21,600.00
12	TEMPORARY EROSION AND SEDIMENT CONTROLS	L SUM	0.5	0.5	1	\$ 13,800.00	\$ 6,900.00	\$ 6,900.00	\$ 13,800.00
13	SEEDING	ACRE	0.2	0	0.2	\$ 40,020.00	\$ 8,004.00	\$ -	\$ 8,004.00
14	PERENNIALS: PACHYSANDRA TER.	EACH	500	0	500	\$ 16.00	\$ 8,000.00	\$ -	\$ 8,000.00
15	CONSTRUCTION LAYOUT	L SUM	0.5	0.5	1	\$ 1,800.00	\$ 900.00	\$ 900.00	\$ 1,800.00
TOTAL							\$ 167,686.42	\$ 90,518.26	\$ 258,204.68

NOTES:

Pay item 9 "Sanitary Pipe Repair" was removed with Addendum 01.