City of Cleveland
Justin M. Bibb, Mayor

Department of Finance
Division of Purchases & Supplies
601 Lakeside Avenue, Room 128
Cleveland, Ohio 44114-1080
216/664-2620 • Fax: 216/664-2177
www.cleveland-oh.gov

November 6, 2026

ADDENDUM 2

BID TITLE: File No.113-26 Kirtland Crib Rehabilitation Re-Bid

BID DUE: Wednesday, November 25, 2026 at 12 o'clock noon (Eastern Time)

Attention Bidders:

We have been requested to issue the addendum for the following:

Please ensure that a copy of this addendum is included and returned with the bid specifications furnished to you by this office, as it will have the same force and effect as if it were part of the specifications originally issued.

1. Extend the bid opening date to November 25, 2026.
2. Extend the last day for questions to November 16, 2026
3. Make changes to the specifications.
4. Answer questions received.

If you have any questions regarding the attached, please contact Jules Gilliam at jgilliam@clevelandohio.gov. Thank you for your prompt attention and assistance in this matter. Also, please ensure that copy of this addendum is included and returned with the bid specifications furnished to you by this office, as it will have the same force and effect as if it were part of the specifications originally issued.

Signature of Potential Bidder & Name of Company _____ Today's Date _____

Thank you,
Donia Patterson, Assistant Administrator
Purchases & Supplies
CC:

KIRTLAND CRIB REHABILITATION RE-BID – FILE NO. 113-36

ADDENDUM NO. 2

The revised bid due date is November 25, 2026, and bids must be date stamped by 11:59 a.m. that day.

The last day for questions is November 16, 2026 by 12:00 p.m.

Changes to Part D – Detail Specifications:

1. Section 40 61 26 - Process Control Systems Training, Page 40 61 26-3: delete Paragraph 3.2.A in its entirety including the table and renumber subsequent paragraphs accordingly.

2. Section 40 61 26 - Process Control System Training, Page 40 61 26-4, Paragraph 3.2.B: delete "Each training session shall be a maximum of 8 hours in duration" and replace with "A total of 8 hours of training shall be provided for the Process Controls System and instrumentation".

3. Section 40 68 66 - Process Control System Configuration Of Controller Software, Page 40 68 66-5, Paragraph 2.2.A.4: delete "Rockwell Software Studio 5000®" and replace with "RSLogix 500".

Changes to the Contract Drawings: The work on these sheets must be included in the gross price bid.

1. Sheet M-6, Solenoid Valve Schedule: delete "STAINLESS STEEL" for the Type B material and replace with "BRASS".

2. Sheet S-17: insert Repair Sketch S1 and Repair Sketch S2 as Detail C.

3. Sheet S-17: insert Repair Sketch S3 as Detail D.

4. Sheet S-17: insert Repair Sketch S4 as Detail E.

5. Sheet S-17: insert Repair Sketch S5 as Detail F.

Answers to questions received:

1. Can pro-stress stainless steel fittings be utilized for the compressed air lines to the gates?

   Answer: No. Stainless steel pipe and fittings shall be welded, Type 316L, Schedule 40s as specified.

2. Is the contractor to include costs for dredging to install the inlet gates? Or will the general contingency cover this if needed as a quantity cannot be identified at this time?

   Answer: Assume the crib is dredged and free of sediment to perform inlet install.

3. Can drawings and weight of the mast be provided.

   Answer: CWD has no record of the mast.

4. Spec Section 40 68 66 indicates that the contractor is to supply the Application Programmer with the development software for both the PLC and the OIT. Please confirm.

   Answer: Intent is for the Control System Supplier to also be the application programmer.

5. Spec Section 40 68 66, Paragraph 2.2.A.4 requires Rockwell Software Studio 5000. This is not compatible wit the PLC specified in 40 63 43, Paragraph 2.4.A.12.a, Allen Bradley model 1766-L32AWWA. Please advise.

   Answer: Software shall be RSLogix 500 as required to match the specified PLC. See specification modifications noted above.

6. Spec Section 40 68 66, please confirm that Application Programmer are responsible for PLC Programming and OIT application development and that is outside of this contract.

   Answer: Intent is for the Control System Supplier to also be the application programmer. Both are included in this contract.

7. Spec Section 40 61 26, Paragraph 3.2.A. Table:
   a. The PLC/OIT Training that is to be conducted by Rockwell. Does the City want the training for the specified Rockwell Software Studio 5000 or the RS Logix that is required for the specified Controller? This training would seem excessive if the city is not doing the application development themselves.
   b. Operator Control System Training and PLC/OIT Training says to be conducted by the Control System Supplier but would this not be by the Application Programmer if they are developing the controls programming and OIT graphics?

   Answer: The process controls and instrumentation training requirements have been reduced. See specification modifications noted above.

8. Are all solenoid valves for the compressed air system to be stainless steel bodies? The model listed for valve type b has a brass body.

   Answer: Solenoid Valve Type B shall be brass. See drawing modification noted above.

9. Table of contents for this project list a specification #10 81 13 Bird Control Devices. This section is not provided in the bid document. Please provide this section so that we can understand the requirement of this scope of work.

   Answer: This section is needed for the scope of work. It was listed in the Table of Contents in error.

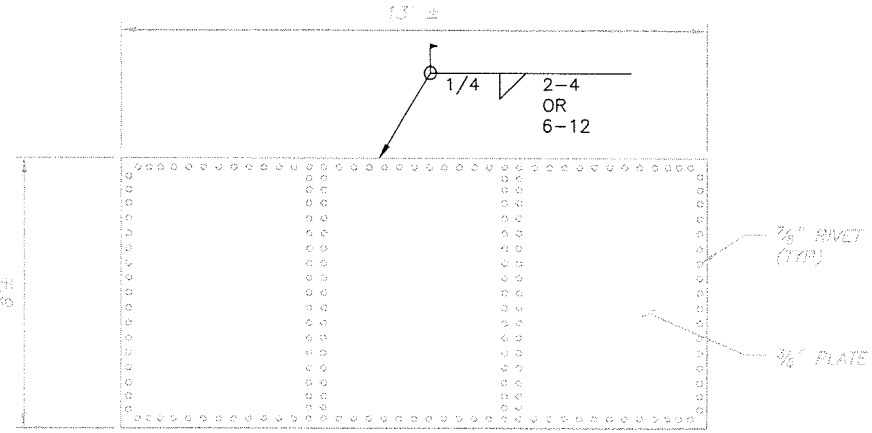
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A. MISCELLANEOUS METALS NOTES:

1. MATERIALS:
   a. ELECTRODES FOR WELDING NEW STEEL TO EXISTING STEEL SHALL BE DETERMINED IN ACCORDANCE WITH THE TESTING REQUIREMENTS OUTLINED IN NOTE B.

B. FIELD WELDING TO EXISTING STEEL STRUCTURES:

1. THE EXISTING STEEL USED IN THE CRIB IS LIKELY FROM THE LATE 1890'S TO EARLY 1900'S ERA. PRIOR TO WELDING TO THE EXISTING STEEL, THE WELDABILITY OF THE EXISTING STEEL MUST BE VERIFIED. TO VERIFY THE WELDABILITY, THE CONTRACTOR SHALL RETAIN A QUALIFIED INDEPENDENT TESTING AGENCY TO TEST THE EXISTING STEEL.
2. ALL EXISTING STEEL TESTED BY THE INDEPENDENT TESTING AGENCY SHALL BE CHEMICALLY TESTED FOR CARBON CONTENT AND OTHER ELEMENTS IN ORDER TO OBTAIN A CARBON EQUIVALENT VALUE. THE INDEPENDENT LABORATORY SHALL SUBMIT A REPORT LISTING THE QUANTITIES OF THE OTHER ELEMENTS FOUND IN THE STEEL SPECIMEN AS A PERCENTAGE. THE OTHER ELEMENTS REQUIRED IN THE REPORT INCLUDE: CARBON (C), MANGANESE (MN), CHROMIUM (CR), MOLYBDENUM (MO), VANADIUM (V), NICKEL (NI), COPPER (CU), AND SILICON (SI). THE PERCENTAGE OF EACH ELEMENT SHALL BE INDICATED IN THE REPORT EVEN IF THE PERCENTAGE IS ZERO.
3. THE TEST SAMPLES MAY ONLY BE TAKEN FROM AN EXISTING WALL PLATE OF THE INNER WELL. COORDINATE THE SIZE OF THE SAMPLE REQUIRED WITH THE TESTING AGENCY. LOCATE SAMPLES AT LEAST 12" AWAY FROM ANY EXISTING RIVET. TAKE THE SAMPLE IN AN AREA OF THE WALL PLATE THAT HAS MINIMAL CORROSION. PRIOR TO REMOVAL OF ANY TEST SAMPLE, SUBMIT A SKETCH OF THE PROPOSED SIZE AND LOCATION OF THE TEST SAMPLES FOR REVIEW AND APPROVAL. PROVIDE PHOTOGRAPHS OF THE FRONT AND BACK SURFACES OF THE TEST SAMPLE.
4. DO NOT REMOVE TEST SAMPLES FROM ANY EXISTING BEAMS OR BRACKETS.
5. SUBMIT THE INDEPENDENT TESTING AGENCY'S LABORATORY REPORT TO THE ENGINEER FOR REVIEW.
6. DO NOT COMMENCE WELDING UNTIL THE TESTING AGENCY DETERMINES IF THE EXISTING STEEL IS WELDABLE AND DEFINES ANY SPECIFIC REQUIREMENTS, INCLUDING THE PROPER ELECTRODES AND HEATING, FOR WELDING TO THE EXISTING STEEL. THE TESTING AGENCY SHALL BASE THEIR PROCEDURES AND RECOMMENDATIONS ON THE GUIDELINES OF THE AWS STRUCTURAL WELDING CODE (AWS), LATEST EDITION.



NOTE:

1. TYPICAL SHELL PLATE SHOWN, SIMILAR FOR OTHER PLATE SIZES IN THE OUTER AND INNER SHELLS.

TYPICAL SHELL PLATE

ELEVATION

NTS

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	ESTIMATED LENGTH TO BE WELDED			
	OUTER SHELL		INNER SHELL	
PLATE COURSE	No. PLATES	TOTAL PERIMETER	No. PLATES	TOTAL PERIMETER
11	24	912'	12	456'
10	24	912'	12	456'
9	(A)	312'	12	456'
8	–	0	12	456'
7	(A)	312'	12	456'
6	24	912' (D)	12	456' (D)
5	24	912'	12	456'
4	24	912' (D)	12	456' (D)
3	(B)	0	12	456'
2	(B)	0	12	456'
1	(B)	0	12 (C)	300'
	TOTAL	5184'	TOTAL	4860'

NOTES:

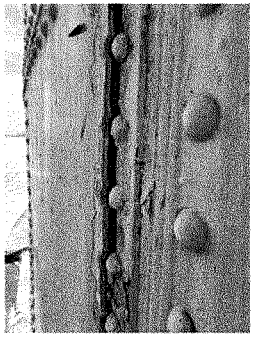
(A) CRIB BELT BLOCKS ALL OR SOME OF THE PLATES.
(B) RIP-RAP BLOCKS THESE PLATES.
(C) BOTTOM OF THIS PLATE RING IS BOLTED TO TIMBER BASE. WELD NOT REQUIRED.
(D) PERIMETER LISTED IS CONSERVATIVE. DOES NOT CONSIDER LESS WELDING MAY BE REQUIRED AT THE 12 INLET PORTS.

WALL PLATE SIZES		
LOCATION	SIZE	PERIMETER
OUTER SHELL	13'x6'	38'
INNER SHELL	13'x6'	38'

CDM Smith

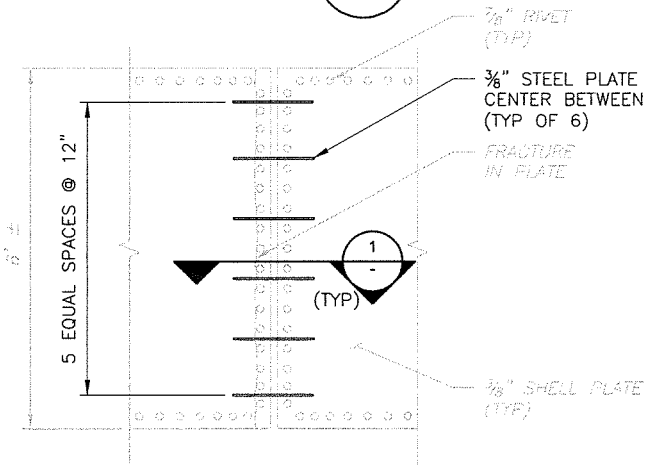
REPAIR SKETCH S2
ESTIMATED SHELL PLATE WELDING QUANTITIES
NOV 2026

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FRACTURED SHELL PLATE

PHOTO A
NTS –

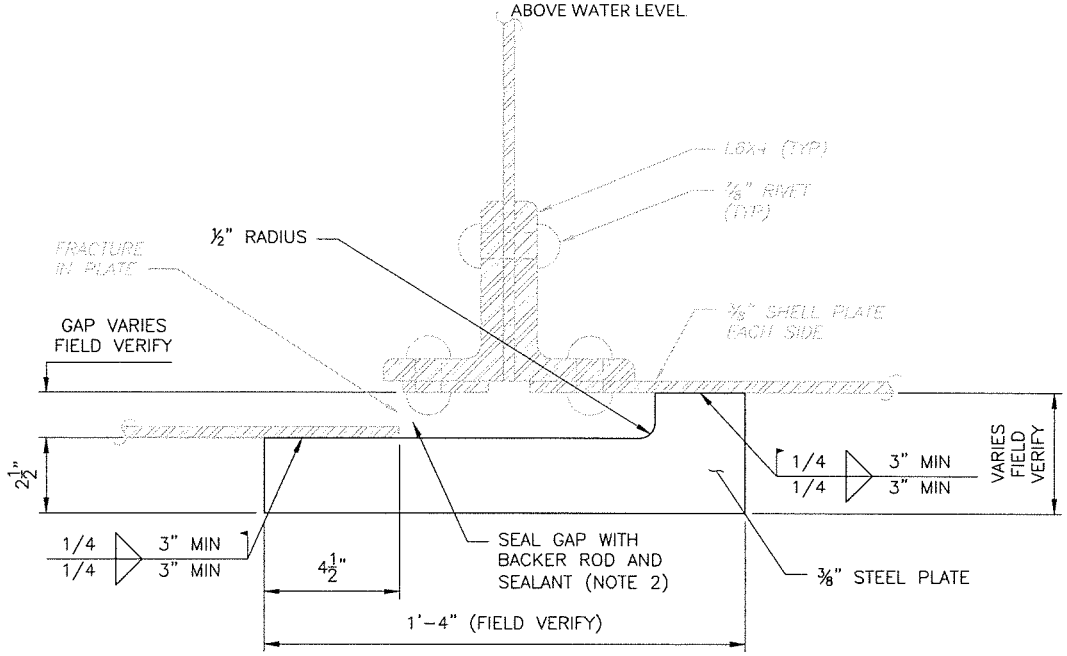


FRACTURED SHELL PLATE

ELEVATION
NTS

NOTES:

1. SEE NOTES ON REPAIR SKETCH S1.
2. SEALANT: CARBOLINE SPLASH ZONE A–788. PROVIDE HARD BACKING PER MANUFACTURE'S RECOMMENDATIONS. PROVIDE ½" MINIMUM SEALANT THICKNESS.
3. DETAIL IS TYPICAL FOR ONE LOCATION, OUTER SHELL PLATES, ABOVE WATER LEVEL.



SECTION 1
NTS –

CDM Smith

Addendum No. 2 - File No. 113-26 - Kirtland Crib Rehabilitation Re-Bid

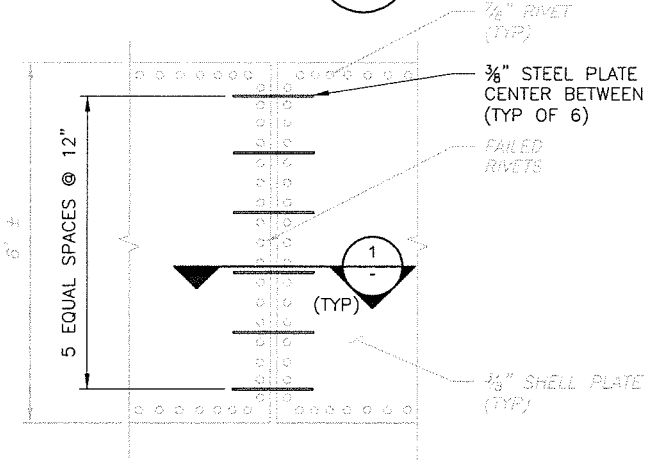
REPAIR SKETCH S3
SHELL PLATE FRACTURE
NOV 2026

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RUPTURED RIVETS

PHOTO A
NTS –

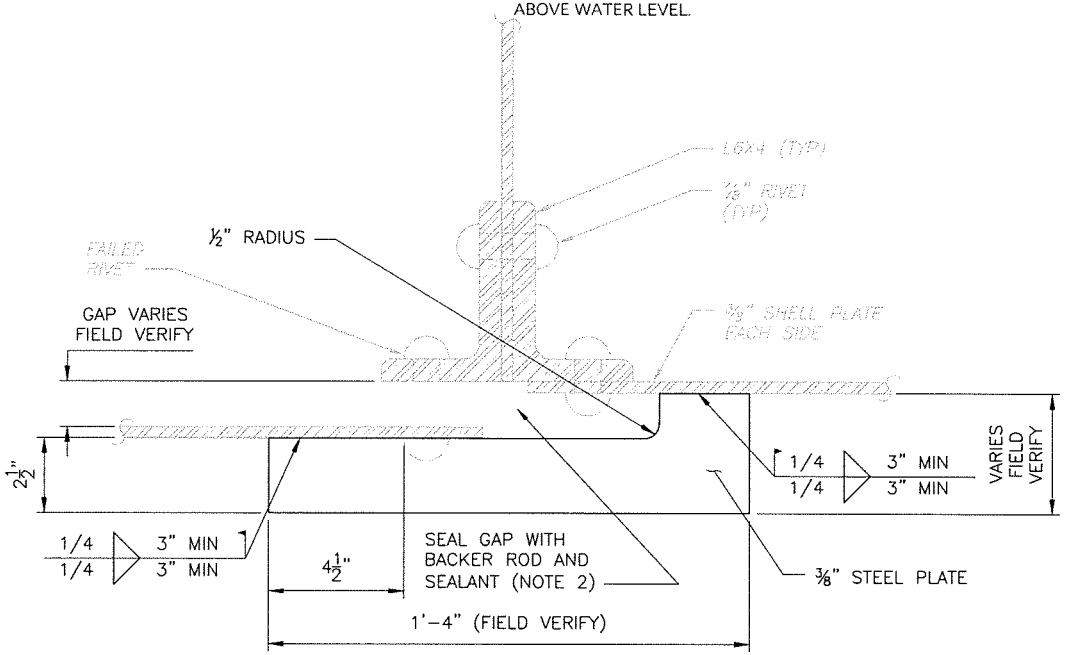


RUPTURED RIVETS

ELEVATION
NTS

NOTES:

1. SEE NOTES ON REPAIR SKETCH S1.
2. SEALANT:CARBOLINE SPLASH ZONE A–788. PROVIDE HARD BACKING PER MANUFACTURE'S RECOMMENDATIONS. PROVIDE ½" MINIMUM SEALANT THICKNESS.
3. DETAIL IS TYPICAL FOR ONE LOCATION, OUTER SHELL PLATES, ABOVE WATER LEVEL.



SECTION 1
NTS –

CDM Smith

Addendum No. 2 - File No. 113-26 - Kirtland Crib Rehabilitation Re-Bid

REPAIR SKETCH S4
RIVET RUPTURE WITH SHELL PLATE DISPLACEMENT
NOV 2026

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NOTES:

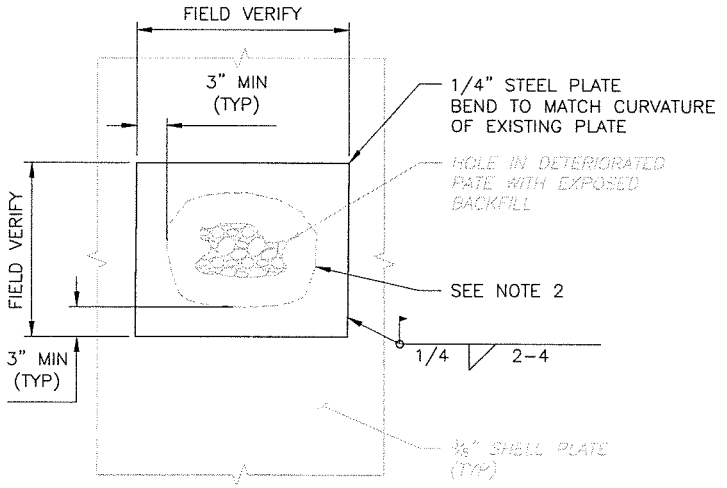
1. SEE NOTES ON REPAIR SKETCH S1.
2. FIELD VERIFY PLATE THICKNESS TO DETERMINE THE EXTENTS OF WHERE THE PLATE THICKNESS IS EQUAL TO OR GREATER THAN ¼". USE THIS BOUNDARY TO ESTABLISH THE SIZE OF THE REPAIR PLATE.
3. DETAIL IS TYPICAL FOR ONE LOCATION, INNER SHELL PLATES.



DETERIORATED SHELL PLATE

PHOTO A

NTS –



DETERIORATED SHELL PLATE

ELEVATION

NTS