

INGHAM WETLAND COMPLEX
SHORELINE ARMORING
EMMET COUNTY, IOWA
PROJECT NUMBER: 19-01-32-02

April 22, 2022

This Addendum is issued to modify, explain or correct the original Drawings and Specifications, and is hereby made a part of the Contract Documents. Please attach this Addendum to the Project Manual in your possession. Insert the number and issue date of this Addendum in the blank space provided on the Proposal Form.

Plans:

SHEET B.01

- A. "TOP OF FIELDSTONE" has been changed to "TOP OF CLASS "E" FIELDSTONE REVETMENT". Upper right portion of sheet.
- B. "CLASS "E" FIELDSTONE REVETMENT" has been added. Middle left portion of sheet.
- C. "1850" has been changed to "2500". Lower right portion of sheet.

Sheet B.01 has been superseded by the attached Sheet B.01. 1 page.

SHEET C.01

ESTIMATED PROJECT QUANTITIES

- A. The description for ITEM NO. 2 has been changed from "FIELDSTONE" to "FIELDSTONE, CLASS "E" REVETMENT".

ESTIMATE REFERENCE INFORMATION

- A. ITEM 1B. "and consolidate as directed by the DNR Field Engineer.", has been added.
- B. ITEM 2A – has been changed to: Stone shall be IDOT Class "E" Fieldstone Revetment (Section 4130.02 of the standard specifications). Due to the irregularity of fieldstone, the intent is to meet the gradation of Class "E" as best possible. Slight variations will be accepted as approve by the DNR Field Engineer. Contact the Field Engineer in advance of construction for inspection of stockpiles that are of questionable gradation.
- C. ITEM 2B – has been changed to: Quantities based on the average dimensions of 2-foot X 10-foot X 2500-foot
- D. ITEM 2C – has been changed to: The length of slope to be armored varies greatly along the project; as much as 3' – 10'.
- E. ITEM 2D – has been changed to: The intent is to armor the eroded areas of shoreline as well as areas where existing revetment is thin.

Sheet C.01 has been superseded by the attached Sheet C.01. 1 page.

SHEET D.02

IN QUANTITIES AND LOCATION TABLE

- A. "Fieldstone" has been changed to "Fieldstone, Class "E"

Sheet D.02 has been superseded by the attached Sheet D.02. 1 page.

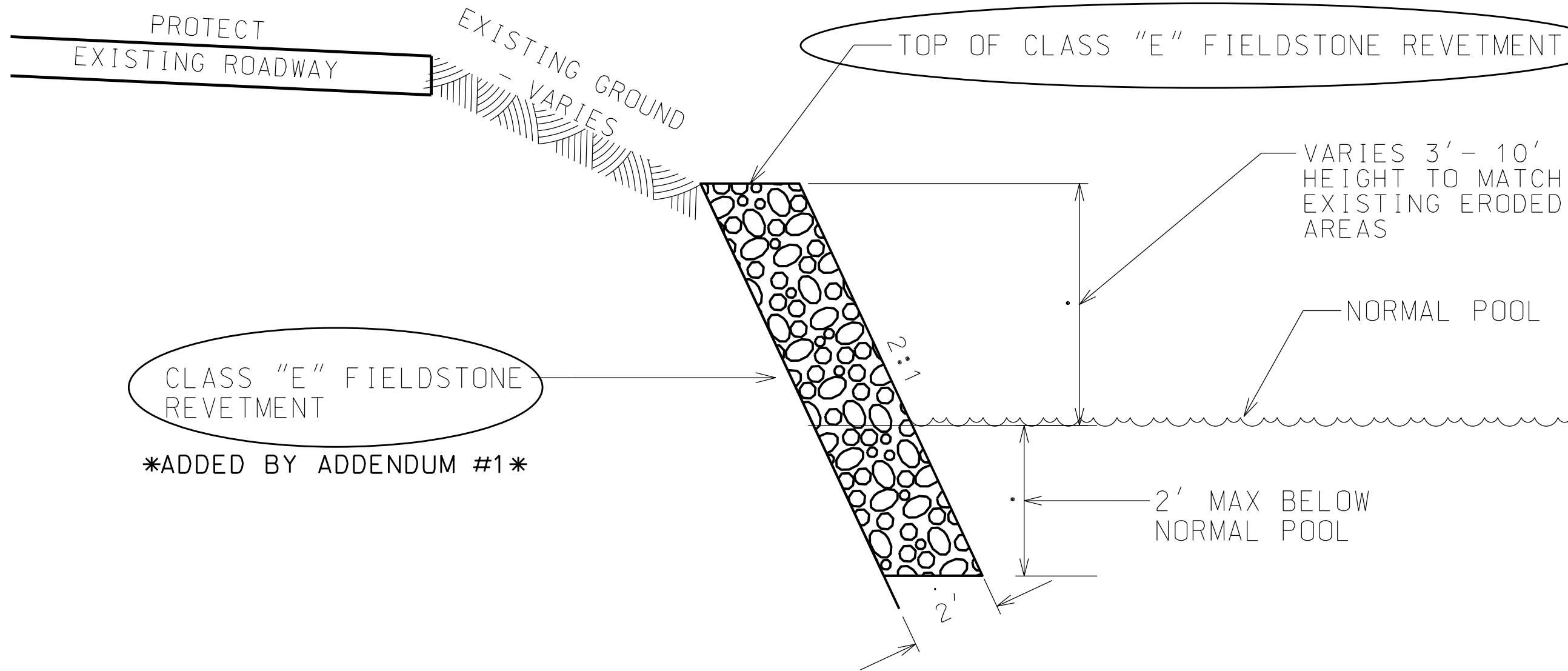
Specifications:

PROPOSAL – PAGE 00300-2

- A. ITEM NO. 2 DESCRIPTION, has change from “2507 – FIELDSTONE”, to “2507 – FIELDSTONE, CLASS “E” REVETMENT”.
- B. “ADDENDUM NO. 1”, and “04/22/2022” has been added to the addenda acknowledgement box.

Proposal, page 00300-2 has been superseded by the attached page 00300-2. 1 page.

CHANGED BY ADDENDUM #1



SHORELINE ARMORING DETAIL

NOT TO SCALE

CHANGED BY ADDENDUM #1

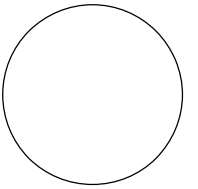
Note:

The contractor shall flush cut all unwanted vegetation and trees along the length of the project (STA 2+50 to 40+00). The IDNR has marked/flagged the trees that are to remain and be protected. All others shall be cut and moved to the indicated brush pile area for future disposal.

Following the cutting of vegetation, all stumps shall be treated with Garlon 3A (or approved equal) herbicide to prevent regrowth.

Rock placement is not continuous along the length of the project, only areas with current erosion and cut banks will be stabilized. The anticipated length of armoring is approximately 2500 LF out of the +/-4,000 LF of shoreline indicated on plans. The DNR Field Engineer will mark all start and stop points following tree removal.

CONSULTANT:



IOWA DEPARTMENT OF
NATURAL RESOURCES

ENGINEERING SERVICES - WALLACE BUILDING
502 E. 9TH ST., DES MOINES, IA 50319-0034



TYPICAL CROSS SECTIONS AND DETAILS

SHORELINE ARMORING FOR:

INGHAM-HIGH WETLAND WMA

EMMET COUNTY

NO. BY DATE REVISION

DRAWN BY: PROJECT NUMBER:
BLF 19-01-32-02

CHK'D BY: DATE:
DEC 2021

SHEET NO.:

B.01

ESTIMATED PROJECT QUANTITIES

ITEM NO.	ITEM	UNIT	TOTAL
1	CLEARING	LS	1
2	FIELDSTONE CLASS "E" REVETMENT	TON	3630
3	TRAFFIC CONTROL	LS	1
4	MOBILIZATION	LS	1

***ADDED BY
ADDENDUM #1***

ESTIMATE REFERENCE INFORMATION

ITEM NO.	DESCRIPTION
1	A. Cut trees flush with, or as close as possible to, ground level. B. Move cleared trees to location on plan and consolidate as directed by the DNR Field Engineer. C. Trees to be saved, will be marked by the IDNR. D. Trees may only be cut October 15th through March 31st.
2	A. Stone shall be IDOT Class "E" Fieldstone Revetment (Section 4130.02 of the standard specifications). Due to the irregularity of fieldstone, the intent is to meet the gradation of Class "E" as best possible. Slight variations will be accepted as approved by the DNR Field Engineer. Contact the Field Engineer in advance of construction for inspection of stockpiles that are of questionable gradation. B. Quantities based on the average dimensions of 2-feet X 10-feet X 2500 feet. C. The length of slope to be armored varies greatly along the project; as much as 3' - 10'. D. The intent is to armor the eroded areas of shoreline as well as areas where existing revetment is thin.
3	A. Close road to the public at STA. 0+00. B. Follow Iowa DOT specification 2523 for Safety Closure. C. DNR field staff will need to get through to HQ on a daily basis.

***ADDED BY
ADDENDUM #1***

***CHANGED BY
ADDENDUM #1***

***ADDED BY
ADDENDUM #1***

GENERAL NOTES

Verify actual locations and elevations with DNR Engineer.

All work shall conform to and be performed in accordance with all applicable codes and ordinances.

The contractor shall visit the site and inspect the project area and thoroughly familiarize themselves with the actual job conditions prior to bidding and the start of work. Failure to visit the project site shall not relieve the contractor from performing the work in accordance to the plans, specification, special provisions and contract.

The contractor shall verify, at the site, all dimensions and conditions shown on the plans and shall notify the DNR Engineer of any discrepancies, omissions, and/or conflicts prior to proceeding with the work.

It shall be the contractor's responsibility to provide waste areas or disposal sites for excess material (excavated material or broken concrete) which is not desirable to be incorporated into the work involved on this project. No payment for overhaul will be allowed for material hauled to these sites. No material shall be placed within the right-of-way, unless specifically stated in the plans or approved by the DNR Engineer.

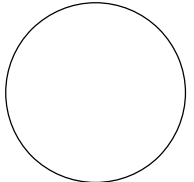
The contractor shall not disturb desirable grass areas and desirable trees outside the construction limits. The contractor will not be permitted to park or service vehicles and equipment or use these areas for storage of materials. Storage, parking and service areas will be subject to the approval of the DNR Engineer.

Where utilities and fixtures are shown as Existing on the plans or encountered within the construction area, it shall be the responsibility of the contractor to notify the DNR Engineer of those utilities prior to the beginning of any construction. The contractor shall be afforded access to these facilities for necessary modification of services. Underground facilities, structures and utilities have been plotted from available surveys and records and therefore their locations must be considered approximate only. It is possible there may be others, the existence of which is presently not known or shown. It is the contractor's responsibility to determine their existence and exact location and to avoid damage thereto. No claims for additional compensation will be allowed to the contractor for any interference or delay caused by such work.

The contractor shall shape graded area to maintain surface drainage. All elevations are to finish grade.

The contractor is expected to have materials, equipment, and labor available on a daily basis to install and maintain erosion control features on the project. This may involve seeding, silt fence, rock ditch checks, silt basins or silt dikes.

CONSULTANT:



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502 E. 9TH ST., DES MOINES, IA 50319-0034



QUANTITIES AND GENERAL INFORMATION

SHORELINE ARMORING FOR:
INGHAM-HIGH WETLAND WMA
EMMET COUNTY

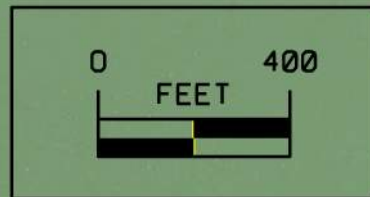
NO.	BY	REVISION
	DATE	
DRAWN BY:	PROJECT NUMBER:	
BLF	19-01-32-02	
CHK'D BY:	DATE:	
	DEC 2021	

SHEET No: **C.01**

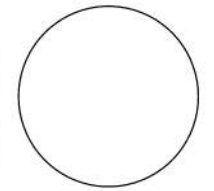
PRIMARY TREE DISPOSAL AREA

SECONDARY TREE DISPOSAL AREA

D.02	
Clearing	
2+50	40+07
1 LS	
Fieldstone, Class E	
2+50	40+07
3630 Tons	
Safety Closure	
0+00	
1 Each	



CONSULTANT:



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SITE PLAN

SHORELINE ARMORING FOR:

INGHAM-HIGH WETLAND WMA

EMMET COUNTY

NO.	DATE	REVISION

DRAWN BY: BLF
PROJECT NUMBER: 19-01-32-02
CHK'D BY: DATE: DEC 2021

SHEET No: **D.02**

2. Affirms to have examined the plans, specifications, and job site to become acquainted with the adjacent areas, means of approach to the site, conditions of the actual job site, and the facilities for delivering, storing, placing, and handling of materials and equipment.

SCHEDULE OF PRICES

Project Description and Location

SHORELINE ARMORING, INGHAM WETLAND COMPLEX, EMMET COUNTY

Name of Bidder

THE "UNIT PRICE" AND "AMOUNT" COLUMNS MUST BE FILLED IN FOR THIS PROPOSAL TO BE CONSIDERED COMPLETE. IF THERE IS A DISCREPANCY BETWEEN UNIT BID PRICES, EXTENSIONS, OR TOTAL AMOUNTS OF BID, THE UNIT PRICES SHALL GOVERN.

Item No.	Description	Estimated Quantity		Unit Price	Amount
1	2101 - CLEARING	1	LS		
2	2507 – FIELDSTONE, CLASS "E" REVETMENT	3630	TON		
3	2528 - TRAFFIC CONTROL	1	LS		
4	2533 - MOBILIZATION	1	LS		
Total					

Bidder Acknowledges Receipt of Any Issued Addenda Below <div style="text-align: right;">(Number and Date)</div>	List of Subcontractors (Attach additional pages, if necessary)
ADDENDUM NO. 1 04/22/2022	