

KLUM LAKE ACCESS  
ROAD MAINTENANCE  
LOUSIA COUNTY, IOWA  
PROJECT NUMBER: 20-06-58-01

February 12, 2021

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:**

1. Sheet C.01 – ESTIMATED PROJECT QUANTITIES SECTION

CHANGE:

ITEM NO. 7 - 2416 - CULV, CONC RDWY PIPE, 18" from 66 LF, to 64 LF.

CHANGE:

ITEM NO. 10 – “REVETMENT, CLASS D or E”, to “REVETMENT, CLASS E”

ADD:

ITEM NO. 14 - STABILIZE CROP - SEED+FERTILIZE – ACRE - 1.

ADD

ITEM NO. 15 - 2102 - SPECIAL BACKFILL (Pipe Bedding) – TON – 22.

2. Sheet C.01 – ESTIMATE REFERENCE INFORMATION SECTION

CHANGE:

1A from “Use for RCP bedding”, to “STA 80+00-85+63, east side only, all other west side only.

ADD:

1 B. See Typical Ditch Cross Section Detail Sheet D.09

1 C. Remove spoil from project site”.

ADD:

6 A. Waterman F-10 Cast Iron Flap Gate, or approved equal.

ADD:

4-8 H. 36-inch RCP to have O-ring gaskets.

ADD:

14 A. Use Rural Mix.

Sheet C.01 has been superseded by the attached sheet C.01

**PLANS:**

1. Sheet D.02

Add:

Special Backfill
(Pipe Bedding)
19+50
4.6 Ton
30+00
12.8 Ton
37+50
4.6 Ton

CONC RDWY PIPE, 18"
19+50
32 LF
37+50
32 LF
CONC RDWY PIPE, 36"
30+00
36 LF

Sheet D.02 has been superseded by the attached sheet D.02

2. ADD:  
Sheet D.09 – TYPICAL CROSS SECTIONS AND DETAILS

Use the attached sheet D.09.

**PROPOSAL:**

1. Addendum No. 1, along with date, has been added.
2. Change Item No. 7, 2416 - CULV, CONC RDWY PIPE, 18", from 66 LF, to 64 LF.
3. Change Item No. 10, 2507 – "REVTMENT, CLASS D or E", to 2507 - REVTMENT, CLASS E".
4. Add Item No. 14, 2601 - STABILIZE CROP - SEED+FERTILIZE, 1 ACRE
5. Add Item No. 15, 2102 - SPECIAL BACKFILL (Pipe Bedding), 22 TON
6. Change Approx. or Specified Starting Date or Number of Working Days from "N/A" to "May 1, 2021".

Proposal 00300 (3 pages) has been superseded by the attached Proposal 00300 (3 pages).

ESTIMATED PROJECT QUANTITIES			
ITEM NO.	ITEM	UNIT	TOTAL
1	2125 - RESHAPING DITCHES	STA	7.7
2	2127 - RECONSTRUCTION OF ROADBED - BLADING/SHAPING	STA	85.7
3	2312 - GRANULAR SURFACING ON ROAD, CLASS A CRUSHED STONE - 1 - 1.5-INCH	TON	1599
4	2416 - APRON, CONC, 18"	EACH	4
5	2416 - APRON, CONC, 36"	EACH	1
6	2416 - 36" FLAPPER, HEAVY DUTY	EACH	1
7	2416 - CULV, CONC RDWY PIPE, 18"	LF	64
8	2416 - CULV, CONC RDWY PIPE, 36"	LF	36
9	2507 - ENGINEERING FABRIC	SY	45
10	2507 - REVETMENT, CLASS E	TON	10
11	2507 - EROSION STONE	TON	10
12	2528 - TRAFFIC CONTROL	LS	1
13	2533 - MOBILIZATION	LS	1
14	2601 - STABILIZE CROP - SEED+FERTILIZE	ACRE	1
15	2102 - SPECIAL BACKFILL	TON	22

ESTIMATE REFERENCE INFORMATION	
ITEM NO.	DESCRIPTION
1	A. STA 80+00-85+63, east side only, all other west side only. B. See Typical Ditch Cross Section Detail Sheet D.09. C. Remove spoil from project site.
2	A. Repair all potholes by scarifying surrounding area to depth of pothole and recompacting. B. Re-establish roadway crown - 4% positive drainage each way from centerline; 4% across the width in banked sections. C. Remove any high shoulder areas, before spreading new rock - dispose of excess material off site.
3	A. A final leveling of the aggregate after being dumped, is required. B. From DOT approved source. C. Approximate 2-inch depth
6	A. Waterman F-10 Cast Iron Flap Gate, or approved equal.
4-8	A. Use type 3 connections. B. Pin and wrap all joint. C. Remove existing culverts and dispose of off project site. D. DOT approved source. E. Use Class II material for bedding. F. Bed pipe halfway up to springline with bedding material. G. Mechanically/manually compact bedding and backfill material. H. 36-inch RCP to have O-ring gaskets.
9,10	A. For 36-inch RCP outlet. B. DOT approved source.
11	A. For 18-inch RCP. B. DOT approved source.
14	A. Use Rural Mix.

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.

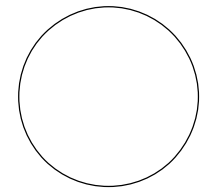
The contractor shall not disturb desirable grass areas and desirable trees outside the construction limits. The contractor will not be permitted to park or service vehicles and equipment or use these areas for storage of materials. Storage, parking and service areas will be subject to the approval of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

CONSULTANT:



IOWA DEPARTMENT OF  
NATURAL RESOURCES  
ENGINEERING SERVICES - WALLACE BUILDING  
502 E. 9TH ST., DES MOINES, IA 50319-0034



QUANTITIES AND GENERAL INFORMATION

ROAD MAINTENANCE FOR:  
**KLUM LAKE ACCESS**  
LOUISA COUNTY

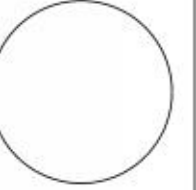
NO.	BY	DATE	REVISION
DRAWN BY:		PROJECT NUMBER:	
BLF		20-06-58-01	
CHK'D BY:		DATE:	
		DEC 2020	
SHEET NO:			

C.01

Reshaping Ditches		36 Inch Flapper
18+50	20+50	30+00
2 STA		1 EACH
29+00	31+00	
2 STA		CONC RDWY PIPE, 13"
37+50	38+50	19+50
1 STA		32 LF
Blading/Shaping		37+50
0+00	50+00	32 LF
50 STA		CONC RDWY PIPE, 35"
Class A Rock		30+00
0+00	50+00	36 LF
933 Ton		Engineering Fabric
18 Inch RCP FES		30+00
19+50		45 SY
2 EACH		
37+50		Revetment, Class E
2 EACH		30+00
36 Inch RCP FES		10 TON
30+00		
1 EACH		Erosion Stone
Special Backfill		19+50
(Pipe Bedding)		5 TON
19+50		37+50
4.6 Ton		5 TON
30+00		
12.8 Ton		
37+50		
4.6 Ton		

Reshaping Ditches	
/0+00	/2+00
2 STA	
85+00	85+63
0.63 STA	
Blading/Shaping	
50+00	85+63
45.7 STA	
Class A Rock	
50+00	85+63
665 Ton	

CONSULTANT:



**IOWA DEPARTMENT OF  
NATURAL RESOURCES**

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



**SITE PLAN**

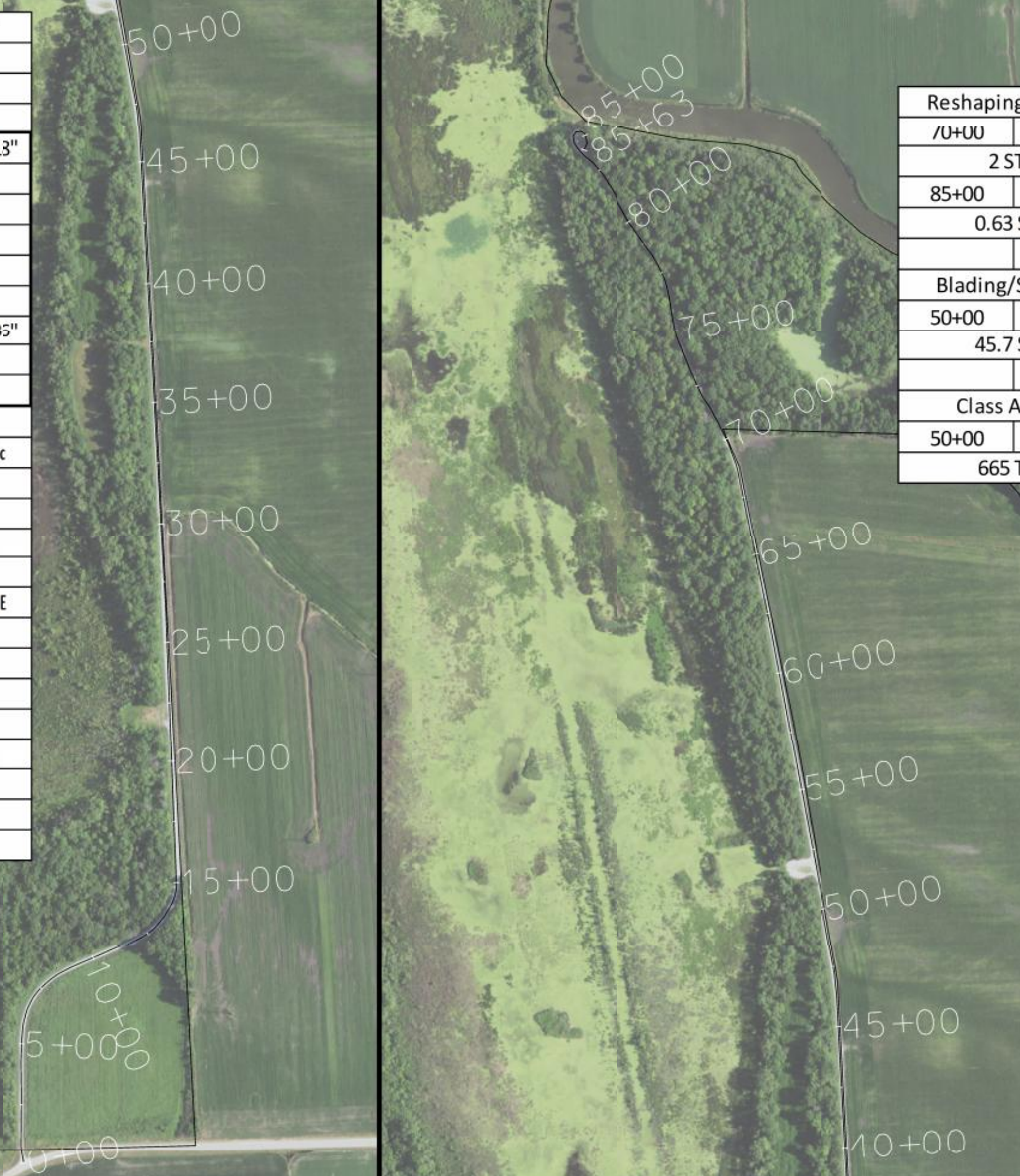
ROAD MAINTENANCE FOR:  
**KLUM LAKE ACCESS**

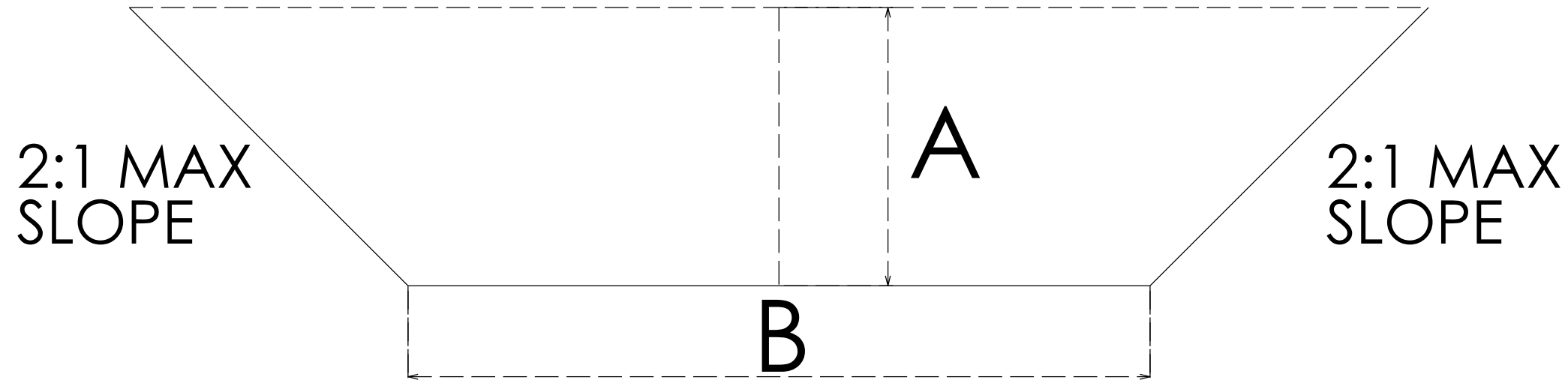
OUISA COUNTY

NO.	DATE	REVISION

SHEET No.:

**D.02**

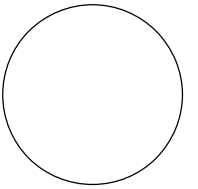




Station	to	Station	Dimension A	Dimension B	Approx CY
18+50		20+50	1 Foot	2 Feet	22
29+00		31+00	1 Foot	2 Feet	22
37+50		38+50	1 Foot	2 Feet	22
70+00		72+00	1.5 Feet	3 Feet	50
85+00*		85+63*			20
* Mainly small brush and some material pushed into the ditch near STA 85+50					

# TYPICAL DITCH CROSS SECTION DETAIL

CONSULTANT:



**IOWA DEPARTMENT OF  
NATURAL RESOURCES**

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



TYPICAL CROSS SECTIONS AND DETAILS

ROAD MAINTENANCE FOR:

KLUM LAKE ACCESS

LOUISA COUNTY

NO. BY DATE REVISION

DRAWN BY: PROJECT NUMBER:  
BLF 20-06-58-01

CHK'D BY: DATE:  
DEC 2020

SHEET No:

**B.09**