

YELLOW RIVER STATE FOREST  
ROAD MAINTENANCE  
ALLAMAKEE COUNTY, IOWA  
PROJECT NUMBER: 22-03-03-01

March 15, 2024

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:**

A. Sheet C.01 in the ESTIMATED PROJECT QUANTITIES SECTION.

CHANGE:

ITEM 6; 2402 - GRANULAR BACKFILL, from 50 TON to 56 TON.

ITEM 7; RMV+REINSTALL RIGID PIPE CULV LE 36" (36-INCH RCP) to RMV+REINSTALL RIGID PIPE CULV LE 36" (30-INCH RCP).

ITEM 8; 2417 - APRON, METAL (CMP), 18" from 2 EACH to 3 EACH.

ITEM 13; 2417 - CULV, CMP RDWY, 18" (30-FOOT LENGTHS) from 60 LF to 30 LF.

ITEM 14; 2417 - CULV, CMP RDWY, 24" from 10 LF to 20 LF.

ITEM 17; 2417 - CONNECTING BAND, CMP RDWY, 24" from 1 EACH to 2 EACH.

DELETE:

ITEM 9; 2417 - APRON, METAL (CMP), 24", 1 EACH.

ITEM 16; CONNECTING BAND, CMP RDWY, 18", 2 EACH.

ITEM 18; 2417 - CONNECTING BAND, CMP RDWY, 30", 1 EACH.

B. Sheet C.01 in the ESTIMATED REFERENCE INFORMATION (CONTINUED) SECTION.

ADD:

- |   |  |
|---|--|
| A | <ol style="list-style-type: none"><li>1. 25+25 = 43°9.9740'N, 91°14.7610'W</li><li>2. Existing 36-inch CMP with seep collar.</li><li>3. Dig up, add 20-foot section+band, FES and grate on inlet.</li><li>4. Reinstall culvert (including seep collar) on new alignment and elevations set by DNR Field Engineer.</li><li>5. Cover with contractor furnish embankment.</li><li>6. Salvage/move as much riprap as possible before placing.</li><li>7. Place new riprap and erosion stone as directed by DNR Field Engineer.</li></ol> |
| B | <ol style="list-style-type: none"><li>1. 34+50 = 43°9.8390'N, 91°14.7320'W</li><li>2. Existing 24-inch CMP.</li><li>3. Add 10-feet+band.</li><li>4. Cover and place erosion stone as directed by DNR Field Engineer.</li></ol>   |
| C | <ol style="list-style-type: none"><li>1. 38+00 = 43°9.7990'N, 91°14.6470'W</li><li>2. Existing 24-inch CMP.</li></ol>  |

3. Add 10-feet+band.
  4. Cover and place erosion stone as directed by DNR Field Engineer.
- D
1. 38+25 = 43°9.7740'N, 91°14.5700'W
  2. Remove existing culvert and replace with 18-inch CMP.
  3. Install new culvert on new alignment and elevations set by DNR Field Engineer.
  4. Place erosion stone as directed by the DNR Field Engineer.
  5. Salvage existing culvert and deliver to location indicated on plans.
  6. Culvert is onsite.
- E
1. 56+00 = 43°9.4860'N, 91°14.5840'W
  2. Remove existing culvert and replace with 18-inch CMP.
  3. Install new culvert on new alignment and elevations set by DNR Field Engineer.
  4. Place erosion stone as directed by the DNR Field Engineer.
  5. Salvage existing culvert and deliver to location indicated on plans.
  6. Culvert is onsite.
- F
1. 61+00 = 43°9.4860'N, 91°14.55840'W
  2. Move ditch away from roadway embankment - pull existing material up against roadway embankment.
  3. DNR Field Engineer will mark limits.
- G
1. 65+00 = 43°9.4460'N, 91°14.6240'W
  2. Existing 30-inch RCP with connection failures.
  3. Remove and re-lay on new alignment and elevations set by DNR Field Engineer.
  4. Wrap and pin ALL joints with type 3 connections. See B sheets for details
  5. Place new riprap and erosion stone as directed by DNR Field Engineer.
- H
1. 84+00 = 43°9.2380'N, 91°14.2040'W
  2. Place erosion stone along the existing embankment as directed by the DNR Field Engineer.
  3. Limits of placement will be set by the DNR Field Engineer.
  4. Move existing root ball out of ditch/channel.
- I
1. 117+25 = 43°8.8590'N, 91°14.2040'W
  2. Remove existing culvert and replace with 18-inch CMP.
  3. Install new culvert on new alignment and elevations set by DNR Field Engineer.
  4. Place erosion stone as directed by the DNR Field Engineer.
  5. Salvage existing culvert and deliver to location indicated on plans.
- J
1. 121+75 = 43°8.7870'N, 91°14.1720'W
  2. Remove existing culvert and replace with 30-inch CMP with FES.
  3. Install new culvert on new alignment and elevations set by DNR Field Engineer.
  4. Place new riprap and erosion stone as directed by DNR Field Engineer.
  5. Salvage existing culvert and deliver to location indicated on plans.
  6. Culvert is onsite.

DISCARD THE ORIGINAL SHEET C.01. IT HAS BEEN SUPERSEDED BY THE ATTACHED SHEET C.01.

C Sheet D.02  
 TABULATED WORK AND QUANTITIES.  
 CHANGE:  
 RESHAPING DITCH, 55+00 TO 58+00, 3 STA to 60+00 TO 63+00, 3 STA.

GRANULAR BACKFILL 38+00 from 10 TON to 3 TON.

18 inch connecting bands = 0 30-inch connecting band 0

DELETE:

APRON, METAL (CMP), 18", 38+25, 1 EACH.

CULV, CMP RDWY, 18", 38+00, 30 LF.

ADD:

GRANULAR BACKFILL, 34+50, 3 TON.

GRANULAR BACKFILL, 56+00, 10 TON.

APRON, METAL (CMP), 18", 56+00, 1 EACH.

CULV, CMP RDWY, 18", 56+00, 30 LF.

CULV, CMP RDWY, 24", 38+00, 10 LF.

CONNECTING BAND, CMP RDWY, 24", 38+00, 1 EACH.

DISCARD THE ORIGINAL SHEET D.02. IT HAS BEEN SUPERSEDED BY THE ATTACHED SHEET D.02.

#### **PROPOSAL:**

CHANGE:

1. ITEM 6; 2402 - GRANULAR BACKFILL, from 50 TON to 56 TON.
2. ITEM 7; RMV+REINSTALL RIGID PIPE CULV LE 36" (36-INCH RCP) to RMV+REINSTALL RIGID PIPE CULV LE 36" (30-INCH RCP).
3. ITEM 8; 2417 - APRON, METAL (CMP), 18" from 2 EACH to 3 EACH.
4. ITEM 13; 2417 - CULV, CMP RDWY, 18" (30-FOOT LENGTHS) from 60 LF to 30 LF.
5. ITEM 14; 2417 - CULV, CMP RDWY, 24" from 10 LF to 20 LF.
6. ITEM 17; 2417 - CONNECTING BAND, CMP RDWY, 24" from 1 EACH to 2 EACH.

DELETE:

1. ITEM 9; 2417 - APRON, METAL (CMP), 24", 1 EACH.
2. ITEM 16; 2417 - CONNECTING BAND, CMP RDWY, 18", 2 EACH.
3. ITEM 18; 2417 - CONNECTING BAND, CMP RDWY, 30", 1 EACH.

ITEM DESCRIPTIONS HAVE BEEN RENUMBERED AND QUANTITIES UPDATED.

DISCARD PAGE 2 AND 3 OF THE ORIGINAL PROPOSAL - "SCHEDULE OF PRICES", AND USE THE ATTACHED PAGE 2 and 3 OF THE PROPOSAL - "SCHEDULE OF PRICES".


#### **SPECIFICATIONS:**

A. No changes.

ESTIMATED PROJECT QUANTITIES			
ITEM NO.	ITEM	UNIT	TOTAL
1	2102 - EMBANKMENT-IN-PLACE, CONTRACTOR FURNISHED	CY	60
2	2125 - RESHAPING DITCH	STA	5
3	2127 - RECONSTRUCTION OF ROADBED - BLADING/SHAPING	STA	199.56
4	2312 - GRANULAR SURFACING ON ROAD, CLASS A CRUSHED STONE	TON	1684
5	2312 - GRANULAR SURFACING ON ROAD, CRUSHED STONE - 2 - INCH	TON	216
6	2402 - GRANULAR BACKFILL	TON	56
7	2416 - RMV+REINSTALL RIGID PIPE CULV LE 36" (36-INCH RCP)	LF	36
8	2417 - APRON, METAL (CMP), 18"	EACH	3
9	2417 - APRON, METAL (CMP), 30"	EACH	1
10	2417 - APRON, METAL (CMP), 36"	EACH	1
11	2417 - APRON GUARD, METAL(CMP), 36"	EACH	1
12	2417 - CULV, CMP RDWY, 18" (30-FOOT LENGTHS)	LF	30
13	2417 - CULV, CMP RDWY, 24"	LF	20
14	2417 - CULV, CMP RDWY, 36"	LF	20
15	2417 - CONNECTING BAND, CMP RDWY, 24"	EACH	2
16	2417 - CONNECTING BAND, CMP RDWY, 36"	EACH	1
17	2507 - REVETMENT, CLASS E	TON	54
18	2507 - EROSION STONE	TON	70
19	2518 - SAFETY CLOSURE	EACH	7
20	2528 - TRAFFIC CONTROL	LS	1
21	2533 - MOBILIZATION	LS	1

ESTIMATE REFERENCE INFORMATION	
ITEM NO.	DESCRIPTION
1	<p>A. This item for fill at the 36" CMP extension location.</p> <p>B. Salvage/move as much riprap as possible before placing.</p>
2	<p>A. Existing ditches are encroaching roadway embankment - pull ditch material up to embankment and move ditch over.</p> <p>B. Location and limits will be marked by DNR Field Engineer.</p>
3	<p>A. Repair all potholes by scarifying surrounding area to depth of pothole and recompacting.</p> <p>B. Re-establish roadway crown - 2% positive drainage each way from centerline; 2% across the width in banked sections.</p> <p>C. Remove any high shoulder areas before spreading new rock. Remove spoil for project location.</p> <p>D. See sheet B.01 for typical roadway cross section.</p>
4-5	<p>A. Spread and roll rock after dumping.</p> <p>B. DOT approved source.</p>
6	<p>A. Use for pipe bedding.</p> <p>B. Bed pipe halfway up with rock.</p> <p>C. Dot approved source.</p>
7	<p>A. Remove and relay existing RCP culvert.</p> <p>B. Wrap and Pin (Type 3) all joints.</p> <p>C. Minor ditch shaping may be required at inlet/outlet.</p>
8-16	<p>A. Remove and replace existing culverts.</p> <p>B. New culverts will be longer than existing and placed at a larger skew.</p> <p>C. Existing/extended culverts will be removed and relayed at a larger skew.</p> <p>D. A section of salvaged culvert may need to added to new culvert.</p> <p>E. DNR Field Engineer will set inlet/outlet locations and elevations.</p> <p>F. DOT approved source.</p> <p>G. Salvage remaining culvert and deliver to location indicated on plans.</p>
17	<p>A. Place at the direction of the DNR Field Engineer.</p> <p>B. DOT approved source.</p>
18	<p>A. Place at the direction of the DNR Field Engineer.</p> <p>B. DOT approved source.</p>
19	<p>A. Follow Iowa DOT specificaion 2518 for safety closure set-up.</p> <p>B. Set-up must be complete for full payment.</p>

ESTIMATE REFERENCE INFORMATION (CONTINUED)	
ITEM NO.	
1-24	A. All applicable material for project must come from a DOT approved source.
A	<ol style="list-style-type: none"> <li>25+25 = 43°9.9740'N, 91°14.7610'W</li> <li>Existing 36-inch CMP with seep collar.</li> <li>Dig up, add 20-foot section+band, FES and grate on inlet.</li> <li>Reinstall culvert (including seep collar) on new alignment and elevations set by DNR Field Engineer.</li> <li>Cover with contractor furnish embankment.</li> <li>Salvage/move as much riprap as possible before placing.</li> <li>Place new riprap and erosion stone as directed by DNR Field Engineer.</li> </ol>
B	<ol style="list-style-type: none"> <li>34+50 = 43°9.8390'N, 91°14.7320'W</li> <li>Existing 24-inch CMP.</li> <li>Add 10-feet+band.</li> <li>Cover and place erosion stone as directed by DNR Field Engineer.</li> </ol>
C	<ol style="list-style-type: none"> <li>38+00 = 43°9.7990'N, 91°14.6470'W</li> <li>Existing 24-inch CMP.</li> <li>Add 10-feet+band.</li> <li>Cover and place erosion stone as directed by DNR Field Engineer.</li> </ol>
D	<ol style="list-style-type: none"> <li>38+25 = 43°9.7740'N, 91°14.5700'W</li> <li>Remove existing culvert and replace with 18-inch CMP.</li> <li>Install new culvert on new alignment and elevations set by DNR Field Engineer.</li> <li>Place erosion stone as directed by the DNR Field Engineer.</li> <li>Salvage existing culvert and deliver to location indicated on plans.</li> <li>Culvert is onsite.</li> </ol>
E	<ol style="list-style-type: none"> <li>56+00 = 43°9.4860'N, 91°14.5840'W</li> <li>Remove existing culvert and replace with 18-inch CMP.</li> <li>Install new culvert on new alignment and elevations set by DNR Field Engineer.</li> <li>Place erosion stone as directed by the DNR Field Engineer.</li> <li>Salvage existing culvert and deliver to location indicated on plans.</li> <li>Culvert is onsite.</li> </ol>
F	<ol style="list-style-type: none"> <li>61+00 = 43°9.4860'N, 91°14.55840'W</li> <li>Move ditch away from roadway embankment - pull existing material up against roadway embankment.</li> <li>DNR Field Engineer will mark limits.</li> </ol>
G	<ol style="list-style-type: none"> <li>65+00 = 43°9.4460'N, 91°14.6240'W</li> <li>Existing 30-inch RCP with connection failures.</li> <li>Remove and re-lay on new alignment and elevations set by DNR Field Engineer.</li> <li>Wrap and pin ALL joints with type 3 connections. See B sheets for details</li> <li>Place new riprap and erosion stone as directed by DNR Field Engineer.</li> </ol>
H	<ol style="list-style-type: none"> <li>84+00 = 43°9.2380'N, 91°14.2040'W</li> <li>Place erosion stone along the existing embankment as directed by the DNR Field Engineer.</li> <li>Limits of placement will be set by the DNR Field Engineer.</li> <li>Move existing rootball out of ditch/channel.</li> </ol>
I	<ol style="list-style-type: none"> <li>117+25 = 43°8.8590'N, 91°14.2040'W</li> <li>Remove existing culvert and replace with 18-inch CMP.</li> <li>Install new culvert on new alignment and elevations set by DNR Field Engineer.</li> <li>Place erosion stone as directed by the DNR Field Engineer.</li> <li>Salvage existing culvert and deliver to location indicated on plans.</li> </ol>
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502 E. 9TH ST., DES MOINES, IA 50319-0034



ROAD MAINTENANCE FOR:

# YELLOW RIVER STATE FOREST

ALLAMAKEE COUNTY

DATE	BY	REVISION
DRAWN BY:	PROJECT NUMBER:	
BLF	22-03-03-01	
CHECK'D BY:	DATE:	
	JAN 2024	
SHEET No:		

# C.01







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

**ROAD MAINTENANCE, YELLOW RIVER STATE FOREST, ALLAMAKEE 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	2102 - EMBANKMENT-IN-PLACE, CONTRACTOR FURNISHED	60	CY		
2	2125 - RESHAPING DITCH	5	STA		
3	2127 - RECONSTRUCTION OF ROADBED - BLADING/SHAPING	199.56	STA		
4	2312 - GRANULAR SURFACING ON ROAD, CLASS A CRUSHED STONE	1684	TON		
5	2312 - GRANULAR SURFACING ON ROAD, CRUSHED STONE - 2 - INCH	216	TON		
6	2402 - GRANULAR BACKFILL	56	TON		
7	2416 - RMV+REINSTALL RIGID PIPE CULV LE 36" (30-INCH RCP)	36	LF		
8	2417 - APRON, METAL (CMP), 18"	3	EACH		
9	2417 - APRON, METAL (CMP), 30"	1	EACH		
10	2417 - APRON, METAL (CMP), 36"	1	EACH		
11	2417 - APRON GUARD, METAL(CMP), 36"	1	EACH		
12	2417 - CULV, CMP RDWY, 18" (30-FOOT LENGHTS)	30	LF		
13	2417 - CULV, CMP RDWY, 24"	20	LF		
14	2417 - CULV, CMP RDWY, 36"	20	LF		
15	2417 - CONNECTING BAND, CMP RDWY, 24"	2	EACH		
16	2417 - CONNECTING BAND, CMP RDWY, 36"	1	EACH		
17	2507 - REVETMENT, CLASS E	54	TON		
18	2507 - EROSION STONE	70	TON		

19	2518 - SAFETY CLOSURE	7	EACH		
20	2528 - TRAFFIC CONTROL	1	LS		
21	2533 - MOBILIZATION	1	LS		
Total					

Bidder Acknowledges Receipt Of Any Issued Addenda (Number and Date):	Addendum No. 1	March 15, 2024

Subcontractor Information

Name	Iowa Contractor Registration Number