

Change Orders (Contract Modifications)

A Change Order is a written order to a contractor for a change to the intent of the original contract, i.e. an increase or decrease in contract quantities, or changes to the plans or specifications.

Change Orders (Contract Modifications)

- LPA Projects
 - IM 6.000 Att. D Section 2.36
Preparation of a Change Order
p. 66 to 80 of 106
- Department Projects
 - CM Ch 2 Contract Modifications
p. 2-59 to 70

Change Orders are used to:

- Change authorized quantities of items (increases or decreases)
- Add a new item or material
- Serve as a Source Document for the Office of Finance to enter changes and additions to Progress Vouchers
- Document changes to the contract documents – once signed by all parties are legally binding

Items Requiring a Change Order

- Any change to the original scope or intent of the project.
- Price adjustment to reduce payment for an item below minimum standards.

Items Requiring a Change Order

- Deletion of item with original contract amount more than \$50,000.
- Overruns and underruns more than \$50,000 based on category amount.

Items Requiring a Change Order

- Any overrun/underrun of items that are defined to be paid at contract quantity.
 - *Note: For changes to Plan quantity items, field measurements are required to document the change in quantity!*

Items Requiring a Change Order

- Incentive/Disincentive Provisions
- Value Engineering proposals
- Plan Revisions with new and/or changes to contract items.

Items Requiring a Change Order

- Adding items to the Contract
- Changes to the Specifications
- Extensions of Contract Time
- Settlement of Liquidated Damages.

Items **NOT** Requiring a Change Order

- Less than \$50,000 Value
 1. Deletion of an item < \$50,000.00
 2. Overruns / Underruns < \$50,000.00

Substantial vs. Non-substantial

- Substantial – the project engineer must obtain **pre-approval** from the Administering Bureau
- Non-substantial – prepared by the project engineer & approved by the DLSE

Justification Checklist for Change Orders

Some acceptable methods to justify change orders are:

- Original copies of material quotes
- Comparable prices to the “Summary of Awarded Prices”
- Independent cost check of area suppliers

Justification Checklist for Change Orders (continued)

- Equipment Watch (for equipment)
- Invoices Prices for Materials
- Contractor's certified payroll (for labor)
- Davis-Bacon wage determinations (for labor)

Justification Checklist for Change Orders (continued)

- Summary of actual costs
- Similar contracted items on previous projects
- Previous Change Order costs for like items

Examples of Statements on C.O. for Prices

- Agreed price is comparable to item xxxx (a similar item)
- Cost is justifiable based on Rental Rate Blue Book values
- Analysis is included in the project file
- Agreed price is based on invoiced prices and estimated labor cost is comparable to item xxxx (a similar item)

Examples of Statements on C.O. for Prices

- Individual costs have been agreed to based on certified payroll expenses, invoiced rental rate charges, and actual material invoiced
- Summary of analysis is attached (Use for very brief analysis)
- Summary of costs and analysis is included in the project file

Contract Time Adjustment

- Every Change Order must address time considerations.
 - Impact on time may be addressed in one of three ways:
 1. No change in contract time
 2. Contract period will be adjusted by “X” working (or calendar) days
 3. Impact on contract time will be reviewed at a later day
- OR
- Impact on the contract time cannot be determined at this time.

Participating vs. Nonparticipating

- Participating or nonparticipating are applicable to both substantial and nonsubstantial
- The Administering Bureau will review the Federal and State potential participation.

CHANGE ORDER
For Local Public Agency Projects

No.: _____

Non-Substantial:

Substantial:

Administering Office
Concurrence Date

Accounting ID No. (5-digit number): _____

Project Number: _____

Contract Work Type: _____

Local Public Agency: _____

Contractor: _____

Date Prepared: _____

You are hereby authorized to make the following changes to the contract documents.

A - Description of change to be made:

B - Reason for change:

C - Settlement for cost(s) of change as follows with items addressed in Sections F and/or G:

D - Justification for cost(s) (See I.M. 3.805, Attachment D, Chapter 2.36, for acceptable justification):

E - Contract time adjustment: No Working Days added Working Days added: _____ Unknown at this time

Justification for selection:

G - Items not included in contract:

Participating					For deductions enter as "-x.xx"		
Federal-aid	State-aid	Change Number	Item Number	Item Description	Unit Price .xx	Quantity .xxx	Amount .xx
					TOTAL		

Add Row

Delete Row



Iowa Department of Transportation

Contract Modification

6/26/2018 9:18 AM

FieldManager 5.3a

Contract: 31-0321-041, BRIDGE NEW - STEEL GIRDER

Cont. Mod. Number	Revision Number	Cont. Mod. Date	Net Change	Awarded Contract Amount
1		6/26/2018	\$945.23	\$1,388,040.68
Route IOWA 32 (C34755)				Entered By Charles Seeland
Contract Location NHSX-032-1(41)--3H-31 ** U.S. 61 CONNECTOR ROAD B OVER GRANG				

Short Description

Increase/Decrease Items

Description of Changes

Increase Item 0050, Structural Concrete (Bridge)
Decrease Item 0060, High Performance Structural Concrete
Increase Item 0080, Reinforcing Steel, Epoxy Coated

Contract Modification shall have no impact on working days for this project.

Increases / Decreases

Project: 31-0321-041, 171219 031 TMC

WAIT

Category: 0001, P:DESIGN NO. 1917; 260'-0 X 36'-0 CONTINUOUS WELDED GIRDER B, DGE

Item Description	Item Code	Prop.Ln.	Item Type	Unit	Quantity Chg.	Unit Price	Dollar Value
STRUCT CONC (BRIDGE)	2403-0100010	0050	ORIGINAL	CY	48.700	472.50000	\$23,010.75

Reason: Contractor used the wrong mix for the West abutment footing. Used C-4 mix instead of HPC. It will be paid accordingly. 46.1 cubic yards is the plan quantity for the west abutment footing. 2.6 cubic yards is the quantity that was changed due to having to bump the face of the abutment out to maintain the clearance for the reinforcing steel.

Justification of costs: Contract Unit Price.

HIGH PERFORMANCE STRUC CONC	2403-7000210	0060	ORIGINAL	CY	-43.600	520.00000	\$-22,672.00
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Reason: Contractor used the wrong mix for the West abutment footing. Used C-4 mix instead of HPC. It will be paid accordingly. 46.1 cubic yards will be decreased. Item will be increased by 2.5 cubic yards for the face being bumped out to accomodate the reinforcing steel clearance.

Justification of costs: Contract Unit Price.

REINFORC STEEL, EPOXY COATED	2404-7775005	0080	ORIGINAL	LB	722.000	0.84000	\$606.48
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Reason: When forming the abutment backwall, it was determined that the 5g1 rebar on each abutment was only long enough for half of the roadway and that the 5g2 bars included quantity for only one wing on each abutment. The contractor was given a revised bar listing and the quantity adjustment for each item is provided as shown above.

Justification of costs: Contract Unit Price.

Subtotal for Category 0001: \$945.23

Subtotal for Project 31-0321-041: \$945.23



Contract Modification

When authorized, the contractor agrees to perform the work outlined above in accordance with provisions of the contract documents.

Doc Express Document Signing History

Contract: 31-0321-041 Document: CM 01

Date	Signed By
08/24/2018	Dan Schroeder Jim Schroeder Construction Electronic Signature (Reviewed by Contractor)
08/24/2018	Hugh Holak Iowa DOT Electronic Signature (Reviewed by Resident Engineer)
08/24/2018	Doug McDonald Iowa DOT Electronic Signature (Reviewed by District Construction Engineer)



Iowa Department of Transportation

Contract Modification

8/23/2018 11:01 AM

FieldManager 5.3a

Contract: 31-0321-041, BRIDGE NEW - STEEL GIRDER

Cont. Mod. Number	Revision Number	Cont. Mod. Date	Net Change	Awarded Contract Amount
2		8/23/2018	\$37,980.01	\$1,388,040.68
Route IOWA 32 (C34755)				Entered By Charles Seeland
Contract Location NHSX-032-1(41)--3H-31 ** U.S. 61 CONNECTOR ROAD B OVER GRANG				

Short Description

Add Items/Increase Items for reinforcing steel

Description of Changes

Add Item 0425, Extra Transverse Steel, Invoice # 10217

Add Item 0430, Extra Longitudinal Steel, Invoice # 10206

Add Item 0435, Extra Stainless Reinforcing Steel, Invoice # 10242

Increase Item 0080, Reinforcing Steel, Epoxy Coated

Increase Item 0090, Reinforcing Steel, Stainless Steel

Contract Modification will have no impact on working days for this contract.

Increases / Decreases

Project: 31-0321-041, 171219 031 TMC

WAIT

Category: 0001, P:DESIGN NO. 1917; 260'-0 X 36'-0 CONTINUOUS WELDED GIRDER B, DGE

Item Description	Item Code	Prop.Ln.	Item Type	Unit	Quantity Chg.	Unit Price	Dollar Value
REINFORC STEEL, EPOXY COATED	2404-7775005	0080	ORIGINAL	LB	35,489.000	0.84000	\$29,810.76

Reason: There were 552 pieces of # 6 epoxy coated rebar, 40' 7" in length, totaling 33468 lbs., left out of the bar list in the project plans. This is shown on invoice #10206, dated 7-12-2018. There was 2021 lbs. of transverse steel on the skewed bridge ends that were left out of the bar list also. These are shown on Invoice # 10217, dated 7-18-2018. These were both Design errors.

Justification of costs: Contract Unit Price.

REINF STEEL, STAINLESS STEEL	2404-7775009	0090	ORIGINAL	LB	743.000	3.15000	\$2,340.45
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Reason: Plans called for epoxy coated reinforcing in the top of the wings for the Barrier Rail. This was a design error. Stainless bars are to be used in the rail.

Justification of costs: Contract Unit Price.

Subtotal for Category 0001: \$32,151.21

Subtotal for Project 31-0321-041: \$32,151.21



Contract Modification

Iowa Department of Transportation

8/23/2018 11:01 AM

FieldManager 5.3a

New Items

Project: 31-0321-041, 171219 031 TMC

Category: 0001, P:DESIGN NO. 1917; 260'-0 X 36'-0 CONTINUOUS WELDED GIRDER B, DGE

Item Description	Item Code	Prop.Ln.	ItemType	Unit	Proposed Qty.	Unit Price	Dollar Value
('LUMP SUM' ITEM) Extra Transverse Steel, Invoice # 10217	2599-9999010	0425	SUPPLEMENTLS		1.000	1,133.58000	\$1,133.58

Reason: There was an error in the plan that omitted 2021 lbs. of epoxy reinforcing steel. The cost of the reinforcing steel increased by \$0.3135 and there was a \$500.00 freight cost.

Justification of costs: 2021 lbs. X \$0.3135 = \$633.58. Plus freight cost of \$500.00 equals \$1133.58.

('LUMP SUM' ITEM) Extra Longitudinal Steel, Invoice #10206	2599-9999010	0430	SUPPLEMENTLS		1.000	3,662.92000	\$3,662.92
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Reason: There was an error in the plan that omitted 33,468 lbs. of epoxy reinforcing steel for the deck. The cost of the steel increased by \$0.094 and there was a \$500.00 freight charge.

Justification of costs: 33648 lbs. X \$0.094 = \$3162.92. Plus \$500.00 freight charge equals \$3662.92

('LUMP SUM' ITEM) Extra Stainless reforc. Invoice #10242	2599-9999010	0435	SUPPLEMENTLS		1.000	1,032.30000	\$1,032.30
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Reason: There was an error in the plan that omitted 743 lbs. of Stainless Reinforcing Steel. The cost of the Reinforcing steel increased by \$1.10 plus a freight charge of \$215.00.

Justification of costs: 743 lbs. X \$1.10 = \$817.30. Plus \$215.00 freight equals \$1032.30.

Subtotal for Category 0001: \$5,828.80

Subtotal for Project 31-0321-041: \$5,828.80

When authorized, the contractor agrees to perform the work outlined above in accordance with provisions of the contract documents.

Doc Express Document Signing History

Contract: 31-0321-041 Document: CM 02

Date	Signed By
08/24/2018	Dan Schroeder Jim Schroeder Construction Electronic Signature (Reviewed by Contractor)
08/24/2018	Hugh Holak Iowa DOT Electronic Signature (Reviewed by Resident Engineer)
08/24/2018	Doug McDonald Iowa DOT Electronic Signature (Reviewed by District Construction Engineer)



Iowa Department of Transportation

Contract Modification

11/14/2018 8:49 AM

FieldManager 5.3a

Contract: 31-0321-041, BRIDGE NEW - STEEL GIRDER

Cont. Mod. Number	Revision Number	Cont. Mod. Date	Net Change	Awarded Contract Amount
3		11/14/2018	\$3,300.00	\$1,388,040.68
Route IOWA 32 (C34755)				Entered By Charles Seeland
Contract Location NHSX-032-1(41)--3H-31 ** U.S. 61 CONNECTOR ROAD B OVER GRANG				

Short Description

Add Item for Special Ditch Control, Wood Excelsior Mat

Description of Changes

Add Item 0440, Special Ditch Control, Wood EXcelsior Mat

Contract Modification will have no impact on working days for this contract.

New Items

Project: 31-0321-041, 171219 031 TMC

Category: 0002, P:ROADWAY ITEMS

Item Description	Item Code	Prop.Ln.	ItemType	Unit	Proposed Qty.	Unit Price	Dollar Value
SPECIAL DITCH CONTROL,WOOD EXCELSIOR MAT	2601-2640350	0440	SUPPLEMENT SQ		100.000	33.00000	\$3,300.00

Reason: It was decided to use Wood Excelsior Mat instead of the Turf Reinforced Mat in the ditches leading to the Creek.

Justification of costs: Agreed Unit Price. Price compares favorably when comparing to the (037), Menard's Road project, project being administered by this RCE. Price includes all materials, labor and equipment costs associated with the completion of this work. Also includes the Prime Contractor's markup.

Subtotal for Category 0002: \$3,300.00

Subtotal for Project 31-0321-041: \$3,300.00

When authorized, the contractor agrees to perform the work outlined above in accordance with provisions of the contract documents.

Doc Express Document Signing History

Contract: 31-0321-041 Document: CM 03

Date	Signed By
12/18/2018	Dan Schroeder Jim Schroeder Construction Electronic Signature (Reviewed by Contractor)
12/18/2018	Hugh Holak Iowa DOT Electronic Signature (Reviewed by Resident Engineer)
12/18/2018	Doug McDonald Iowa DOT Electronic Signature (Reviewed by District Construction Engineer)



Iowa Department of Transportation

Contract Modification

11/29/2016 4:11 PM

FieldManager 5.0a

Contract: 44-C044-077, PCC PAVEMENT - GRADE & REPLACE

Cont. Mod. Number 6	Revision Number	Cont. Mod. Date 11/29/2016	Net Change \$2,080.00	Awarded Contract Amount \$3,849,653.76
Route (C33023)				Entered By Jelen G McCall
Contract Location HENRY STP-S-C044(77)--5E-44				



Form 831240 (12-15)

CHANGE ORDER

For Local Public Agency Projects

No.: 6

Non-Substantial:

Substantial:

Administering Office
Concurrence Date

Accounting ID No. (5-digit number): 33023

Project Number: STP-S-C044(77)--5E-44

Kind of Work: PCC Pavement-Grade/Reple

Local Public Agency: Henry County

Contractor: Cedar Valley Corp., LLC

Date Prepared: 11/29/2016

You are hereby authorized to make the following changes to the contract documents.

Short Description

Non-participating item

Description of Changes

Subdrain incorporated into project was from an unapproved source; however, contracting authority approved placement of subdrain.

Adding an item as non-participating.

A - Description of change to be made:

8003 - Non-participating Item. Subdrain incorporated into the project was from an unapproved source; however, Contracting Authority approved placement of subdrain.

B - Reason for change:

8003 - Adding an item as non-participating, Item from an unapproved source.

New Items

Project: 44-C044-077, 151215 030 KAM

Category: 0003, CONTRACT ADMINISTRATION (NON-PARTICIPATING ITEMS)

Item Description	Item Code	Prop.Ln.	ItemType	Unit	Proposed Qty.	Unit Price	Dollar Value
SUBDRAIN, PVC, STD, NON-PERFORATED, 10"	2502-8213110	0480	SUPPLEMENT LF		104.000	20.00000	\$2,080.00

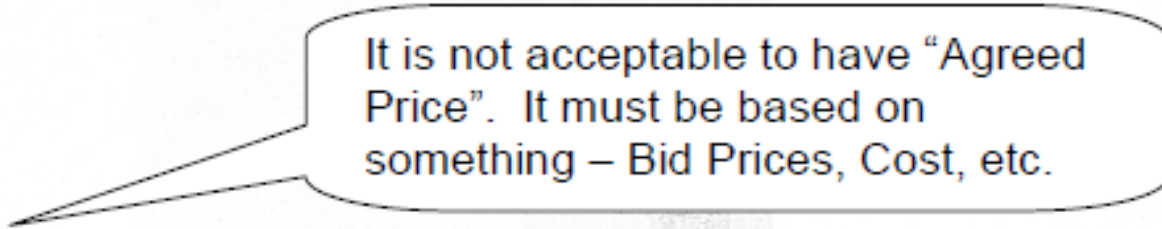
Reason: Item from unapproved source.

Subtotal for Category 0003: \$2,080.00

Subtotal for Project 44-C044-077: \$2,080.00

C - Settlement for cost(s) of change as follows with items addressed in Sections F and/or G:

8003 - 104.000 LF x \$20.00000/LF = \$2,080.00



It is not acceptable to have "Agreed Price". It must be based on something – Bid Prices, Cost, etc.

D - Justification for cost(s) (See I.M. 3.805, Attachment D, Chapter 2.36, for acceptable justification):

8003 - Bid Price for Item 0300, 2502-8213110, Subdrain, PVC, STD, Non-Perforated, 10"

E - Contract time adjustment:



No Working Days added



Working Days added:



Unknown at this time

Justification for selection:

No change to Working Days as a result of this funding change.

Page 1 of 3

Make sure to address Working Days with either:

1. No effect on Working Days.
2. An additional "X" Working Days will be needed to perform this work, or
3. The effect on Working Days is unknown at this time and will be addressed by a future Change Order.

New Items

Project: 44-C044-077, 151215 030 KAM

Category: 0003, CONTRACT ADMINISTRATION (NON-PARTICIPATING ITEMS)

Item Description	Item Code	Prop.Ln.	ItemType	Unit	Proposed Qty.	Unit Price	Dollar Value
SUBDRAIN, PVC, STD, NON-PERFORATED, 10"	2502-8213110	0480	SUPPLEMENT LF		104.000	20.00000	\$2,080.00

Reason: Item from unapproved source.

Subtotal for Category 0003: **\$2,080.00**

Subtotal for Project 44-C044-077: **\$2,080.00**

G - Items not included in contract:

Participating				For deductions enter as "-x.xx"		
Federal-aid	State-aid	Change Number	Item Description	Unit Price .xx	Quantity .xxx	Amount .xx
		8003	2502-8213110 Subdrain, PVC,STD, Non-Perforate	\$20.00	104.000	\$2,080.00
<input type="button" value="Add Row"/> <input type="button" value="Delete Row"/>				TOTAL		\$2,080.00

Doc Express Document Signing History

Contract: 44-C044-077 Document: CO 06

This document is in the process of being signed by all required signatories using the Doc Express service. Following are the signatures that have occurred so far.

Date	Signed By
12/05/2016	Tom Bonner Cedar Valley Corp Electronic Signature (Approved by Contractor)
12/06/2016	Jake Hotchkiss Iowa Local Systems Electronic Signature (Recommended by Engineer)
12/13/2016	Christy VanBuskirk Iowa Local Systems Electronic Signature (Approved by Administering Office or designee)
	(Approved by FHWA (when applicable))

H. Signatures

Agreed: **Tom Bonner** 12/05/2016
Contractor Date

Recommended: **Jake Hotchkiss** 12/06/2016
Project Engineer Date

Approved: [Redacted] [Redacted] [Redacted] [Redacted] [Redacted]
Person in Responsible Charge Date Other (optional) Title Date

[Redacted] [Redacted] [Redacted] [Redacted] [Redacted]
Contracting Authority (optional) Date Other (optional) Title Date

Christy VanBuskirk 12/13/2016
Iowa DOT Administering Office Date

Approval is contingent upon funds being available under the existing project agreement or upon additional Federal-aid funds being made available by a modified project agreement.

FHWA Concurrence: [Redacted] [Redacted]
Federal Highway Division Administration Date
(if required)

DISTRIBUTION (after fully executed on LPA projects): Original - Finance; Copies - Contractor, Project Engineer, Contracting Authority, Administering Office.

Date distributed: [Redacted] Initials: [Redacted]

Knowledge Check – Change Orders / Contract Modifications



Knowledge Check – Change Orders / Contract Modifications

- Where would you look to find the Accounting ID Number that the Office of Finance needs to identify the Contract that the Change Order is modifying?
 - On the Contract, it can be found on the second page under the Contract Project(s) heading.

Knowledge Check – Change Orders / Contract Modifications

- What should you do if the number of working days will need to be adjusted, but at the time that the Change Order is written it is unknown how long the extra work will take?
 - Check the box that says “Unknown at this time” and write in the comments that the working days needed for the work will be addressed in a future Change Order.

Knowledge Check – Change Orders / Contract Modifications

- When increasing or decreasing an existing item, what number should be used for the item number?
 - The item number on the contract of the original item that is being modified?
- When adding new items to a contract, how should the items be numbered?
 - Consecutively starting with 8001.

Knowledge Check – Change Orders / Contract Modifications

- Is it OK to use the statement “Agreed Price” to justify the cost of a new item added to a contract?
 - No, that is not sufficient
- Why is it not acceptable?
 - Cost of new items must be based on a comparison of similar items or be broken down into actual costs of materials, labor, equipment, etc.

Knowledge Check – Change Orders / Contract Modifications

- What is the difference between Participating and Non-Participating?
 - Participating indicates that the change to the contract may be eligible for federal funding. Non-participating items are funded by either state or local funding.
- What should you do if you do not know what the funding source for the change will be?
 - Contact the district or regional office.

National Pollutant Discharge Elimination System (NPDES)

- All construction projects that disturb greater than or equal to 1 acre of land will require a NPDES permit
 - Storm Water Discharge Associated with Construction Activity
 - Obtained from the Iowa Department of Natural Resources (Iowa DNR).

National Pollutant Discharge Elimination System (NPDES)

- Required by Iowa Code!
- Failure to obtain and fulfill obligations of this permit may have undesirable consequences.

Storm Water Discharge Permit

- The Contracting Authority must obtain a Stormwater Discharge Permit (it can not be done by the consultant)



TERRY E. BRANSTAD, GOVERNOR
KIM REYNOLDS, LT. GOVERNOR

STATE OF IOWA

DEPARTMENT OF NATURAL RESOURCES
CHUCK GIPP, DIRECTOR

DEPARTMENT OF NATURAL RESOURCES
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
NOTICE OF GENERAL PERMIT COVERAGE UNDER
GENERAL PERMIT NO. 2

STORM WATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITY

This notice of general permit coverage for a storm water discharge associated with construction activity is issued pursuant to the authority of section 402 (b) of the Clean Water Act (U.S.C. 1342(b)), Iowa Code 455B.174, and subrule 567--64.4(2), Iowa Administrative Code. A Notice of Intent has been filed with the Iowa Department of Natural Resources that this storm water discharge complies with the terms and conditions of NPDES General Permit No. 2. Authorization is hereby issued to discharge storm water associated with industrial activity as defined in Part VIII of the Iowa Department of Natural Resources NPDES General Permit No. 2 in accordance with the terms and conditions set forth in the permit.

Owner: HENRY COUNTY SECONDARY ROADS
PO BOX 655
MOUNT PLEASANT IA 52641
(319)385-0762

Permit Coverage Issued To:

**HENRY COUNTY SECONDARY ROADS, 220TH ST. IMPROVEMENTS;
PROJECT STP-S-CO44(77)--5E-44 - CONSTRUCTION
SITE IS ON 220TH ST. (COUNTY RD. H38), BEGINNING AT THE
INTERSECTION WITH 200TH ST. AND RACINE AVE. AND PROCEEDING
WEST APPROX. 6 MILES
in MOUNT PLEASANT, HENRY COUNTY
located at**

1/4 Section	Section	Township	Range
NE, NW, SE, SW-1, NE, SE-2, NE, NW-2, 3, 4, 5, 6, SE, SW-11, 32, 33, 34	33	71N, 72N	6W, 5W

Coverage Provided Through: 4/1/2017
NPDES Permit Discharge Authorization Number: 28387 - 28130
Discharge Authorization Date: 4/1/2016

**Project Description: CONSTRUCTION OF ROADWAY IMPROVEMENTS
INCLUDING REMOVAL, GRADING AND PORTLAND CEMENT CONCRETE (PCC)
PAVEMENT 43.0 ACRES**

Public Notice

- A public Notice of Intent must be published in local paper and proof of publication must be submitted with the permit application

AFFIDAVIT OF PUBLICATION

STATE OF IOWA }
Henry County } SS.

Mathew W. Bryant being first duly sworn on oath deposes and says that he is Publisher of the Mt. Pleasant News, and that he has knowledge of the facts herein alleged, and is the publisher of the Mt. Pleasant News, a weekly newspaper published in the city of Mt. Pleasant, Henry County, Iowa and that the Notice, a copy of which is hereto attached, was published for 1 consecutive days, in said Mt. Pleasant News 1 time 1 each day, the 1st insertion occurring the 25th day of February, 2016, the 2nd insertion the ___ day of _____, 2016, the 3rd insertion the ___ day of _____, 2016 and the 4th insertion the ___ day of _____, 2016.

Signed and dated this 26th day of February A.D. 2016

Mathew W Bryant

Printer's Legal Fee \$ 16.70

Subscribed and sworn to by Mathew W. Bryant
Before me this 26th day of February, 2016

Lois Diana Larson
Notary Public



PUBLIC NOTICE

PUBLIC NOTICE OF STORM WATER DISCHARGE

Henry County plans to submit a Notice of Intent to the Iowa Department of Natural Resources to be covered under the NPDES General Permit No. 2 "Storm Water Discharge Associated with Industrial Activity for Construction Activities."

The storm water discharge will be for grading and pavement replacement of 220th Street in Sections 1 and 2 of T-71N, R-6W, Section 2, 3, 4, 5 and 6 of T-71N, R-5W, and Sections 31, 32, 33, 34 and 35 of T-72N, R-5W, Henry County.

Storm water will be discharged from one point source with approximately 43 acres discharging to Big Creek.

Comments may be submitted to the Storm Water Discharge Coordinator, Iowa Department of Natural Resources, Environmental Protection Division, 502 E. 9th Street, Des Moines, IA 50319-0004. The public may review Notice of Intent from 8:00 a.m. to 4:30 p.m., Monday through Friday, at the above address after it has been received by the department.

Published in the Mt. Pleasant News February 26, 2016.

RECEIVED

FEB 29 2016

Henry County Engineer

Address Environmental Impacts

- If there is a Stormwater Discharge Permit the Prime Contractor must be a co-permittee to the permit.
- Sent with the Contract.

Cedar Valley Corp., LLC.

Bid Order: 108

Contract No.: 44-C044-077

Letting: 15Dec2015

This certification must be signed by an Officer of the Company and returned along with the signed contract to the Contracting Authority:
the BOARD OF SUPERVISORS OF HENRY COUNTY

STORM WATER DISCHARGE ASSOCIATED WITH INDUSTRIAL ACTIVITY FOR CONSTRUCTION ACTIVITIES.

Certification Statement

For the projects which include a Storm Water Pollution Prevention Plan (PPP) on the contract shown above:

"I certify under penalty of law that I understand the terms and conditions of the general (or individual, if applicable) National Pollutant Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site as part of this certification.

Further, by my signature, I understand that I am becoming a co-permittee, along with the owner(s) and other contractors and subcontractors signing such certifications, to the Iowa Department of Natural Resources NPDES General Permit No. 2 for "Storm Water Discharge Associated with Industrial Activity for Construction Activities" (or individual NPDES permit, if applicable) at the identified site. As a co-permittee, I understand that I, and my company, are legally required under the Clean Water Act and the Code of Iowa, to ensure compliance with the terms and conditions of the storm water pollution prevention plan developed under this NPDES permit and the terms of this NPDES permit."

Name Stephen R. Jackson
Type, Stamp or Print Legibly

Title President

Cedar Valley Corp., LLC.
2637 Wagner Road (UPS 50703)
PO Box 1740
Waterloo, IA 50704-1740

Phone: (319) 235-9537

Signed By



Date

1-7-16

Address Environmental Impacts

- Any subcontractors who will be doing work that could impact site runoff will need to sign on as co-permittees.
- C.M. Appendix 10-2

Form 0302 (02/05)



Iowa Department of Transportation

CO-PERMITTEE CERTIFICATION STATEMENT

Project No.: _____

County: _____ Proposal ID No.: _____

Prime Contractor: _____

Subcontractor: _____

Address: _____

Telephone No.: _____

I certify under penalty of law that I understand the terms and conditions of the general National Pollutant Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site as part of this certification.

Further, by my signature, I understand that I am becoming a co-permittee, along with the owner(s) and other contractors and subcontractors signing such certifications, to the Iowa Department of Natural Resources NPDES General Permit No. 2 for Storm Water Discharge Associated with Industrial Activity for Construction Activities at the identified site. As a co-permittee, I understand that I, and my company, are legally required under the Clean Water Act and the Code of Iowa, to ensure compliance with the terms and conditions of the storm water pollution prevention plan developed under this NPDES permit and the terms of this NPDES permit.

* Signature: _____

Title: _____

Date: _____

* Certification Statement shall be signed as follows:
Corporation – president or vice-president
Partnership – general partner
Proprietorship - proprietor

Co-Permittee Certification Statement

- It is the responsibility of the Contractor to obtain Co-Permittee Statements.
- These documents are to be submitted at the Pre-construction Conference.

Rockette Trucking & Construction, LLC.

Subcontractor: ROCKETTE TRUCKING & CONSTRUC Subcontractor Vendor ID: RO111
Address: 16553 EAST MISSION Division of Labor Registration: Y
STRAWBERRY POINT, IA 52076-8090 Telephone No.: (563)933-2035

Line No.	Item Description	Quantity	Unit Price	"A"	\$ Amount	Partial Item
0050	GRANULAR SHLD, TYPE	5,373.00	\$21.70000	\$116,594.1	\$116,594.10	N
0110	SURF, DRIVEWAY, CL A	469.000	\$22.70000	\$10,646.30	\$10,646.30	N
0380	MOBILIZATION	1.000	\$6,000.000	\$6,000.000	\$6,000.00	Y

Rockette Trucking & Construction , LLC.

Form 830215wd (09-08)



Iowa Department of Transportation

CO-PERMITTEE CERTIFICATION STATEMENT

Project No.: STP-S-C044(77)--5E-44

County: Henry Proposal ID No.: 44-C044-077

Prime Contractor: Cedar Valley Corp., LLC.

Subcontractor: Rockette Trucking & Construction, LTD.

Address: 16553 East Mission Road, Strawberry Point, IA 52076

Telephone No.: 563-933-2094

I certify under penalty of law that I understand the terms and conditions of the general National Pollutant Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site as part of this certification.

Further, by my signature, I understand that I am becoming a co-permittee, along with the owner(s) and other contractors and subcontractors signing such certifications, to the Iowa Department of Natural Resources NPDES General Permit No. 2 for Storm Water Discharge Associated with Industrial Activity for Construction Activities at the identified site. As a co-permittee, I understand that I, and my company, are legally required under the Clean Water Act and the Code of Iowa, to ensure compliance with the terms and conditions of the storm water pollution prevention plan developed under this NPDES permit and the terms of this NPDES permit.

* Signature: *Conni Ross Steyer*
Title: *PRESIDENT*
Date: *2-8-16*

- * Certification Statement shall be signed as follows:
 - Corporation – president or vice-president
 - Partnership – general partner
 - Proprietorship - proprietor

Peterson Contractors, Inc.

Subcontractor: PETERSON CONTRACTORS INC.

Subcontractor Vendor ID: PE320

Address: 104 BLACK HAWK
P.O. BOX A
REINBECK, IA 50669-0155

Division of Labor Registration: Y

Telephone No.: (319)345-2713

Line No.	Item Description	Quantity	Unit Price	"A"	\$ Amount	Partial Item
0010	EXCAVATION, CL 10, R	14,763.0	\$6.30000	\$0.00000	\$93,006.90	N
0020	TOPSOIL, STRIP, SALV	1,855.00	\$5.00000	\$0.00000	\$9,275.00	N
0030	SUBGRADE STABIL MAT	94,004.5	\$1.20000	\$0.00000	\$112,805.40	N
0040	MODIFIED SUBBASE, PL	22,026.0	\$4.25000	\$0.00000	\$93,610.50	N
0060	SHLD FINISH, EARTH	650.800	\$67.00000	\$0.00000	\$43,603.60	N
0120	RMVL OF EXIST STRUCT	1.000	\$18,000.00	\$0.00000	\$18,000.00	N
0130	GRANULAR BACKFILL	2,396.00	\$20.00000	\$0.00000	\$47,920.00	N
0140	EXCAVATION, CL 20, R	5,083.00	\$5.00000	\$0.00000	\$25,415.00	N
0150	APRON, CONC, 24"	4.000	\$900.00000	\$0.00000	\$3,600.00	N
0160	APRON, CONC, 30"	8.000	\$925.00000	\$0.00000	\$7,400.00	N
0170	APRON, CONC, 36"	14.000	\$1,600.000	\$0.00000	\$22,400.00	N
0180	APRON, CONC, 42"	2.000	\$1,800.000	\$0.00000	\$3,600.00	N
0190	APRON, CONC, 60"	2.000	\$3,100.000	\$0.00000	\$6,200.00	N
0200	APRON, CONC, 78"	2.000	\$4,250.000	\$0.00000	\$8,500.00	N

Peterson Contractors, Inc.

Subcontractor: PETERSON CONTRACTORS INC.

Subcontractor Vendor ID: PE320

Address: 104 BLACK HAWK

Division of Labor Registration: Y

P.O. BOX A
REINBECK, IA 50669-0155

Telephone No.: (319)345-2713

0210	CULV, CONC RDWY PIPE	110.000	\$60.00000	\$0.00000	\$6,600.00	N
0220	CULV, CONC RDWY PIPE	252.000	\$70.00000	\$0.00000	\$17,640.00	N
0230	CULV, CONC RDWY PIPE	488.000	\$98.00000	\$0.00000	\$47,824.00	N
0240	CULV, CONC RDWY PIPE	84.000	\$115.00000	\$0.00000	\$9,660.00	N
0250	CULV, CONC RDWY PIPE	84.000	\$190.00000	\$0.00000	\$15,960.00	N
0260	CULV, CONC RDWY PIPE	120.000	\$325.00000	\$0.00000	\$39,000.00	N
0270	CULV, CMP ENT, 15"	50.000	\$40.00000	\$0.00000	\$2,000.00	N
0280	SUBDRAIN, PVC, STD,	100.000	\$15.00000	\$0.00000	\$1,500.00	N
0290	SUBDRAIN, PVC, STD,	100.000	\$17.50000	\$0.00000	\$1,750.00	N
0300	SUBDRAIN, PVC, STD,	100.000	\$20.00000	\$0.00000	\$2,000.00	N
0310	FLOWABLE MORTAR	959.000	\$110.00000	\$0.00000	\$105,490.00	N
0320	ENGINEER FABRIC	183.000	\$5.00000	\$0.00000	\$915.00	N
0330	REVTMENT, CLASS E	149.000	\$40.00000	\$0.00000	\$5,960.00	N
0340	RMVL+CRUSH OF PAV'T	79,707.2	\$4.00000	\$0.00000	\$318,828.80	Y
0380	MOBILIZATION	1.000	\$36,000.00	\$0.00000	\$36,000.00	Y

Peterson Contractors, Inc.

Form 800215wd (09-08)

75454



Iowa Department of Transportation

CO-PERMITTEE CERTIFICATION STATEMENT

Project No.: STP-S-C044(77)--5E-44

County: Henry Proposal ID No.: 44-C044-077

Prime Contractor: Cedar Valley Corp., LLC.

Subcontractor: Peterson Contractors, Inc.

Address: 104 Blackhawk Street, PO Box A, Reinbeck, IA 50669

Telephone No.: 319-345-2713

I certify under penalty of law that I understand the terms and conditions of the general National Pollutant Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site as part of this certification.

Further, by my signature, I understand that I am becoming a co-permittee, along with the owner(s) and other contractors and subcontractors signing such certifications, to the Iowa Department of Natural Resources NPDES General Permit No. 2 for Storm Water Discharge Associated with Industrial Activity for Construction Activities at the identified site. As a co-permittee, I understand that I, and my company, are legally required under the Clean Water Act and the Code of Iowa, to ensure compliance with the terms and conditions of the storm water pollution prevention plan developed under this NPDES permit and the terms of this NPDES permit.

* Signature: *Paul Peterson*

Title: president

Date: 2-10-16

- * Certification Statement shall be signed as follows:
 - Corporation – president or vice-president
 - Partnership – general partner
 - Proprietorship - proprietor

Iowa Plains Signing, Inc.

Subcontractor: IOWA PLAINS SIGNING, INC.

Subcontractor Vendor ID: IO250

Address: HWY 210 W

Division of Labor Registration: Y

P.O. BOX 654

SLATER, IA 50244-0654

Telephone No.: (515)685-3536

Line No.	Item Description	Quantity	Unit Price	"A"	\$ Amount	Partial Item
0350	SAFETY CLOSURE	14.000	\$50.00000	\$0.00000	\$700.00	N
0360	PAINTED PAV'T MARK,	841.990	\$14.55000	\$0.00000	\$12,250.95	N
0370	TRAFFIC CONTROL	1.000	\$15,911.00	\$0.00000	\$15,911.00	N
Signature (Prime Contractor)			Totals:	\$0.00 (a)	\$28,861.95	

Iowa Plains Signing, Inc.

Form 830215wd (06-08)



Iowa Department of Transportation

CO-PERMITTEE CERTIFICATION STATEMENT

Project No.: STP-S-C044(77)--5E-44

County: Henry Proposal ID No.: 44-C044-077

Prime Contractor: Cedar Valley Corp., LLC.

Subcontractor: Iowa Plains Signing, Inc.

Address: 1110 W. 6th Avenue, P.O. Box 654, Slater IA 50244-0654

Telephone No.: 515-685-3536

I certify under penalty of law that I understand the terms and conditions of the general National Pollutant Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site as part of this certification.

Further, by my signature, I understand that I am becoming a co-permittee, along with the owner(s) and other contractors and subcontractors signing such certifications, to the Iowa Department of Natural Resources NPDES General Permit No. 2 for Storm Water Discharge Associated with Industrial Activity for Construction Activities at the identified site. As a co-permittee, I understand that I, and my company, are legally required under the Clean Water Act and the Code of Iowa, to ensure compliance with the terms and conditions of the storm water pollution prevention plan developed under this NPDES permit and the terms of this NPDES permit.

* Signature: _____

Title: _____

Date: 2-10-16

* Certification Statement shall be signed as follows:
Corporation – president or vice-president
Partnership – general partner
Proprietorship - proprietor

Country Landscapes, Inc.

Subcontractor: COUNTRY LANDSCAPES, INC.

Subcontractor Vendor ID: C0825

Address: 56985 LINCOLN HIGHW

Division of Labor Registration: Y

AMES, IA 50010-0000

Telephone No.: (515)232-6864

Line No.	Item Description	Quantity	Unit Price	"A"	\$ Amount	Partial Item
0380	MOBILIZATION	1.000	\$2,500.0000	\$0.00000	\$2,500.00	Y
0390	MULCH	17.300	\$625.00000	\$0.00000	\$10,812.50	N
0400	SEED+FERTILIZE (RURA	17.300	\$650.00000	\$0.00000	\$11,245.00	N
0410	SILT FENCE	270.000	\$2.00000	\$0.00000	\$540.00	N
0420	SILT FENCE-DITCH CHE	330.000	\$2.50000	\$0.00000	\$825.00	N
0430	MAINT OF SILT FENC/S	300.000	\$0.25000	\$0.00000	\$75.00	N
0440	PERIMETER+SLOPE SEDI	260.000	\$3.25000	\$0.00000	\$845.00	N
0450	MOBILIZATION, EROSION	1.000	\$500.00000	\$0.00000	\$500.00	N

Country Landscapes, Inc.

Form 830215wd (08-08)



Iowa Department of Transportation

CO-PERMITTEE CERTIFICATION STATEMENT

Project No.: STP-S-C044(77)--5E-44

County: Henry Proposal ID No.: 44-C044-077

Prime Contractor: Cedar Valley Corp., LLC.

Subcontractor: Country Landscapes, Inc.

Address: 56985 Lincoln Highway, Ames, IA 50010

Telephone No.: 515-232-6864

I certify under penalty of law that I understand the terms and conditions of the general National Pollutant Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site as part of this certification.

Further, by my signature, I understand that I am becoming a co-permittee, along with the owner(s) and other contractors and subcontractors signing such certifications, to the Iowa Department of Natural Resources NPDES General Permit No. 2 for Storm Water Discharge Associated with Industrial Activity for Construction Activities at the identified site. As a co-permittee, I understand that I, and my company, are legally required under the Clean Water Act and the Code of Iowa, to ensure compliance with the terms and conditions of the storm water pollution prevention plan developed under this NPDES permit and the terms of this NPDES permit.

* Signature: 

Title: Field Superintendent

Date: 2-29-2016

- * Certification Statement shall be signed as follows:
 - Corporation – president or vice-president
 - Partnership – general partner
 - Proprietorship - proprietor

Pollution Prevention Plan

Storm Water Site Inspections

- Inspections required at least once every 7 days.
- Inspections are conducted jointly with a representative of both the contracting authority and the contractor AND both must sign the inspection form.
- Any deficiencies must be corrected within 3 days

Pollution Prevention Plan

Storm Water Site Inspections

- Erosion control measures and inspections **must** be maintained through winter shut down.
- Prime Contractor must be prepared to install erosion control features if Subcontractor is not available.



STORM WATER SITE INSPECTION
Inspections Made At Least Once Every Seven Calendar Days

Storm Water Site Inspection

Inspection Date and Time: _____

Project Number: _____ County: _____

DNR Authorization Number: IA _____ - _____

Inspection Made By: _____ Title: _____

Comments and Observations:

Deficiencies Found and Additions Required (Include Specific Locations):

Contractor Notification (Name, Notification Date, and Time of Notification):

Date of Corrective Action (Within 3 Days of Inspection) and Corrective Action Performed:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Inspector's Signature: _____ Date: _____

Contractor's Signature: _____ Date: _____

Form 8302 14
07-14



STORM WATER SITE INSPECTION

Inspections Made At Least Once Every Seven Calendar Days

Inspection Date and Time: _____

Project Number: _____ County: _____

DNR Authorization Number: IA _____ - _____

Inspection Made By: _____ Title: _____

Comments and Observations:

- Provide station ranges of areas inspected.
 - o Include types of erosion & sediment control measures (ESCM'S) inspected (such as silt fence, rock check dams, etc.).
- Note any ESCM's that were installed or areas where stabilization has been completed since previous inspection.
 - o In lieu of listing all locations, you may include a reference to specific IDR's or include a photocopy of notes from a field book.
 - o Record any areas where land disturbing activities have been temporarily or permanently suspended.
 - o Every effort should be made to access all areas of the site, especially critical areas (discharge points). However, if you are unable to access some areas, then record these locations.
 - o Document suspension of inspections and reason for suspension here, such as when inspections will be performed under another project/contract (e.g. if inspections began on a culvert project but will then be covered under the grading project – note the suspension on the last culvert inspection report).
 - o Document the station range if ceasing inspections on only a portion of the project.

Deficiencies Found and Additions Required (Include Specific Locations):

- Include any **new ESCM's that are needed or existing ESCM's that require correction or maintenance.**
 - **Location information** may include station and Lt., Rt. or Med.
 - Information needs to be specific enough so deficiency could be located by another individual.
- Note areas where stabilization is required.
- Document any **locations of needed housekeeping items,** such as off-site tracking that needs to be cleaned up.
- Include any issues of permit non-compliance, such as visible off-site sediment discharge.

Contractor Notification (Name, Notification Date, and Time of Notification):

- Types of Notification include direct, email, phone, fax, or written order.

Date of Corrective Action (Within 3 Days of Inspection) and Corrective Action Performed:

- If this section is filled in after date of signature below, then date this section.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Inspector's Signature: _____ Date: _____

Contractor's Signature: _____ Date: _____



STORM WATER SITE INSPECTION

Inspections Made At Least Once Every Seven Calendar Days

Inspection Date and Time: 4-7-16 4:00 pm
Project Number: STP-S-CO44(77)-5E-44 County: HENRY
DNR Authorization Number: IA 28387 - 28130
Inspection Made By: Lloyd McIntyre Title: Assist. to the Eng.

Comments and Observations:

Plan erosion control measures have been installed
No Rain Event

Deficiencies Found and Additions Required (Include Specific Locations):

Contractor Notification (Name, Notification Date, and Time of Notification):

Date of Corrective Action (Within 3 Days of Inspection) and Corrective Action Performed:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Inspector's Signature:  Date: 4/7/16

Contractor's Signature:  Date: 4/7/16



STORM WATER SITE INSPECTION
Inspections Made At Least Once Every Seven Calendar Days

Inspection Date and Time: 4/14/16 4:00 pm
Project Number: STP-S-CO44(77)--5E-44 County: HENRY
DNR Authorization Number: IA 28387 - 28130
Inspection Made By: Lloyd M'Intyre Title: Assist to the Eng.

Comments and Observations:

Dale Harmon IDOT was on site identifying deficiencies with
site erosion control

No rain events

Deficiencies Found and Additions Required (Include Specific Locations):

Existing silt fences do not extend far enough, ditch checks
are needed at all ditch locations leaving project site
Erected silt fence needs to meet standards

Contractor Notification (Name, Notification Date, and Time of Notification):

Cedar Valley was notified Tom Bonner 4-15-16 8:00am

Date of Corrective Action (Within 3 Days of Inspection) and Corrective Action Performed:

4-19-16 Country Landscapes was fixing deficiencies
4-20-16 Country Landscapes fixing deficiencies

RM 4/21/16

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Inspector's Signature:



Date:

4-14-16

Contractor's Signature:



Date:

4/14/16



STORM WATER SITE INSPECTION
Inspections Made At Least Once Every Seven Calendar Days

Inspection Date and Time: 4-21-16

Project Number: STP-S-CO44(77)--5E-44

County: HENRY

DNR Authorization Number: IA 28387 - 28130

Inspection Made By: Lloyd McIntyre

Title: Assist to the Eng.

Comments and Observations:

Rain fall Wednesday April 20, 2016. Trace - 0.02

Updated erosion control measures look good

Late Afternoon rains 2:30pm - 4:00pm approximately 0.06'

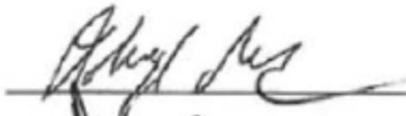
Deficiencies Found and Additions Required (Include Specific Locations):

Contractor Notification (Name, Notification Date, and Time of Notification):

Date of Corrective Action (Within 3 Days of Inspection) and Corrective Action Performed:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

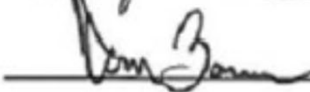
Inspector's Signature:



Date:

4-21-16

Contractor's Signature:



Date:

4/21/16



STORM WATER SITE INSPECTION
Inspections Made At Least Once Every Seven Calendar Days

Inspection Date and Time: JULY 8, 2016 @ 2:30pm
Project Number: STP-S-CO44(77)- -5E-44 County: Henry
DNR Authorization Number: IA 28387 - 28130
Inspection Made By: Lloyd McIntyre Title: Assistant to the Eng.

Comments and Observations:

Precipitation:

Saturday July 2, 2016 - 0.02"
Sunday July 3, 2016 - 0.06"
Wednesday July 6, 2016 - 0.78"
Thursday July 7, 2016 - 1.25"

Erosion Control measures are functioning properly

Deficiencies Found and Additions Required (Include Specific Locations):

No deficiencies found or additions required at this time.

Contractor Notification (Name, Notification Date, and Time of Notification):

Date of Corrective Action (Within 3 Days of Inspection) and Corrective Action Performed:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Inspector's Signature:  Date: 7-8-16

Contractor's Signature:  Date: 7/8/16

Notice of Discontinuation

After 70% of the permanent seeding has been established a Notice of Discontinuation is submitted.

NOTICE OF DISCONTINUATION

COPY

OF A STORM WATER DISCHARGE COVERED UNDER IOWA NPDES GENERAL PERMIT NO. 2 FOR CONSTRUCTION ACTIVITIES

Name of the owner or facility to which the storm water discharge general permit coverage was issued. <u>Henry County Secondary Roads</u> County: <u>Henry</u>
List the complete permit authorization number for the discharge. This number is provided on the bottom of the authorization sheet. IA - <u>28387</u> -- <u>28/30</u>
List the date the construction site reached final stabilization as defined on the back of this form. <u>11/15/16</u>

The following certification must be signed in accordance with the signatory requirements of the general permit (see back side).

I certify under penalty of law that disturbed soils at the identified facility have been finally stabilized and temporary erosion and sediment control measures have been removed or will be removed at an appropriate time. I understand that by submitting this Notice of Discontinuation, I am no longer authorized to discharge storm water associated with industrial activity for construction activities by Iowa Department of Natural Resources NPDES General Permit No. 2 and that discharging pollutants from storm water associated with industrial activity to waters of the United States is unlawful under the Clean Water Act where the discharge is not authorized by an NPDES permit.

I further certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for known violations.

Jako Hetch Kiss Name (print) Henry County Engineer Title
JH Signature 11/17/16 Date

Return to: Storm Water Coordinator
Department of Natural Resources
502 E. 9th Street
Des Moines, IA 50319-0034

CM 7.10 Permanent Erosion Control

- Urban & Rural seeding:
 - March 1 to May 31
 - August 10 to September 30
- Native & Wetland Grass seeding
 - April 1 to June 30
 - Effective April 14, 2014 letting:
 - April 1 to May 31 and
 - November 1 to unsuitable conditions or frost
- Wildflower seeding:
 - April 15 to June 30

CM 7.10 Permanent Erosion Control

- Seeding date extension notices will be posted on the Office of Construction and Materials website at:

http://www/iowadot.gov/Construction_Materials/earthwork.html

CM 7.30 Mulch

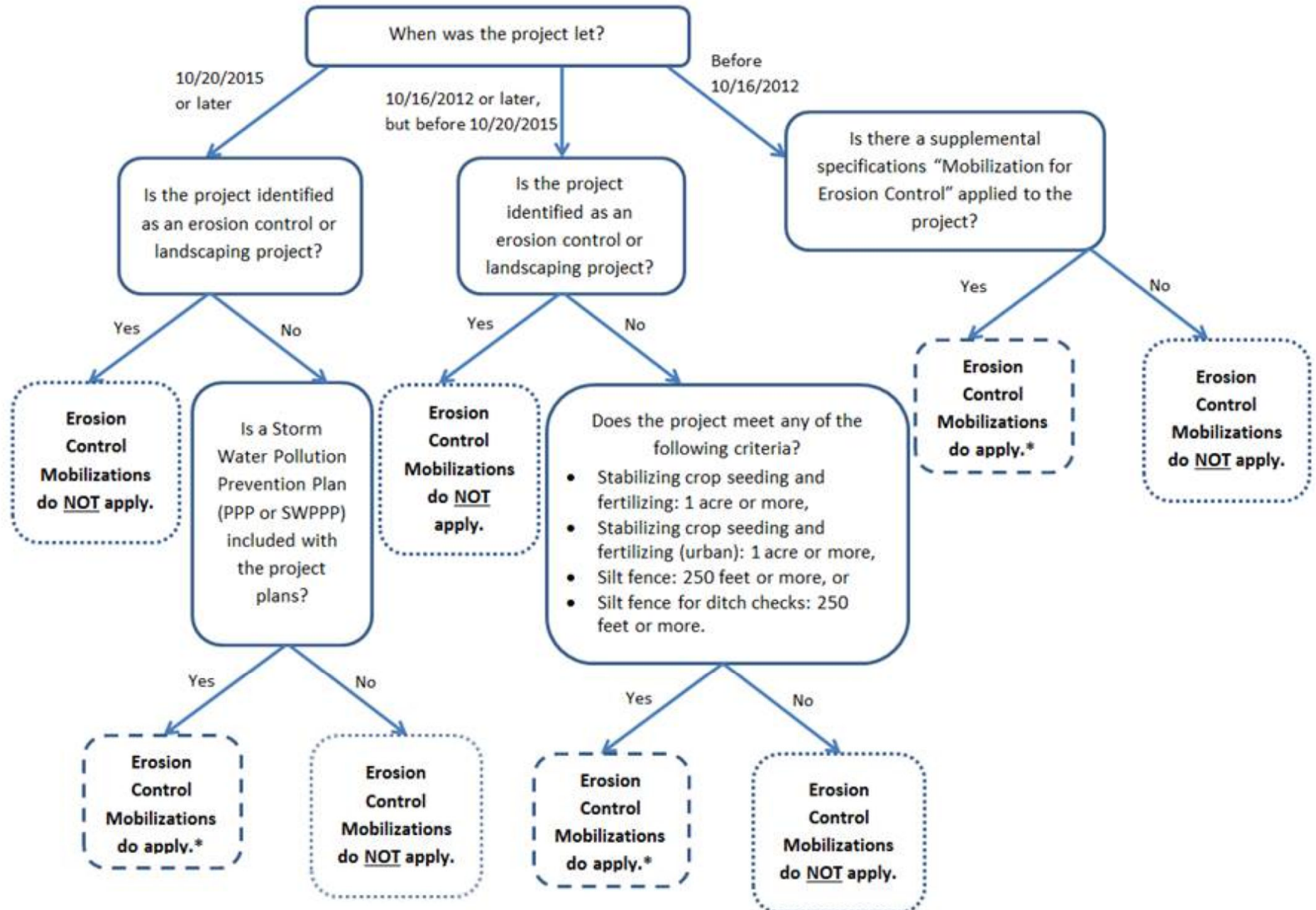
- All permanent seeding with prepared seedbeds are required to be mulched.
- The mulch shall be “blown” and “tucked in” as soon after seeding as possible.
- Weight tickets are required for all mulch.
- All mulch shall be Certified Noxious Weed Seed Free Mulch as certified by the Iowa Crop Improvement Assoc. (ICIA).

http://www.iowacrop.org/Week_Free.htm

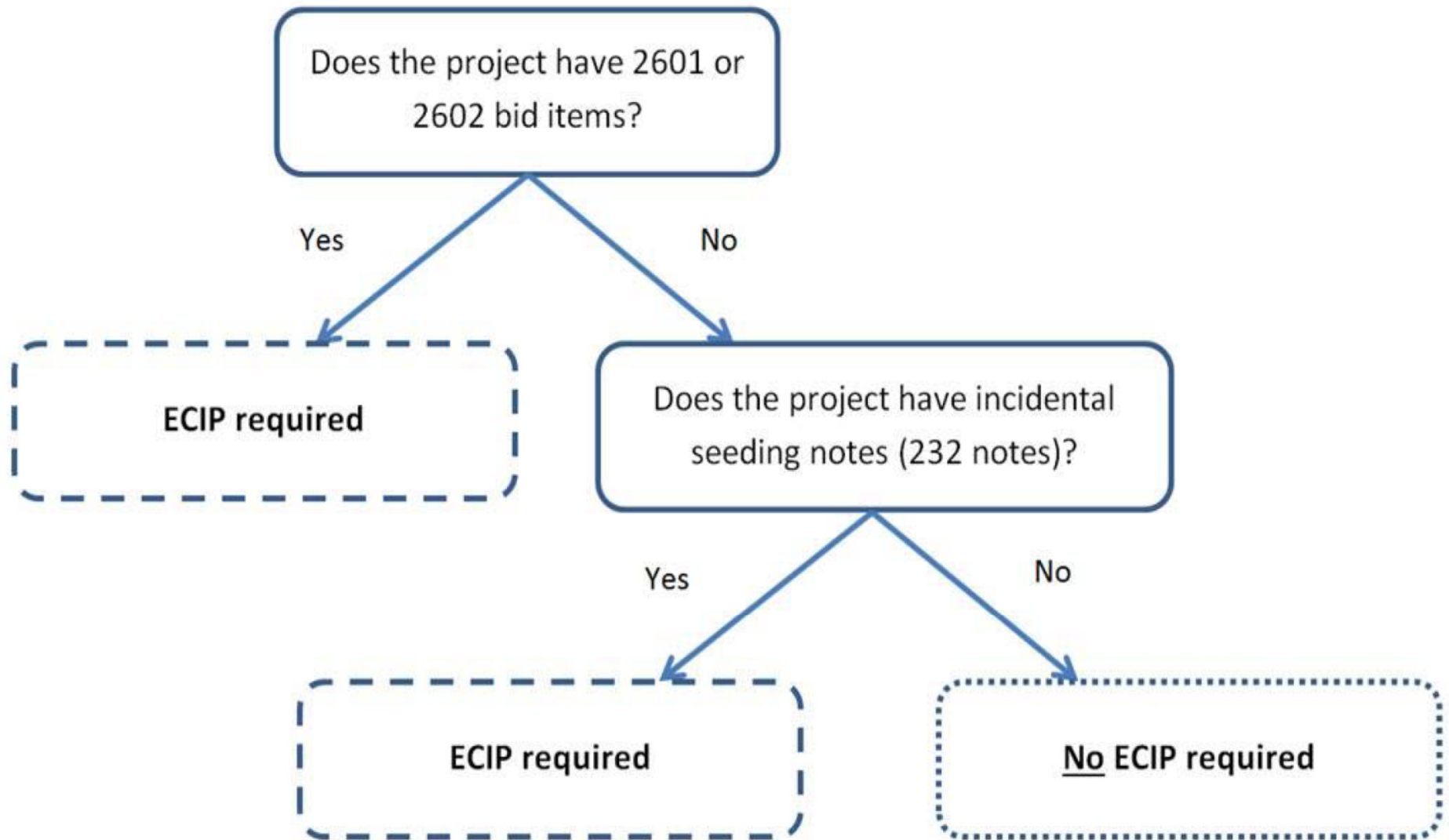
CM 7.42 Mobilization for Erosion Control

- Article 2602.03, L
 - Mobilizations, Erosion Control, applies to projects not identified as erosion control or landscaping and contain a Storm Water Pollution Prevention Plan (SWPPP).

Should Mobilizations for Erosion Control apply to the project?



Is an Erosion Control Implementation Plan (ECIP) required?



Article 2602.03, L. Mobilizations, Erosion Control

- Only one mobilization will be paid for each stage of work described in the ECIP.
- Additional mobilizations not outlined in the ECIP must be approved by the Engineer.
- Payment for mobilization to correct items not properly installed will not be approved.

Article 2602.03, L.

Mobilizations, Erosion Control

- Mobilize within 72 hours of a written order.
- Complete work within 7 calendar days of a written order.
- Failure to mobilize and complete work within such time period, will result in a deduction of \$750.00 per calendar day.

Article 2602.03, M. Mobilizations, Emergency Erosion Control

- Emergency work requires immediate mobilization ... followed by immediate installation of temporary erosion control measures.
- Mobilize ... within eight hours of Engineer's written order to install temporary erosion control items on an emergency basis.
- Failure to mobilize within eight hours of written order, will result in a deduction of \$1500.00 per calendar day.

Article 2602.03, M. Mobilizations, Emergency Erosion Control

- The form 830214 contains the following questions:
 - Can Correction Action(s) be made within 72 hours after inspection? If no document why it is impracticable. Note: The permit requires Corrective Action be completed within 7 calendar days of the inspection.
 - Date of corrective action (start within 3 days of inspection) ...

Article 2602.0, B.

Payment for Mobilizations

- **Mobilizations, Erosion Control**
 - The quantity will be paid for at the unit price of \$500.00 each for Mobilizations, Erosion Control
- **Mobilizations, Emergency Erosion Control**
 - The quantity will be paid for at the unit price of \$1000.00 each for Mobilizations, Emergency Erosion Control

Country Landscapes, Inc.

Subcontractor: COUNTRY LANDSCAPES, INC.

Subcontractor Vendor ID: C0825

Address: 56985 LINCOLN HIGHW

Division of Labor Registration: Y

AMES, IA 50010-0000

Telephone No.: (515)232-6864

Line No.	Item Description	Quantity	Unit Price	"A"	\$ Amount	Partial Item
0380	MOBILIZATION	1.000	\$2,500.0000	\$0.00000	\$2,500.00	Y
0390	MULCH	17.300	\$625.00000	\$0.00000	\$10,812.50	N
0400	SEED+FERTILIZE (RURA	17.300	\$650.00000	\$0.00000	\$11,245.00	N
0410	SILT FENCE	270.000	\$2.00000	\$0.00000	\$540.00	N
0420	SILT FENCE-DITCH CHE	330.000	\$2.50000	\$0.00000	\$825.00	N
0430	MAINT OF SILT FENC/S	300.000	\$0.25000	\$0.00000	\$75.00	N
0440	PERIMETER+SLOPE SEDI	260.000	\$3.25000	\$0.00000	\$845.00	N
0450	MOBILIZATION, EROSIO	1.000	\$500.00000	\$0.00000	\$500.00	N

Erosion Control Implementation Plan (ECIP) Worksheet

Project No.:

County:

Type of Work:

Prime Contractor:


**Water Pollution
Control Manager
(WPCM):**

ECT

ESC Basics

Phone:

Erosion Control Technician (ECT) and Certification Number (unless satisfied by WPCM):



Additional ESC Basics Trained Individual(s) and Company:

Subcontractor responsible for installation & maintenance of erosion/sediment controls:

Name:

Company:

Address:

Phone:



Description of intended schedule and sequence of major land disturbing and erosion/sediment control activities (include number of mobilizations if required by specification):

Include staging and maintenance, method for winter shutdown and removal of temporary measures (if required for the project). Describe any additional measures that are needed due to late season work.

Describe measures necessary to control erosion based on your schedule or sequence of operations. Explain how you plan to implement erosion control plan in stages. Indicate measures that must be in place before grading begins.

Based on your staging, are there areas where additional erosion control beyond that shown in the plans is anticipated? If so, provide information.

Other:

Describe dewatering methods and locations. What controls will be used at the outlet?

Provide information regarding location and protection of stockpiles.

Updates:

Update ECIP to address changes in the order of operations or staging, weather changes, or any other changes required to comply with permit requirements.

Update ECIP to address changes in the number of mobilizations.

ECIP UPDATE CHECKLIST

	Install	Maintain	Remove	Location(s) and Schedule
Silt Fence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Silt Fence Ditch Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Perimeter & Slope Sediment Control Device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Rock	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Silt Basin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Stabilizing Seeding & Mulching	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Permanent Seeding & Mulching	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Other: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Other: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

CM 7.43 Erosion & Sediment Control Training & Certification

- The Contractor is required to have an Erosion & Sediment Control Basics trained individual onsite daily during construction activities (may be subcontractor).
 - *Document in the daily diary*
- On projects where there is a NPDES storm water permit, the Contractor is required to have an Erosion Control Technician on staff.
 - Effective April 15, 2014 letting

CM 7.43 Erosion & Sediment Control Training & Certification

- Additional information can be obtained at http://iowadot.gov/Construction_Materials/earthwork/ESControl_training.html
- A list of Erosion Control Technicians can be found at: <http://iowadot.gov/training/ttcp/cert.tech.pdf>
- A list of Erosion Control Basics training technicians can be found at: <http://iowadot.gov/training/ttcp/Erosion%20Control%20Basic.pdf>

Article 2602.01 D. Water Pollution Control Quality Control

- Contractor must designate a **Water Pollution Control Manager (WPCM)** prior to initiating any construction activities.
 - Must be Iowa DOT Erosion & Sediment Control Basics (ESC Basics) web-based trained or hold a current Erosion Control (ECT) certification
- Point of contact for Contracting Authority regarding storm water compliance.

Article 2602.01 D. Water Pollution Control Quality Control

- Visit the Project no less than once per week during construction activities.
 - When the Contractor is not mobilized onsite, the Contractor may delegate this responsibility to a subcontractor.

Article 2602.01 D. Water Pollution Control Quality Control

- Maintain an ESC Basics training individual that will be onsite daily during construction activities.
 - Responsible for coordinating all erosion and sediment control operations.
 - The Contractor may subcontract this responsibility.

Article 2602.01 D. Water Pollution Control Quality Control

- Maintain an ESC Basics training individual that will be onsite daily during construction activities.
 - Responsible for coordinating all erosion and sediment control operations.
 - The Contractor may subcontract this responsibility.

Article 2602.01 D. Water Pollution Control Quality Control

- ESC Basics trained individual (can be the WPMC) that shall not be subcontracted include:
 - Attend required storm water inspections with the Contracting Authority.
 - Prepare required initial Erosion Control Implementation Plan (ECIP) submittal and ECIP updates.
 - Attend construction progress meetings to discuss erosion and sediment control issues.



This is to certify that

THOMAS C BONNER

has successfully met the testing requirements and is recognized as a

**Certified Erosion Control
Technician**

A handwritten signature in black ink, appearing to read 'G L Malden', is written over a horizontal line. Below the line, the text 'Program Director' is printed in a standard sans-serif font.

12/31/18

Expiration Date

EC921

Certificate No.

Knowledge Check – Storm Water Management



Knowledge Check – Storm Water Management

- How often must Storm Water Site Inspections be performed?
 - Once every seven calendar days.
- If there are deficiencies found during a Storm Water Site Inspection, by the Permit what time frame is allowed for corrections?
 - Permit requires correction actions be completed within seven calendar days following inspection.

Knowledge Check – Storm Water Management

- Which subcontractors need to have signed Co-Permit Certification Statements on file?
 - Any subcontractors performing work that could either have potential for erosion or that are performing work to prevent erosion from happening.
- What form is completed once soil disturbing activities are completed and at least 70% of permanent seeding has been established?
 - Notice of Discontinuation

Knowledge Check – Storm Water Management

- What are the normal periods (dates) for permanent urban and rural seeding?
 - March 1 to May 31 and August 10 to September 30.
- What are the normal periods (dates) for permanent urban and rural seeding?
 - April 1 to May 31 and November 1 until ground conditions are unsuitable for seeding due to moisture or frost.

Knowledge Check – Storm Water Management

- If there is a major rain event that causes the erosion control measures to fail (an emergency event) and the contractor is notified to come to the site and make corrections, what is the cost for that mobilization to occur?

➤ \$1000.00

Knowledge Check – Storm Water Management

- If the contractor fails to respond within eight hours of the Engineer's written order to install temporary erosion control items for an emergency event, what action will be taken?
 - Failure to mobilize within eight hours of written order, will result in a deduction of \$1500.00 per calendar day.

Knowledge Check – Storm Water Management

- Who is the point of contact for Contracting Authority regarding storm water compliance?
 - The Contractor's Water Pollution Control Manager (WPCM).