

LETTING DATE **MARCH 19, 2019**

HARDIN COUNTY

RCB CULVERT REPLACEMENT - SINGLE BOX

UTILITY CONTACTS		
UTILITY	CONTACT	PHONE #
TELEPHONE	HEART OF IOWA	641-486-2211
FIBER OPTIC	WINDSTREAM COMMUNICATIONS	1-800-347-1991

281-2
10-15-13
INDIVIDUAL STORM WATER PERMIT

This project is regulated by the requirements of Iowa Department of Natural Resources (DNR) National Pollutant Discharge Elimination System (NPDES) permit, Permit No. IA-34199-33985. A copy of this permit is available from the Iowa DOT Office of Contracts upon request. Co-permittee certification statement requirements from Standard Specifications Section 2602 apply.

281-1
10-18-16
SECTION 404 PERMIT AND CONDITIONS

Construct this project according to the requirements of U.S. Army Corps of Engineers, Permit No. CEMVR-ODD-P-2018-1387. A copy of this permit is available from the Iowa DOT website (<http://www.enrpermits.iowadot.gov/>). The U.S. Army Corps of Engineers reserves the right to visit the site without prior notice.

DRAWING APPROVAL

ALL SHOP DRAWINGS AND FASTENWORK DRAWINGS THAT REQUIRE APPROVAL SHALL BE SUBMITTED TO AND SIGNED BY A LICENSED ENGINEER. THE APPROVED DRAWINGS SHALL THEN BE SUBMITTED TO HARDIN COUNTY ENGINEERS OFFICE, FOR REVIEW AND APPROVAL.

ADDRESS
708 18TH ST
ELDORA, IA 50827
ELDERMAN ST
ELDERMAN ST
ELDERMAN ST
FAX: 641 858 5182

SHOP DRAWINGS SHALL BE INDEPENDENT DRAWINGS WITH ADEQUATE DIMENSIONING FOR FABRICATION OF INDIVIDUAL PIECES OF EACH COMPONENT. PHOTOCOPIES OF PLAN DRAWINGS AND NON-CONTRACTOR APPROVED PLANS WILL BE REJECTED.

THESE DRAWINGS SHALL NOT BE SENT TO IOWA DOT OFFICE OF BRIDGES AND STRUCTURES

IOWA DEPARTMENT OF TRANSPORTATION

HIGHWAY DIVISION PLANS OF PROPOSED IMPROVEMENT ON THE FARM TO MARKET SYSTEM HARDIN COUNTY RCB CULVERT REPLACEMENT - SINGLE BOX

ON 215th St. : 450 FEET EAST OF N/ESW COR. 31-88-19
(North Washington)

REFER TO THE PROPOSAL FORM FOR LIST OF APPLICABLE SPECIFICATIONS

PROJECT TRAFFIC CONTROL PLAN

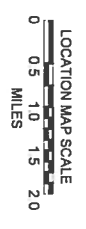
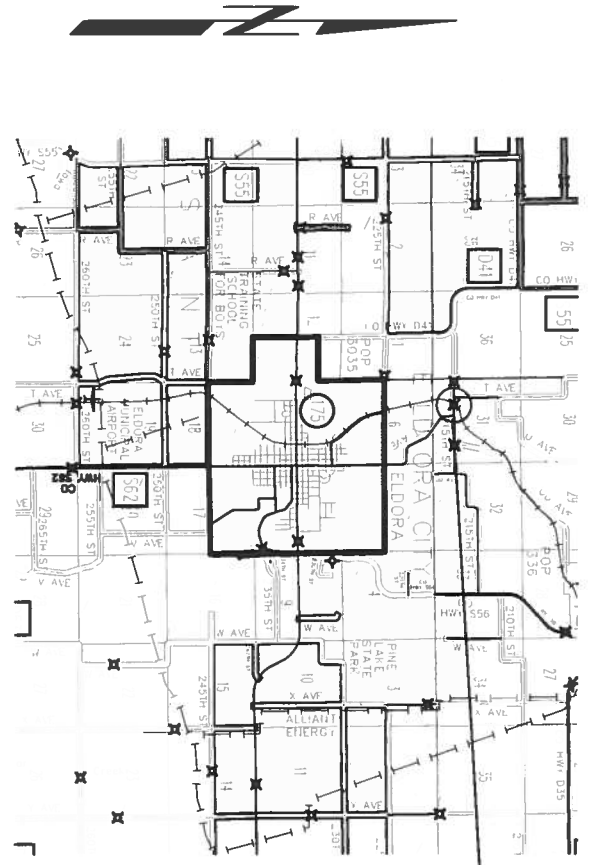
THIS ROAD WILL BE CLOSED TO THROUGH TRAFFIC DURING CONSTRUCTION. LOCAL TRAFFIC TO ADJACENT PROPERTIES WILL BE MAINTAINED. ALL BARRICADES, SIGNS, AND SAFETY CLOSURES SHALL BE FURNISHED, PLACED, AND MAINTAINED BY THE CONTRACTOR. TRAFFIC CONTROL DEVICES, PROCEDURES, LAYOUTS, SIGNING, AND PAVEMENT MARKINGS INSTALLED WITHIN THE LIMITS OF THIS PROJECT SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" AS ADOPTED BY THE DEPARTMENT PER 761 OF THE IOWA ADMINISTRATIVE CODE (IAC) CHAPTER 130.

STANDARD ROAD PLANS

THE FOLLOWING STANDARD PLANS SHALL BE CONSIDERED APPLICABLE TO CONSTRUCTION WORK ON THIS PROJECT.

IDENTIFICATION	DATE	IDENTIFICATION	DATE	IDENTIFICATION	DATE
DR-111	4-17-18	EW-101	10-17-17	EW-102	10-20-15
DR-303	10-17-17	EC-201	10-16-18	TC-252	04-19-16
DR-305	04-17-18	EC-204	04-18-17		
EC-204	04-18-17	EC-502	04-21-15		

STA 15+23
PROPOSED SINGLE 12' x 12' x 60" REINFORCED
CONCRETE BOX CULVERT - SINGLE BOX
45° SKEW LT. AHEAD



2013 AADT 70 V.P.D.

PROJECT NUMBER: FM-C042(97)--55-42

INDEX OF SHEETS

NO.	TITLE SHEET	DESCRIPTION
1	TITLE SHEET	
2	ESTIMATE OF QUANTITIES AND REFERENCE NOTES	
3	POLLUTION PREVENTION PLAN	
4	POLLUTION PREVENTION PLAN	
5	SITUATION PLAN	
6	PLAN & PROFILE	
7	CROSS SECTIONS	
8	CROSS SECTIONS	
9	CROSS SECTIONS	

MILEAGE SUMMARY

DIV.	LOCATION	LIN. FT.	MILES
	STA 11+05 TO STA 20+50 CULVERT AT STA. 15+23	945	0.178
	TOTAL PROJECT		0.178

SINGLE REINFORCED CONCRETE BOX CULVERT STANDARDS

THE FOLLOWING CULVERT STANDARDS SHALL BE CONSIDERED APPLICABLE TO CONSTRUCTION WORK ON THIS PROJECT.

STANDARD	DATE ISSUED	LATEST REVISION
RCB G1-12	APRIL 2012	07-2016
RCB 12-12-12	APRIL 2012	-
CBJ 3-12	APRIL 2012	07-2013
CBJ 4-12	APRIL 2012	07-2016
FWH 45-1-87	MAY 1987	1-1-1998
FWH 45-3-87	MAY 1987	04 - 2007
FWH 45-6-87	MAY 1987	1-1-1998

Chairperson
BJ Hoffman
Lance Granzow
Renee McCrellan
Approved Board of Supervisors

LICENSED PROFESSIONAL ENGINEER
TAYLOR CASEY ROLL 23210
I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Iowa.
Signature: Taylor Casey Roll
Date: 12-19-18
Printed or Typed Name: Taylor Casey Roll
My license renewal date is: December 31, 2019
Pages or sheets covered by this seal: Sheets 1 thru 9