# SHOULDER AND DRAINAGE REPAIR

ER-C097(125)--58-97

# IOWA **DEPARTMENT OF TRANSPORTATION**

**Highway Division** 

# **FARM TO MARKET SYSTEM WOODBURY COUNTY**

**EMERGENCY EROSION REPAIRS** PROJECT NO. ER-CO97(125)--58-97

Refer to Proposal Form for List of Applicable Specifications

ON D38-7 SITES BETWEEN K64 & HWY 31 AND ON D50-2 SITES BETWEEN HWY 31 AND L27 SOUTHBOUND REPAIR ROAD SLIDES ALONG COUNTY FEDERAL AID ROUTES

PLANS OF PROPOSED IMPROVEMENT ON THE

### No. A1 TITLE SHEET LOCATION PLAN B1 QUANTITY REFERENCE INFORMATION ESTIMATE OF QUANTITIES CULVERT EXTENSION AND SLIDE REPAIR DETAILS DDIR 12 SLIDE REPAIR LOCATION AND REPAIR DETAILS DDIR 13 24" RCP EXTENSION AND SLIDE REPAIR DETAILS DDIR 14 SHOULDER FORESLOPE AND DRAINAGE REPAIR DETAILS DDIR 15 REBAR LIST AND FORESLOPE REPAIR DETAILS DDIR 16 WINGWALL EXTENSION DETAILS DDIR 16 SHOULDER AND FORESLOPE REPAIR DETAILS DDIR 23

54" CMP ON 48" CMP DROP INTAKE W/SHOULDER AND FORESLOPE REPAIR DETAILS

**INDEX OF SHEETS** 

	REPAIR CONCRETE OUTLET WING WALLS DETAILS DDIR 25
C10	CULVERT EXTENSION AND SLIDE REPAIR DETAILS DDIR 26

Project Number: ER-CO97(125)--58-97

ROAD STANDARD FLANS							
The foll	owing Standard Plar	ns shall be consider	ed applicable to con	struction work on this	s project.		
Identification	Date	Identification	Date	Identification	Date		
DR-121	10-20-15						
EC-201	04-20-10						
EW-101	04-19-11						
TC-211	04-17-12						
TC-213	04-17-12						
TC-252	04-17-12						

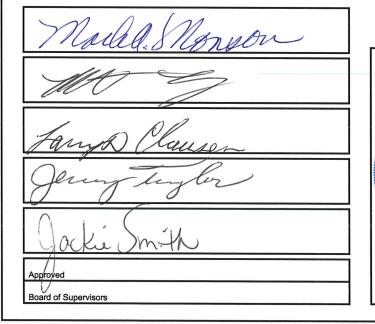
ROAD STANDARD PLANS

## TRAFFIC CONTROL PLAN

THIS ROAD WILL BE OPEN TO THROUGH TRAFFIC DURING CONSTRUCTION. TRAFFIC ROUTES ADJACENT TO PROPERTIES WILL BE MAINTAINED AS PROVIDED FOR IN ARTICLE 1107.08 OF THE CURRENT STANDARD SPECIFICATIONS. TRAFFIC CONTROL DEVICES, PROCEDURES, LAYOUTS, SIGNING, AND PAVEMENT MARKINGS INSTALLED WITHIN THE LIMITS OF THIS PROJECT SHALL CONFORM TO THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" AS ADOPTED BY THE DEPARTMENT PER 761 OF THE IOWA ADMINISTRATION CODE (IAC) CHAPTER 130.

MAINTENANCE OF SIGNS AND BARRICADES AS STATED IN ARTICLE 1107.09 SHALL APPLY ON THIS PROJECT.

SIGNING ON THIS PROJECT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE IN ACCORDANCE WITH ROAD STANDARD TC-211 AND TC-252





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

1/24/2016

Iowa Registration Number 11452 Expiration Date 12/31/2016

Pages or sheets covered by this seal: Pages A1, A2, B1, B2, C1 thru C10

2011 AADT 520-530 V.P.D.

