

# A d d e n d u m

Iowa Department of Transportation  
Office of Contracts

Date of Letting: January 21, 2015  
Date of Addendum: January 6, 2015

<b>B.O.</b>	<b>Proposal ID</b>	<b>Proposal Work Type</b>	<b>County</b>	<b>Project Number</b>	<b>Addendum</b>
007	29-0612-089	RECONSTRUCTION - BRIDGE WIDENING	DES MOINES	BRFN-061-2(89)--39-29	21JAN007.A01

Make the following change to the PLAN:

SHEET CS.1:

Add the attached Plan Sheet CS.1

104-9  
18-15-13

**LONGITUDINAL SUBDRAIN SHOULDER AND BACKSLOPE**

Refer to Soils Sheets

① Refer to EW-203, EW-204, or EW-211.  
\*Not a bid item

Line No.	Road or Lane Ident.	Location		Depth	SSide	Longitudinal Subdrain (RF-19C)		Shoulder		Backslope		Bridge Berm		Subdrain Outlet		Class "A" Crushed Stone	Remarks
		Station to Station	Station			Length	Size	Length	Size	Length	Size	Length	Type	Length	Size		
1	SBL	180+75.00	180+75.00	42.0	LT	10.0	18.0	4.0	18.0	180+75.00	6.0	RF-19E	0.9	0.2	EXTEND OUTLET AS NEEDED		
2	SBL	183+65.00	183+65.00	42.0	LT	51.0	18.0	4.0	18.0	183+65.00	6.0	RF-19E	47.2	0.2	NOTE 1		
3	SBL	205+00.00	205+00.00	42.0	RT	10.0	18.0	4.0	18.0	205+00.00	6.0	RF-19E	0.9	0.2	NOTE 2		
4	NBL	180+50.00	180+50.00	42.0	RT	10.0	18.0	4.0	18.0	180+50.00	6.0	RF-19E	0.9	0.2	EXTEND OUTLET AS NEEDED		
Totals						520.0						5	49.9	1.0			

NOTE 1: PRIOR TO SUBDRAIN INSTALLATION, THE CONTRACTOR SHALL, IN CONDUCTION WITH THE ENGINEER, DO A FINAL REVIEW AND COORDINATION OF SUBDRAIN LOCATIONS VERSUS SUBSEQUENT GEOMETRIC POST LOCATIONS SO AS TO AVOID ANY CONFLICTS.

NOTE 2: EXTEND LONGITUDINAL SUBDRAIN OUTLET THROUGH CROSS OVER AND RESTORE WHEN PROJECT IS COMPLETED.

103-7  
08-01-08

**SHRINKAGE DATA**

Material	%	Remarks
TOPSOIL	40%	
REMAINDER PROJECT CUT	30%	
		20 Cu. Yds. Boulder's

**EMBANKMENT WITH MOISTURE CONTROL**

Moisture content shall be within the limits of minus 2, and plus 2, percentage points of Optimum Moisture Content for maximum density within the area described and listed below.

Moisture Control is required for all Class 10 fill placed in all embankment areas. The minimum moisture content shall be 1.0 for all embankment and topsoil will not require moisture control.

**SPECIAL ATTENTION-SILVER FILL**

Special attention should be given to Article 2107.03 C, Standard Specification Series of 2012, on this project.

Design No. 112  
File No. 3035A

**GEOTECHNICAL DESIGN**

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.



Robert L. Stanley  
4-2-14  
DATE

Robert L. Stanley

Printed or typed name

By license renewal, due 14 December 31, 2014

Pages or sheets covered by this seal: CS-1

DES MOINES COUNTY PROJECT NUMBER BRFN-061-2(89) - 39-29

SHEET NUMBER CS-1

ENGLISH IOWA DOT DESIGN TEAM Stanley/Schappagh

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