

Agenda Item: 11.

**MEMORANDUM**

TO: Programs, Projects and Operations Subcommittee

FROM: Martin P. Cleveland, Construction Engineer

SUBJECT: Mud Creek Bank Stabilization Project  
Bids

DATE: November 22, 2011

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Attached are location map, typical cross-section and photographs for the referenced project site. Mud Creek Bank Stabilization Project is located east of Bellevue in Sarpy County. Mud Creek has levees located along it that tie into the Papio Creek Levee System. The stabilization project work consists of placing rock rip-rap along the eroding creek banks that will eventually endanger the Mud Creek levee's safety if not repaired. The bank erosion was worsened during 2010 highwater events on the Papio Creek System. The work includes the furnishing of the labor, materials, equipment, tools and incidentals necessary to install approximately 1,350 tons of rock riprap and 170 cubic yards of soil infill along approximately 100 feet of creek length. The soil infill is a requirement of the Corps of Engineers Section 404 permit. The contract provides for 20 working days to complete the project.

A bid summary is attached for your consideration. The apparent low bidder is Midwest Dumpers Inc. with a bid as follows:

1. Rock Ripap 1,350 tons (estimated) at \$39.50 per ton with total cost of \$53,865.00

Based on the estimated quantities, the total base bid is \$53,865.00. The Engineer's opinion of cost is \$54,000.

This work will be funded via funds included in the Channel and Levee Maintenance Contract Work (Account 591-4479). As of November 2011 the remaining funds in this account was \$1,578,513.

**It is Management's recommendation that the Subcommittee recommend to the Board of Directors that the General Manager be authorized to execute a contract for Mud Creek Bank Stabilization Project with Midwest Dumpers Inc., for their total base bid of \$53,865.00.**

## Summary of Bid Proposals

Project: Mud Creek Bank Stabilization Project  
 Opening Date: November 22, 2011

NRD Project No. 529L  
 Opening Time: 1:00 p.m.

Bidder Name:	1	2	3	4	5	6	7
	Midwest Dumpers Inc.	JMN Construction Inc.					
1. Riprap (1,350 Tons) Unit Price Bid (\$/Ton)	\$39.90	\$54.25					
TOTAL BASE BID	\$53,865.00	\$73,237.50					
Bid Bond (5%) Yes/No	Yes	Yes					
Rock Supplier	Martin Marietta	Martin Marietta					

\*Apparent Low Bidder is Midwest Dumpers, Inc.

Engineer's Estimate: \$54,000.00



Legal Description:  
NW 1/4 of SEC. 34, T14N, R13E  
Sarpy County, NE



8901 S. 154th St.  
Omaha, NE 68138-3621

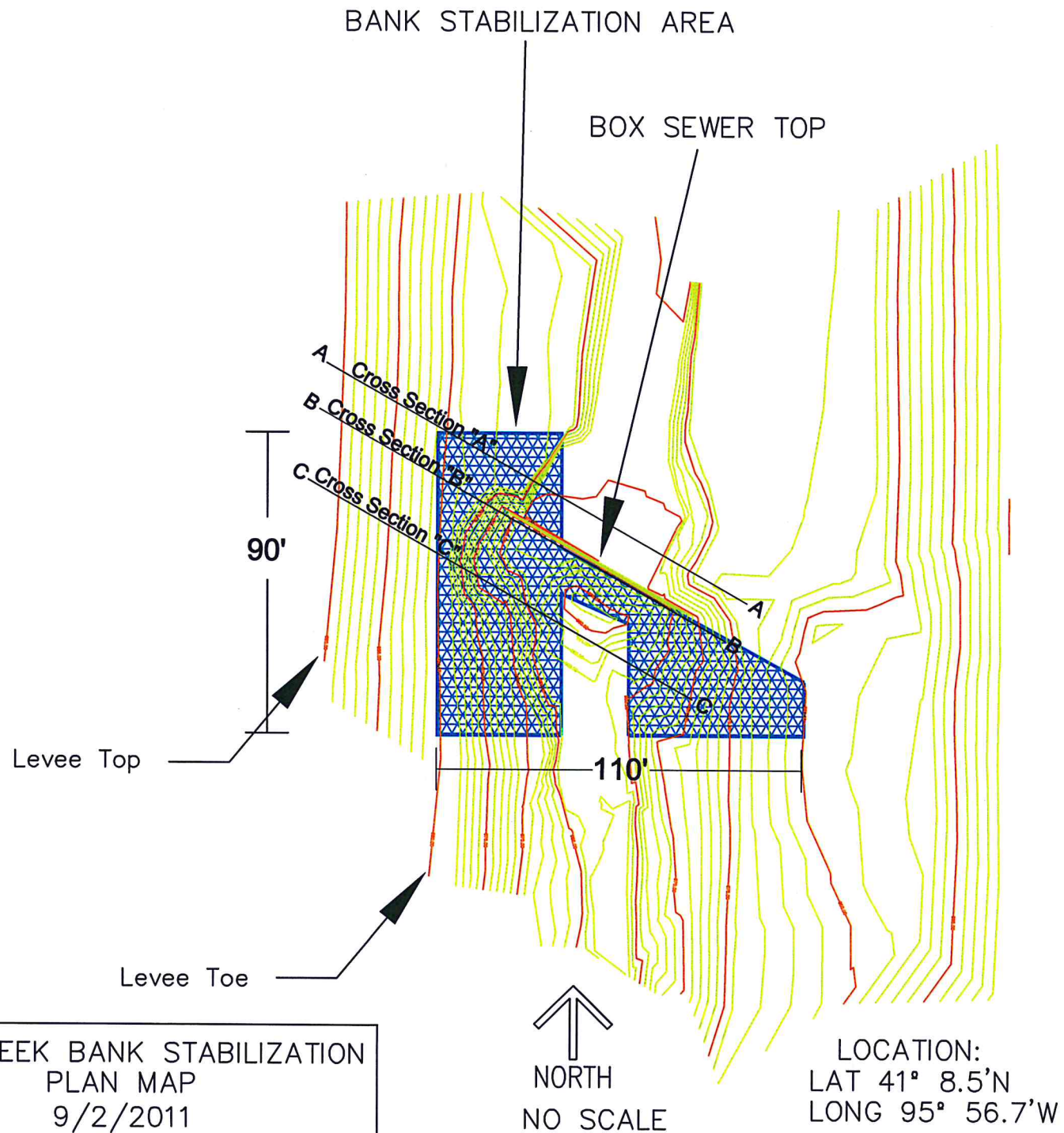
TITLE

MUD CREEK  
BANK STABILIZATION PROJECT  
Location Map

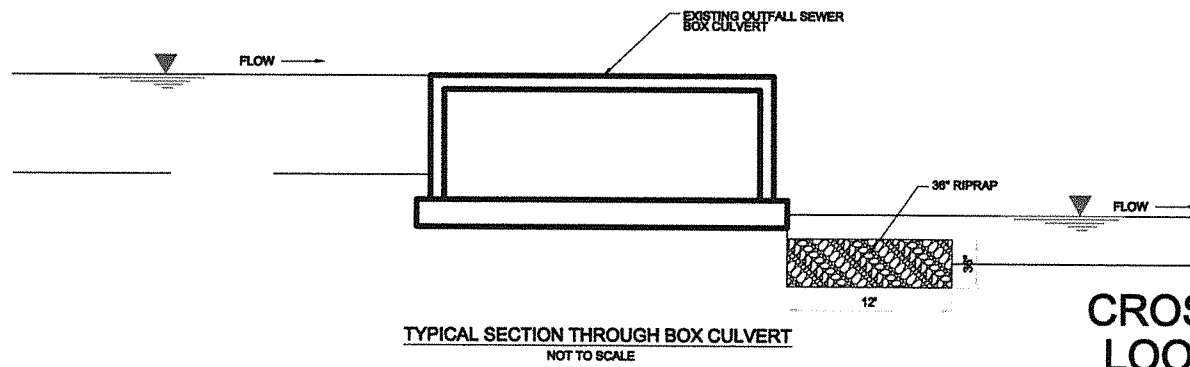
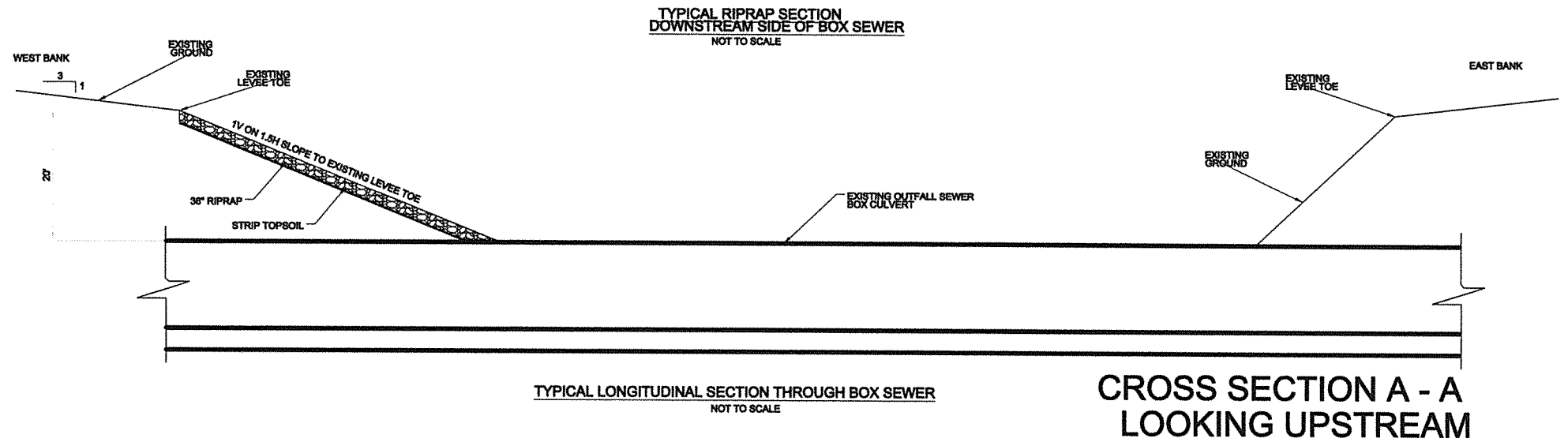
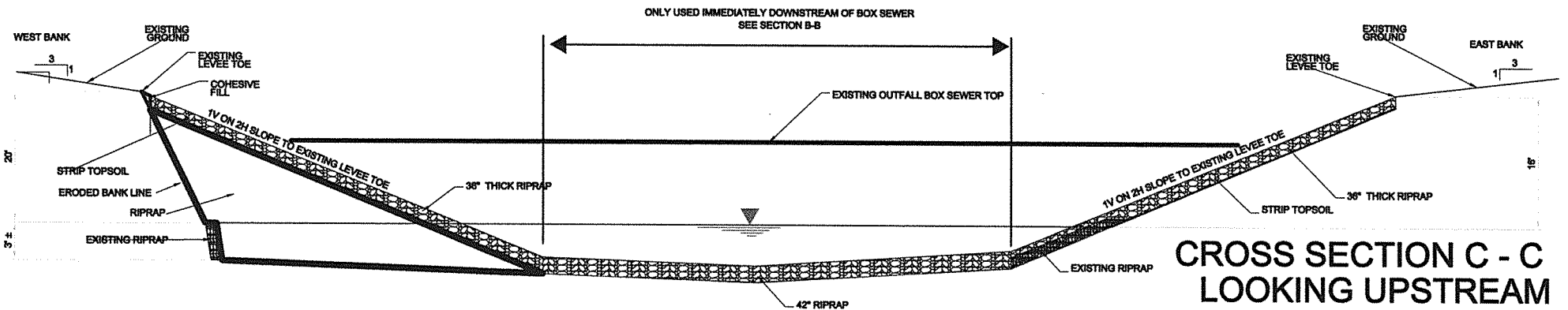
NO SCALE

Figure 2

Date: 5/24/11



NOTE: INFILL RIPRAP WITH SOIL, EXCEPT IN STREAMBED AREA

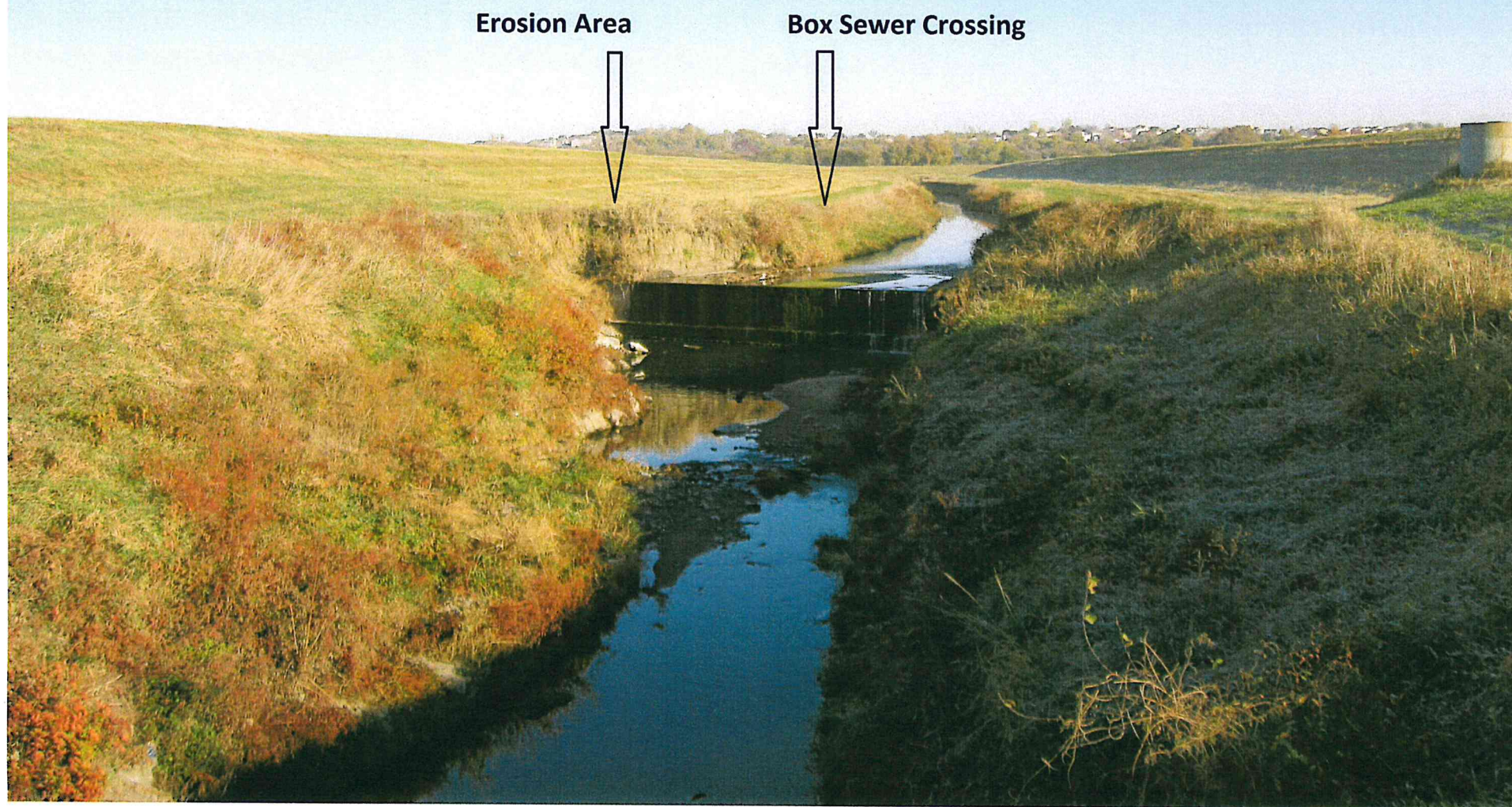


TYPICAL SECTION THROUGH BOX CULVERT  
NOT TO SCALE

TYPICAL LONGITUDINAL SECTION THROUGH BOX SEWER  
NOT TO SCALE

TYPICAL RIPRAP SECTION  
DOWNSTREAM SIDE OF BOX SEWER  
NOT TO SCALE

**Mud Creek Bank Stabilization Project (near Papio Creek Confluence)**  
**Looking Upstream (North) at erosion area near box sewer crossing**  
**November 2, 2010**



**Mud Creek Bank Stabilization Project (near Papio Creek Confluence)**  
**Looking Northwest at the right bank erosion area**  
**November 2, 2010**

**Cross-section C-C**



**Cross-section B-B**



**Cross-section A-A**

