

# MEMORANDUM

TO: Programs, Projects and Operations Subcommittee

SUBJECT: Papillion Creek Bank Stabilization Project Bids (Project 529J)

DATE: October 29, 2009

FROM: Martin P. Cleveland, Construction Engineer

Attached are location maps and a typical cross-section for the referenced creek bank stabilization project. The work consists of placing rock riprap along the creek bank of Big Papillion and West Branch Papillion at 4 locations in Omaha, Papillion and Bellevue, NE. The work includes the furnishing of the labor, materials, equipment, tools and incidentals necessary to install approximately 12,150 tons of rock riprap bank protection along approximately 2,670 linear feet of creek bank. The contract provides for 85 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:

SITE	EST. TONS	UNIT PRICE	TOTAL COST
A	780	31.55	\$24,609.00
B	4620	30.55	\$140,910.00
C	2750	30.80	\$84,700.00
D	4000	30.80	\$123,200.00
TOTAL	12,150		\$373,419.00

Based on the estimated total riprap quantity of 12,150 tons the total project cost (total base bid) would be \$373,419.00. The Engineer's estimate for total project cost is \$370,000.

This work will be funded via funds included in Project Maintenance General Contract Work (Account 010312 4479). As of October 2, 2009 remaining funds in this account was \$2,457,813.28. It is anticipated that this project will be completed in Fiscal Year 2010.

- **It is Management's recommendation that the Subcommittee recommend to the Board of Directors that the General Manager be authorized to execute on behalf of the District a contract with Midwest Dumpers, Inc., for rock riprap bank stabilization work at four (4) sites on the Papillion Creek System for the total base bid of \$373,419.00.**

## Summary of Bid Proposals

Project: Papillion Creek Bank Stabilization Project  
 Opening Date: October 29, 2009

NRD Project No. 529J  
 Opening Time: 2:00 p.m.

Bidder Name:	1	2	3	4	5	6	7
	Midwest Dumpers Inc	TCW Construction	Valley Corp	Thompson Construction	Crown Construction	Heimes Corp	Judds Bros.

1. Site A – Riprap (780 Tons) Unit Price Bid (\$/Ton)	31.55	44.53	34.00	45.00	57.25	57.08	65.00
2. Site B (4,620Tons) (\$/Ton)	30.50	30.96	34.75	37.00	36.75	40.19	39.00
3. Site C - Riprap (2,750 Tons) Unit Price Bid (\$/Ton)	30.80	30.79	35.00	37.00	38.40	41.66	37.00
4. Site D – Riprap (4,000 Tons) Unit Price Bid (\$/Ton)	30.80	29.78	34.75	35.00	39.00	40.04	44.00
5. <b>Total Base Bid</b> (1 thru 4) for 12,150 tons (\$)	373,419.00	381,561.10	422,315.00	447,790.00	476,040.00	504,925.20	508,630.00

Bid Bond (5%)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Rock Supplier	Martin Marietta	Martin Marietta	Martin Marietta	Martin Marietta	Martin Marietta	Kerford Limestone	Kerford Limestone

\*Apparent Low Bidder is Midwest Dumpers, Inc.

Engineer's Estimate: \$370,000



EROSION AREA  
LENGTH = 195 FT

RIPRAP SOIL INFILL  
BORROW SITE FOR SITE "A"

Legal Description:  
SW ¼ of SEC. 1 &  
SE ¼ of SEC. 2, T14N, R12E  
Douglas County, NE



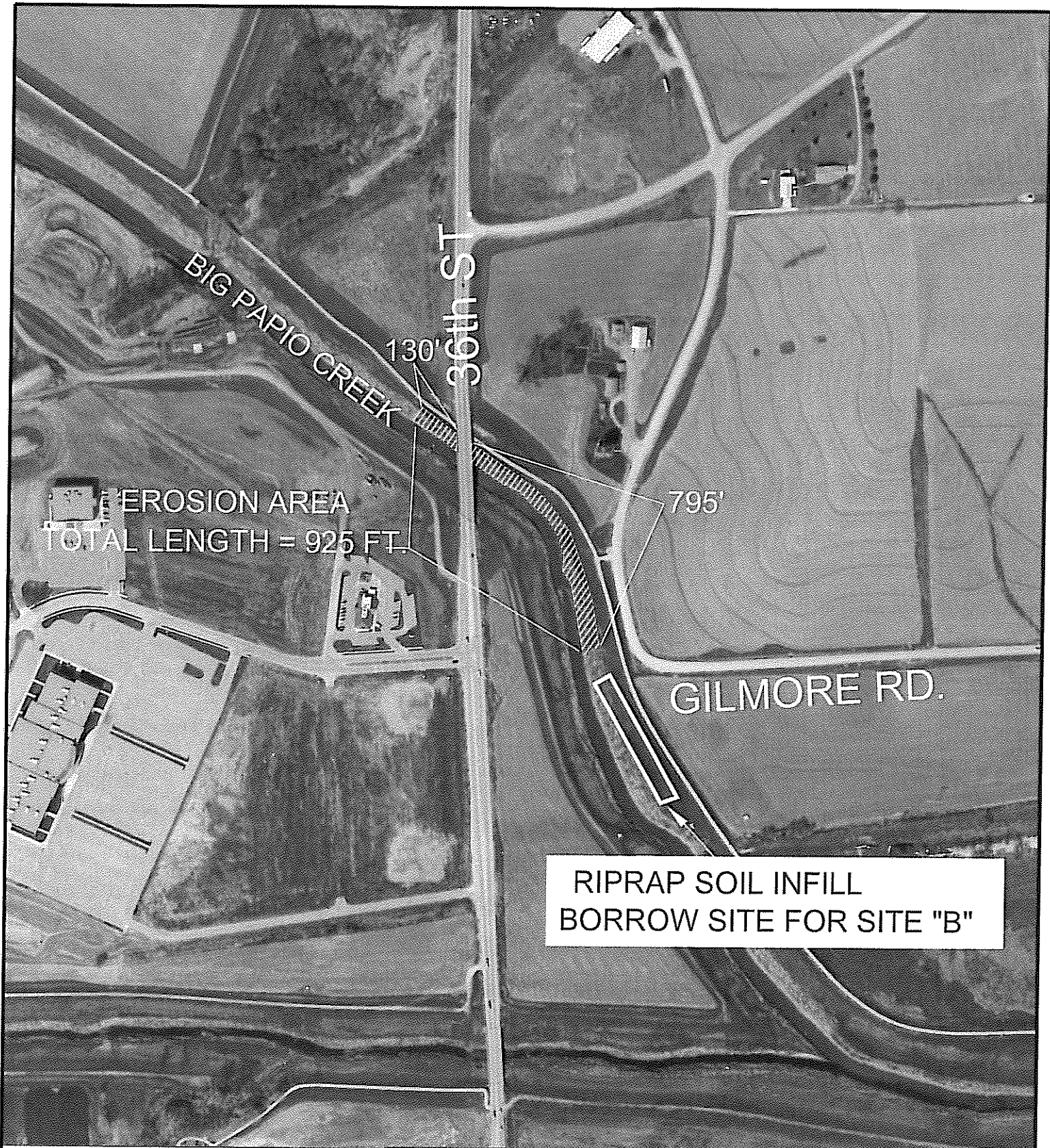
**PAPIO-MISSOURI RIVER  
NATURAL  
RESOURCES  
DISTRICT**



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

TITLE	
BIG PAPIO CREEK BANK STABILIZATION PROJECT 72nd ST. South of "L" ST. Location Map ...	
NO SCALE	Figure # 1
Date: 10/1/09	Site A





Legal Description:

NW ¼ of SEC. 33, T14N, R13E &  
 SW ¼ of SEC. 28, T14N, R13E  
 & SE ¼ SEC. 29, T14N, R13E  
 Sarpy County, NE



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

TITLE

BIG PAPIO CREEK  
 BANK STABILIZATION PROJECT  
 36th ST-NORTH OF HWY 370  
 Location Map

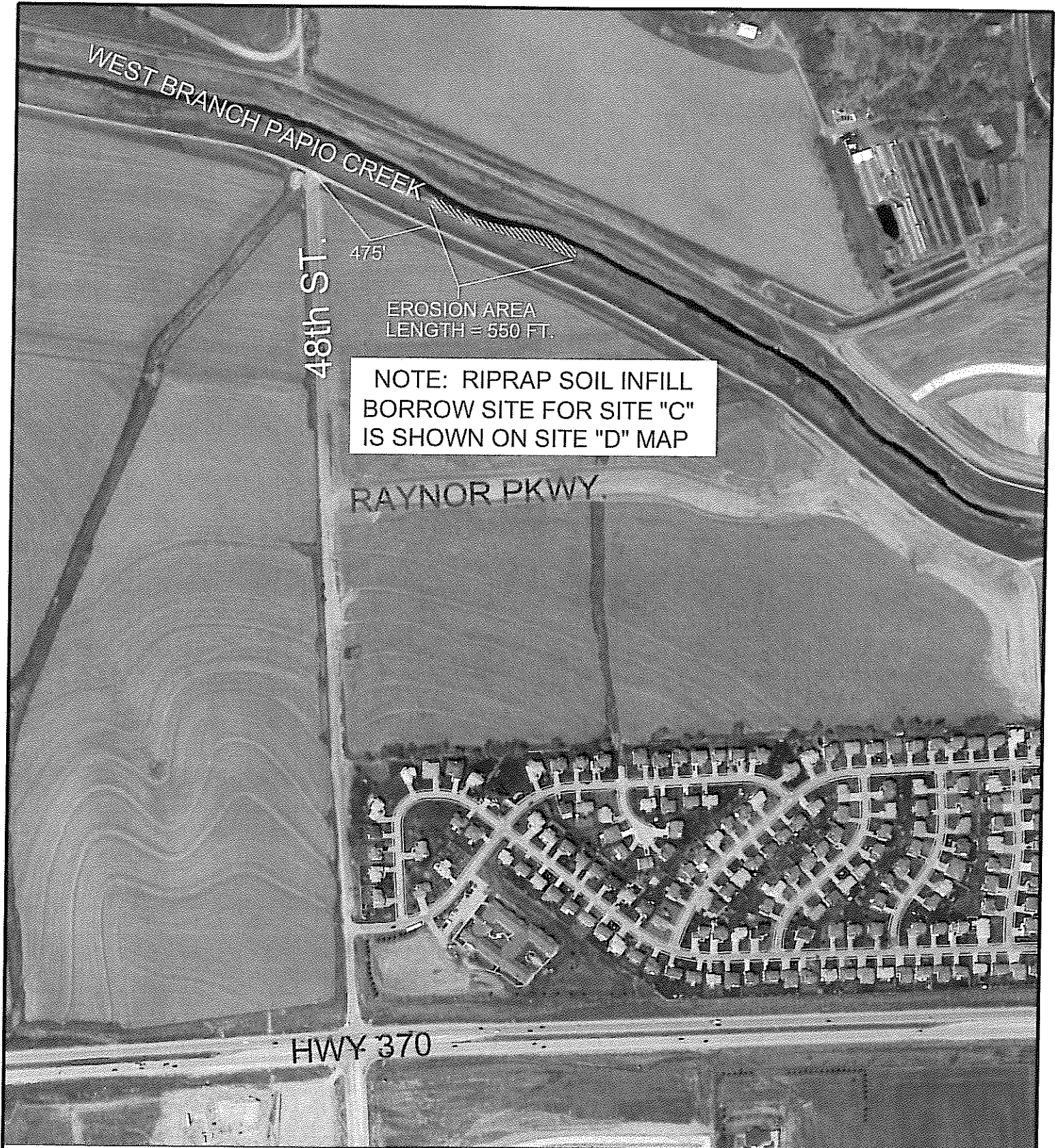
NO SCALE

Figure 2

Date: 10/1/09

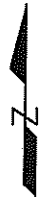
Site B





NOTE: RIPRAP SOIL INFILL BORROW SITE FOR SITE "C" IS SHOWN ON SITE "D" MAP

Legal Description:  
SW ¼ of SEC. 29, T14N, R13E  
Sarpy County, NE



**PAPIO-MISSOURI RIVER  
NATURAL  
RESOURCES  
DISTRICT**



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

TITLE

WEST BRANCH PAPIO CREEK  
BANK STABILIZATION PROJECT  
48th St. North of RAYNOR PKWY.  
Location Map

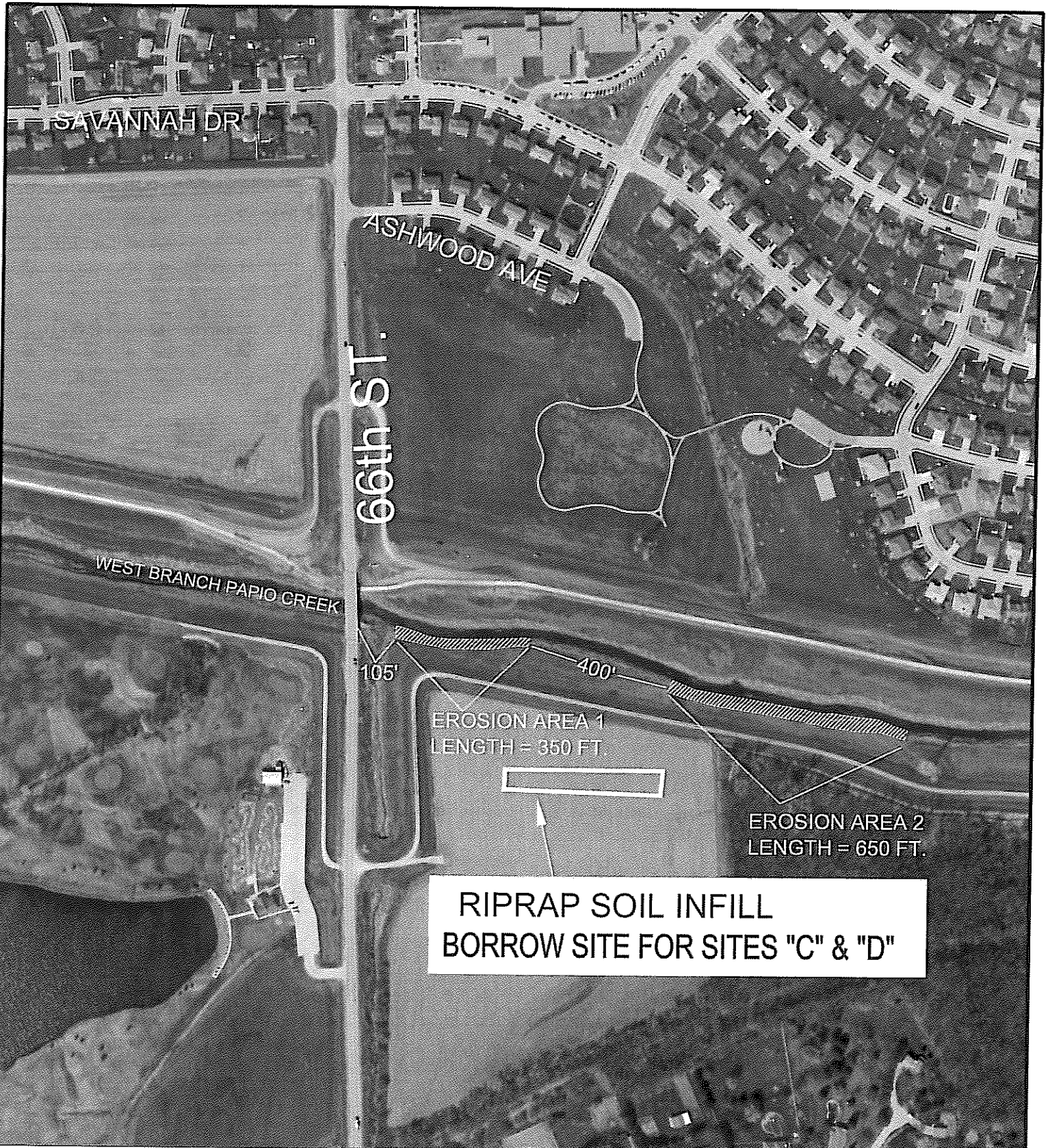
NO SCALE

Figure 3

Date: 10/1/09

Site C



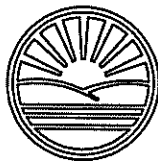


**RIPRAP SOIL INFILL  
BORROW SITE FOR SITES "C" & "D"**

Legal Description:  
SE ¼ of SEC. 25, T14N, R12E  
Sarpy County, NE



**PAPIO-MISSOURI RIVER  
NATURAL  
RESOURCES  
DISTRICT**



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

TITLE

WEST BRANCH PAPIO CREEK  
BANK STABILIZATION PROJECT  
66TH ST, South of ASHWOOD AVE  
Location Map

NO SCALE

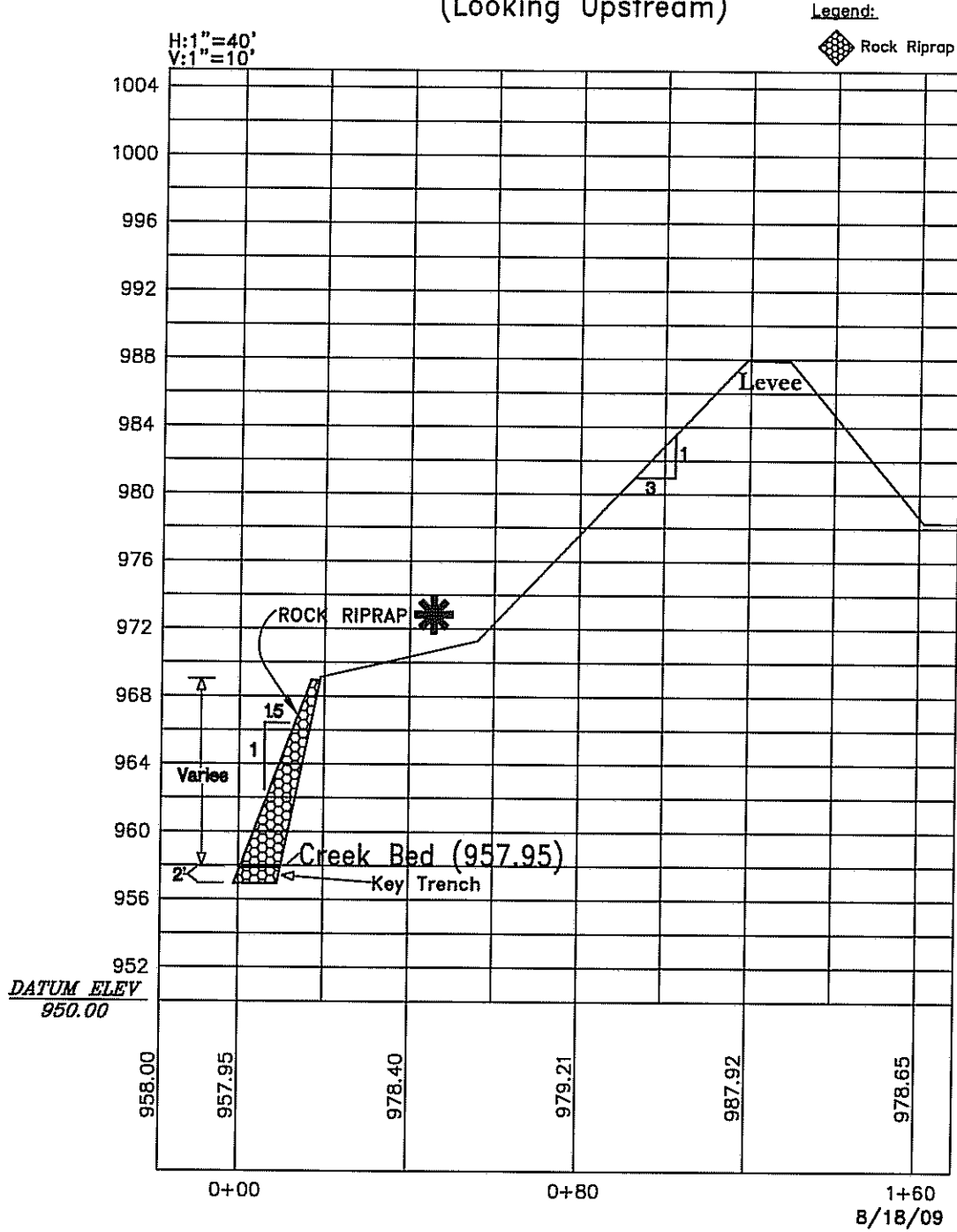
Figure # 4

Date: 10/1/09

Site D

# PAPILLION CREEK BANK STABILIZATION PROJECT Typical Cross-Section

Full Height Protection  
(Looking Upstream)



\* THE RIPRAP SHALL BE COVERED, FROM THE TOP OF THE STRUCTURE DOWN TO THE ANNUAL ORDINARY HIGH WATER LINE, WITH A MINIMUM OF 6 INCHES OF SOIL COMPACTED INTO THE VOIDS OF THE RIPRAP, & IMMEDIATELY SEEDING WITH AN ANNUAL COVER CROP / NATIVE GRASS SPECIES.