



Agenda Item: 9.

Public Hearing  
On  
Proposed Right-of-Way Acquisition  
Big Papio Channel Re-Stabilization Project  
Papio-Missouri River Natural Resources District  
January 12, 2012  
7:00 p.m.

AGENDA

1. Hearing Called to Order – Chairperson Rick Kolowski
2. Appointment of Hearing Officer – General Manager, John Winkler
3. Evidence of Proof of Publication of Hearing Notice
4. Explanation of the Purpose of the Hearing – Paul Peters
5. Identification of Exhibits
6. Explanation of the Purpose and Scope of the Project – Martin Cleveland
7. Receive Testimony and Statements
8. Reception of Exhibits
9. Hearing Adjournment

## **NOTICE OF PUBLIC HEARING**

Please take notice that on January 12, 2012, at 7:00 p.m. the Board of Directors of the Papio-Missouri River Natural Resources District will hold a public hearing on Big Papio Channel Re-stabilization Project ("the Project") in Douglas County, Nebraska, and on the acquisition by the District of permanent easements for the Project. Such hearing will be held at the principal offices of the District at 8901 South 154<sup>th</sup> Street, Omaha, Nebraska 68138-3621.

At the hearing, the District shall explain the nature and necessity for the Project, the reasons for selecting the particular location, and the right of each owner of property to be represented by an attorney and to negotiate and accept or reject the offer of damages which will be sustained by the proposed acquisition, and the right to require that such damages be determined pursuant to the procedures for acquisition by eminent domain. The District shall hear and consider any objections from any person.

**Papio-Missouri River Natural Resources District  
Notice of Proposed Acquisition and Notice of Public Hearing  
Big Papio Channel Re-stabilization Project**

**NOTICE**

The Papio-Missouri River Natural Resources District (hereinafter referred to as "the District") proposes to acquire supplemental permanent easements (hereinafter referred to collectively as "the Easements") in, on, over and across certain tract(s) of real estate in Douglas County, Nebraska (hereinafter referred to collectively as "the Property"), in Lot 5, Lot 4 and Lot 3, Bel-Air 2<sup>nd</sup> Addition, an Addition to the City of Omaha, as surveyed, plated and recorded in Douglas County, Nebraska, as depicted in existing site plan and incorporated herein by reference, which you own or in which you may have a right or interest.

1. The property proposed to be acquired and the compensation to be given for the property:

The compensation to be offered for the Property will be the damages as appraised by licensed real estate appraisers, generally consisting of the fair market value of the interest in or portion of the property acquired.

2. The authority for the acquisition:

The District's authority for the proposed acquisitions is contained in Nebraska Revised Statutes, Sections 2-3229, et.seq.

3. The nature of and necessity and purpose for which the land shall be used:

The supplemental permanent Easements proposed to be acquired will be used for the re-stabilization of the Big Papio Channel Project between Pacific Street and 105<sup>th</sup> Street.

4. The right, title or interest in the property to be acquired:

The District proposes to acquire supplemental permanent easements to certain lands required for the Project.

5. The amount of property needed: The before mentioned lots are incorporated herein by reference, are required for the aforesaid re-stabilization project.

6. The reasons for selecting the proposed location:

The re-stabilization project site is already located on the referenced lots and therefore its repair is required at the same location.

7. Approval required from other agencies:

None.

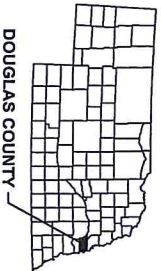






# LOW-FLOW CHANNEL RESTABILIZATION BIG PAPILLION CREEK- BETWEEN PACIFIC AND 105TH STREETS PAPILLION CREEK WATERSHED

NEBRASKA



LOCATION MAP

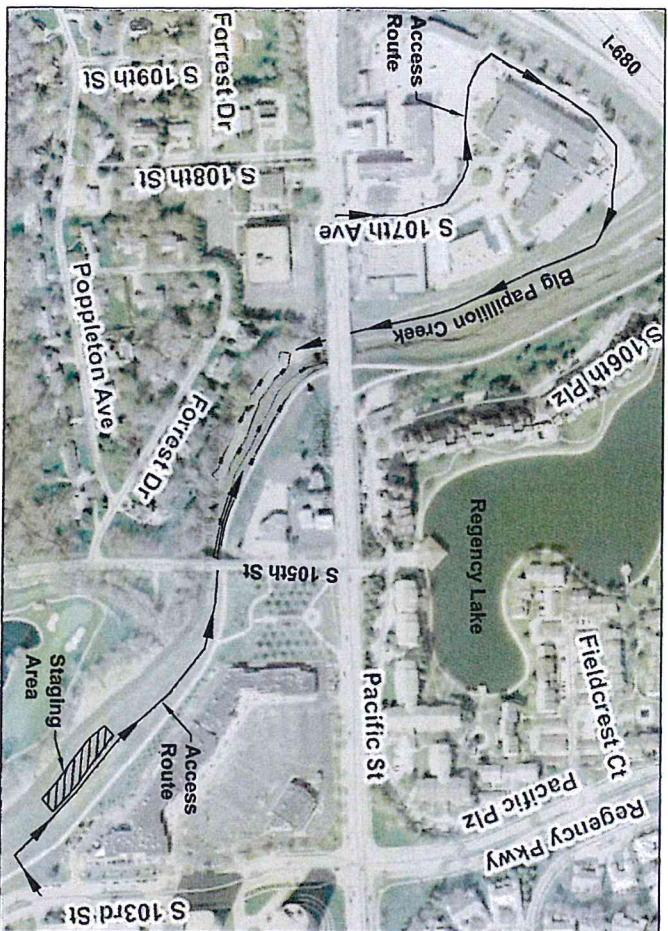


SPONSORED BY: THE PAPIO-MISSOURI RIVER NATURAL RESOURCES DISTRICT

DOUGLAS COUNTY, NEBRASKA

DESIGNED BY: HDR ENGINEERING, INC.  
OMAHA, NEBRASKA

Final Drawings  
December 2011



## SHEET INDEX

SHEET NO.	SHEET TITLE
1	COVER SHEET
2	GENERAL SHEET
3	EXISTING SITE PLAN
4	PROPOSED SITE PLAN AND PROFILE
5	TYPICAL SECTIONS AND DETAILS
6	TYPICAL DETAILS
7	CROSS SECTIONS (1 of 2)
8	CROSS SECTIONS (2 of 2)
9	GEOLOGICAL INFORMATION

THESE CONFORMED DRAWINGS WERE ORIGINALLY APPROVED AND SEALED ON DECEMBER 2, 2011 BY LAURIE CARRETTE, A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF NEBRASKA (E-6814).



PROJECT LOCATED  
SECTIONS 21 AND 28; T 15 N; R 12 E

COVER SHEET

Sheet  
1 of 9



LOW-FLOW CHANNEL RESTABILIZATION  
BIG PAPILLION CREEK  
DOUGLAS COUNTY, NEBRASKA

Designed	JSA	Date	11/2011
Drawn	CMU		11/2011
Checked	LACZ		11/2011
Approved			

## LEGEND AND SYMBOLS

## BOUNDARIES

PARCEL BOUNDARY  
SEEDING AREA  
LIMITS OF CONSTRUCTION

## SEQUENCING NOTES

1. INSTALL SHEET PILES BEGINNING ON UPSTREAM END OF EXISTING GABIONS.
2. CONTINUE INSTALLATION OF SHEET PILES UNTIL REACHING THE FAILED GABIONS (APPROX. STA 525+80).
3. REMOVE FAILED GABIONS.
4. INSTALL REMAINDER OF SHEET PILES TO END OF PROJECT.
5. INSTALL NEW GABIONS TO END OF PROJECT.
6. BACKFILL WALL AND REGRADE SLOPE.
7. SEED DISTURBED AREAS.

## TABLE OF QUANTITIES

ITEM	UNIT	QUANTITY
MOBILIZATION AND DEMOBILIZATION	LUMP SUM	1
EROSION CONTROL	LUMP SUM	1
SHEET PILE WALL (27 MIN. LENGTH)	LF	414
GABION WALL	LF	198
GRANULAR FILL	TON	485
NONWOVEN GEOTEXTILE	SF	395
BACKFILL	CY	175
SEEDING	AC	0.9
SEGMENT REMOVAL (ALTERNATE)	LS	1

## CONSTRUCTION NOTES

1. THE PROJECT INVOLVES THE RESTABILIZATION OF THE LOW-FLOW CHANNEL, ALONG THE BIG PAVILLON CREEK, BETWEEN 106TH AND PACIFICStreets WITH A SHEET PILE TOE PROTECTION SYSTEM, THE SYSTEM CONSISTS OF SHEET PILES DRIVEN TO BEDROCK AND THE PLACEMENT OF GABIONS BEHIND THE SHEET PILES.
2. THE CONTRACTOR SHALL SUBMIT A PROPOSED CONSTRUCTION SCHEDULE TO THE ENGINEER WITHIN 15 DAYS OF NOTICE TO PROCEED, THE SCHEDULE SHALL BE UPDATED MONTHLY TO SHOW WORK COMPLETED AND TO REVISE THE PROJECT COMPLETION DATE.
3. THE CONTRACTOR SHALL SUBMIT A CONSTRUCTION WORK PLAN TO THE ENGINEER WITHIN 15 DAYS PRIOR TO COMMENCING WORK. THE WORK PLAN SHALL INCLUDE THE PROPOSED METHODS AND EQUIPMENT TO INSTALL THE SHEET PILE WALL FROM THE NORTH SIDE OF THE CREEK AND THE PROPOSED METHODS AND EQUIPMENT TO INSTALL THE GABION WALL. CONTRACTOR SHALL VERIFY THAT PROPOSED CONSTRUCTION METHOD (EQUIPMENT AND OPERATOR) WILL NOT DESTABILIZE THE EMBANKMENT SLOPE ON THE NORTH SIDE.
4. THE CONTRACTOR WILL INSPECT THE CONSTRUCTION AREA FOR THE PRESENCE OF HAZARDOUS MATERIALS BOTH SURFACE AND SUBSURFACE, AND WILL NOTIFY THE INEPCISA ONE CALL SYSTEM, PHONE: 1-800-351-5886
5. THE CONTRACTOR'S ACCESS POINTS TO THE SITE ARE SHOWN ON THE COVER SHEET DRAWING.
6. THE CONTRACTOR'S EQUIPMENT IS TO BE RELOCATED TO THE STAGING AREAS DURING PERIODS OF NO CONSTRUCTION ACTIVITY. LARGE EQUIPMENT THAT IS TO DIFFICULT TO RELOCATE MAY BE ALLOWED ON THE CONSTRUCTION AREA, PROVIDED IT IS PARKED IN A LOCATION THAT CREATES NO HAZARD.
7. THE USE OF HEAVY EQUIPMENT NOTHING HEAVIER THAN A SHOVEL LOADER) AND STOCKPILE OF MATERIALS ON THE SOUTH SIDE (BEHIND THE PROPOSED GABIONS AND SHEET PILES) IS PROHIBITED.
8. NO EXCAVATION FOR THE GABIONS AND BACKFILL SHALL REMAIN OPEN OVERNIGHT.
9. CONTRACTOR SHALL ERECT TRAFFIC CONTROL DEVICES ALONG THE BIG PAVILLON CREEK RECREATION TRAIL, RESTRICTING PUBLIC ACCESS WHEN THE CONSTRUCTION IS PRESENT.
10. CONTRACTOR SHALL USE CARE WHEN OPERATING EQUIPMENT ALONG THE BIG PAVILLON CREEK RECREATION TRAIL, ANY DAMAGE RESULTING FROM CONSTRUCTION ACTIVITY SHALL BE REPAIRED AT CONTRACTORS EXPENSE.
11. EXISTING TOPOGRAPHIC INFORMATION FOR THE PROJECT IS FROM FIELD SURVEYS CONDUCTED BY PARLAND ON NOVEMBER 2010 AND APRIL 2011, SURVEY BASED ON NATIONAL GEODETIC SURVEY DATUM.
12. THE HORIZONTAL CONTROL IS BASED ON MODIFIED STATE PLANE COORDINATES.
13. THE ENGINEER SHALL STAKE THE ALIGNMENT OF THE SHEET PILE WALL, AT THE BEGINNING OF THE PROJECT, ANY RESTAKING WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
14. CONTRACTOR SHALL REMOVE AND REPLACE EXISTING ROCK RIPRAP AS NECESSARY TO INSTALL SHEET PILES.
15. THE CONTRACTOR SHALL NOT DISTURB ANY AREAS BEYOND THE LIMITS OF CONSTRUCTION, ALL DISTURBED AREAS SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER, SEEDED AND REINFORCED WITH AN EROSION CONTROL, BLANKET, A TURF AND REINFORCING MAT SHALL BE INSTALLED BEHIND THE NEW GABION WALL SECTION.
16. NO TREES SHALL BE CUT OR REMOVED FROM THE SITE UNLESS APPROVED BY THE ENGINEER.

		Date
Designed	JSA	11/2011
Drawn	CMJ	11/2011
Checked	LACZ	11/2011
Approved	-	

**LOW-FLOW CHANNEL RESTABILIZATION  
BIG PAPILLION CREEK  
DOUGLAS COUNTY, NEBRASKA**



**PAPIO - MISSOURI RIVER  
NATURAL  
RESOURCES  
DISTRICT**



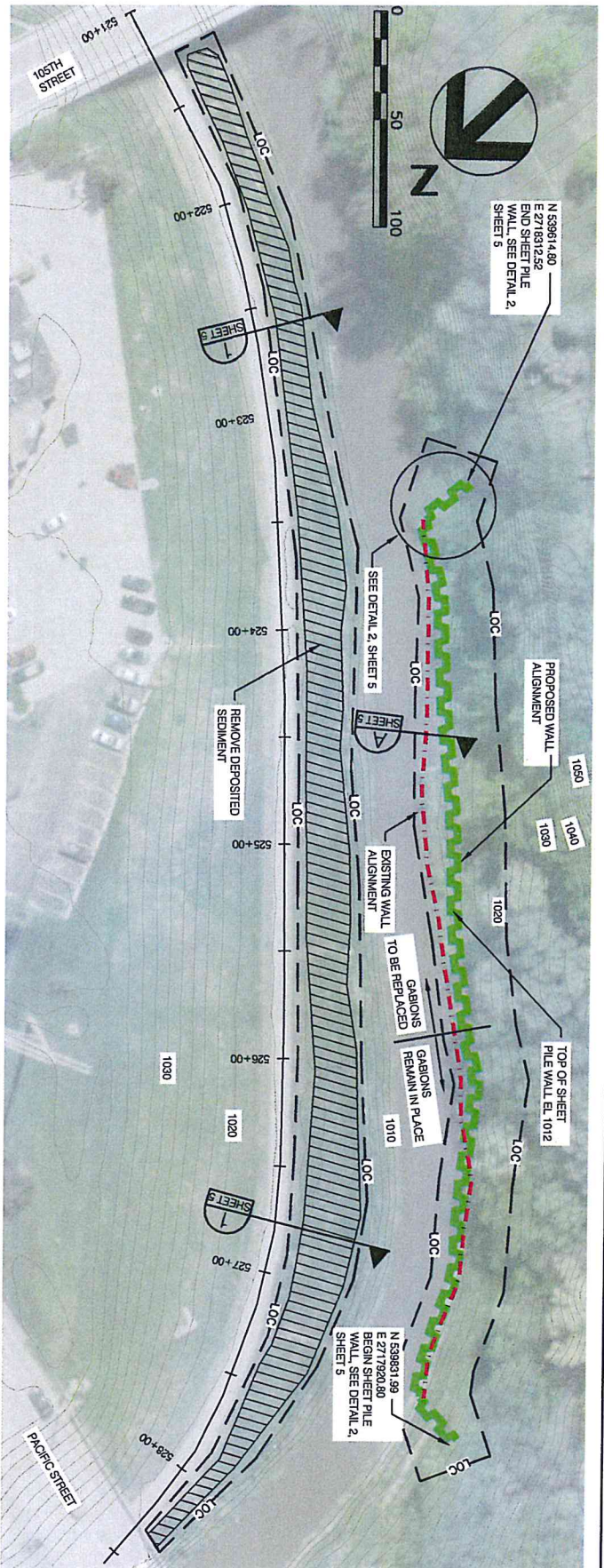
# GENERAL SHEET

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Sheet 2	
Drawing No	
2	
Sheet	
2 of 9	



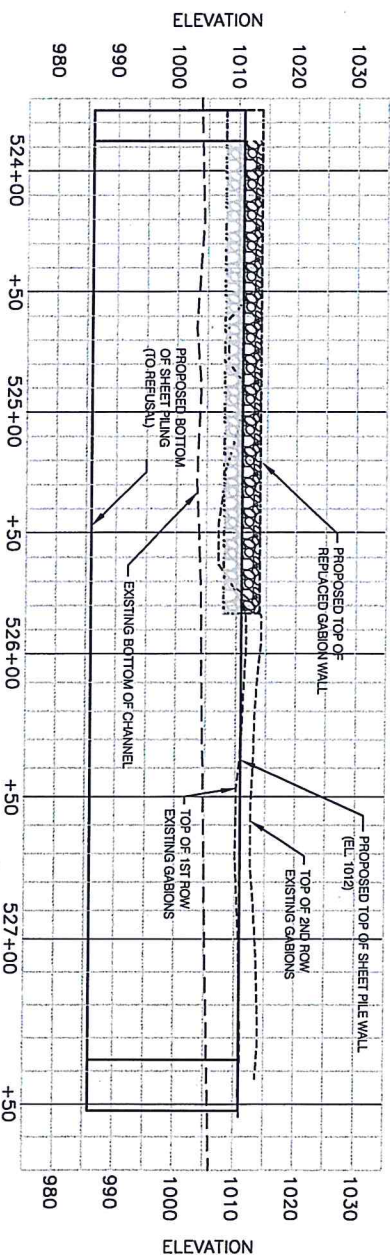






GABIIONS WITH SHEET PILE TOE PROTECTION PLAN VIEW

1" = 50'



PROFILE ALONG FACE OF SHEET PILING

1" = 50' HORIZONTAL  
1" = 20' VERTICAL

PROPOSED SITE PLAN AND PROFILE



**PAPIO - MISSOURI RIVER  
NATURAL  
RESOURCES  
DISTRICT**

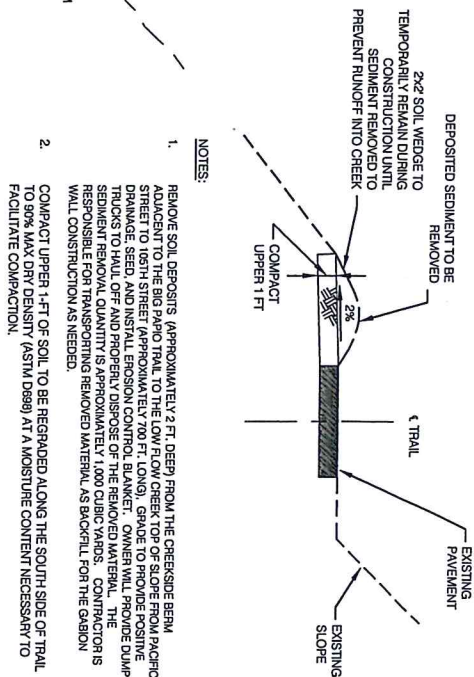


**LOW-FLOW CHANNEL RESTABILIZATION  
BIG PAPILLION CREEK  
DOUGLAS COUNTY, NEBRASKA**

Designed	JSA	Date	11/2011
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File No.  
Sheet 4  
Drawing No.  
Sheet 4  
4 of 9

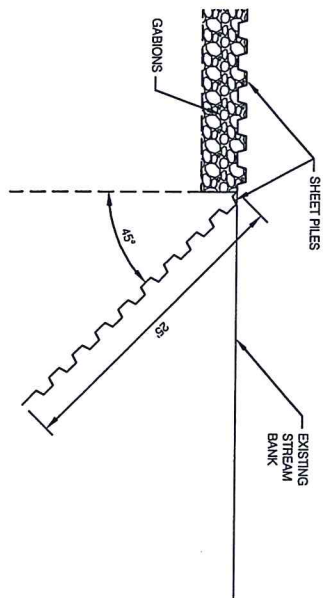




NOTES:

1. REMOVE SOIL DEEPER THAN THE OVERSIDE BERM AND EXPOSE THE UNDERLYING SUBGRADE. GRADUALLY GRADE TO 16TH STREET (APPROXIMATELY 70.7' FROM PAVEMENT DRAINAGE, SEED, AND INSTANT EROSION CONTROL BULKHEAD). OWNER WILL PROVIDE JUMP TRUCKS TO Haul OFF AND PROPERLY DISPOSE OF THE REMOVED MATERIAL. THE SEEDBEN REMOVAL QUANTITY IS APPROXIMATELY 1,000 CUBIC YARDS. CONTRACTOR IS TO REMOVE EXCESSIVE MATERIAL TO THE EXISTING GABION WALL CONSTRUCTION AS NEEDED.
2. COMPACT UPPER 1'-11" OF SOIL TO BE REGRADED ALONG THE SOUTH SIDE OF TRAIL TO 90% MAX DRY DENSITY (ASTM D999) AT A MOISTURE CONTENT NECESSARY TO FACILITATE COMPACTION.

**DETAIL 1**  
**REMOVE TRAIL SEDIMENT**  
**(LOOKING UPSTREAM)**



**TYPICAL SECTION A  
REPLACED GABIONS WITH  
SHEET PILE TOE PROTECTION**



**DETAIL 2**  
**SHEET PILE END CONDITION**  
**NTS**

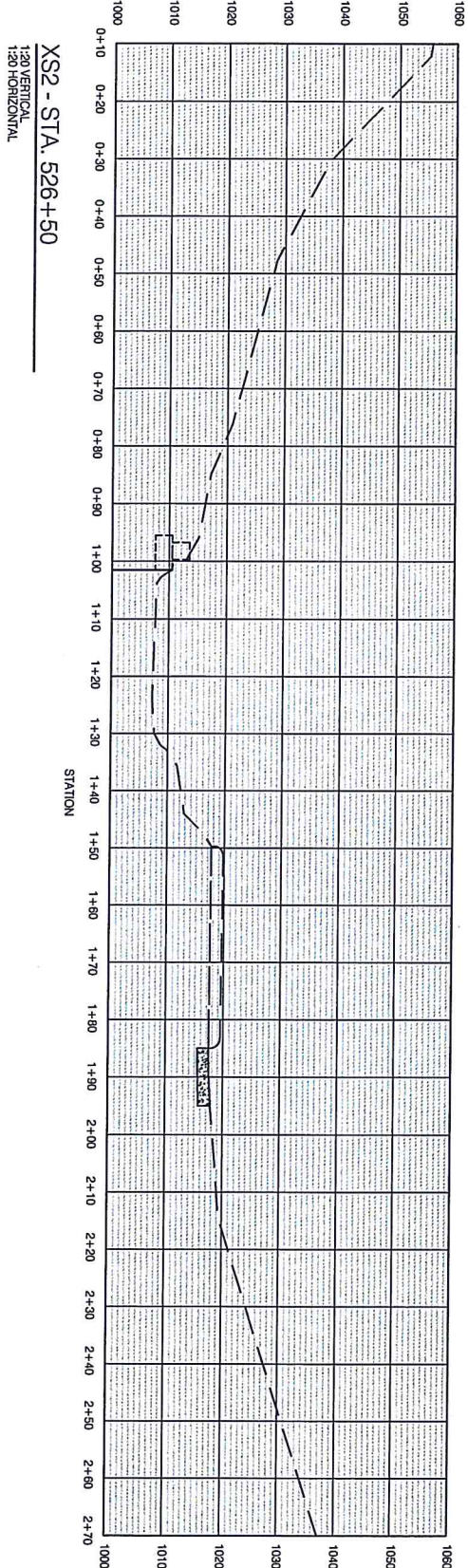
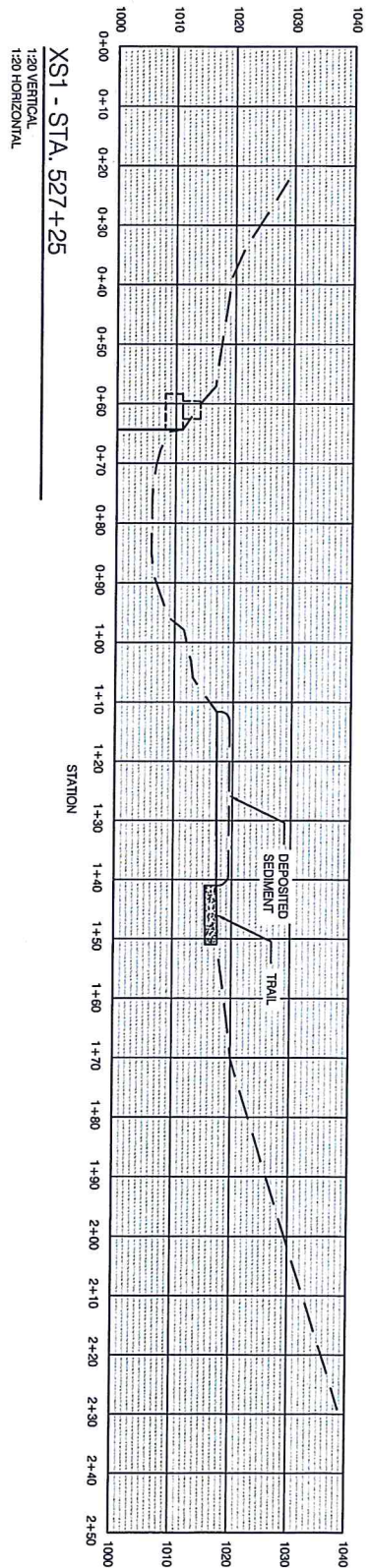


## TYPICAL SECTIONS AND DETAILS



Sheet  
6 of 9





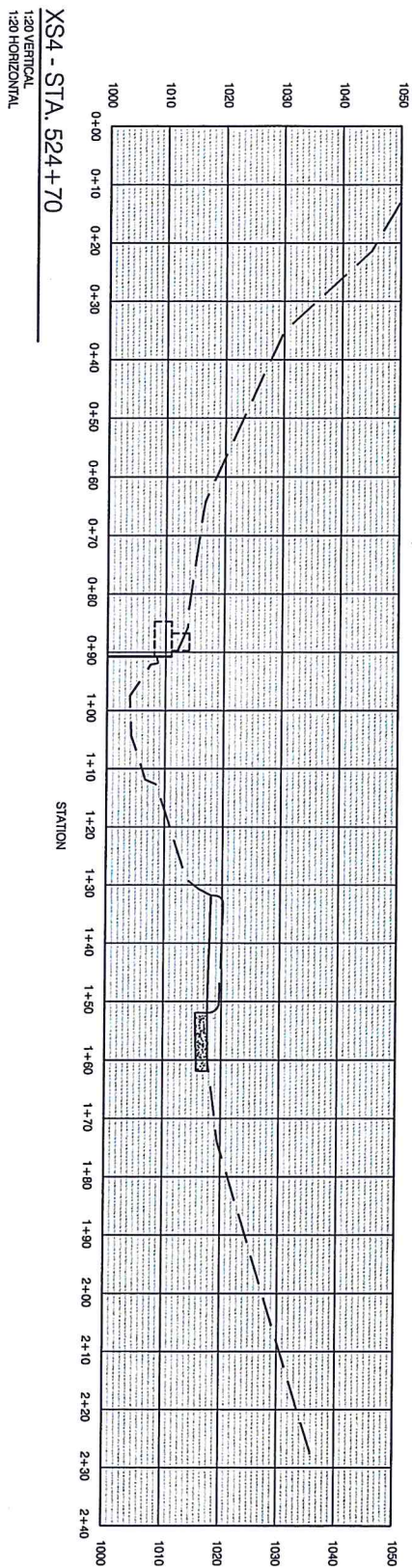
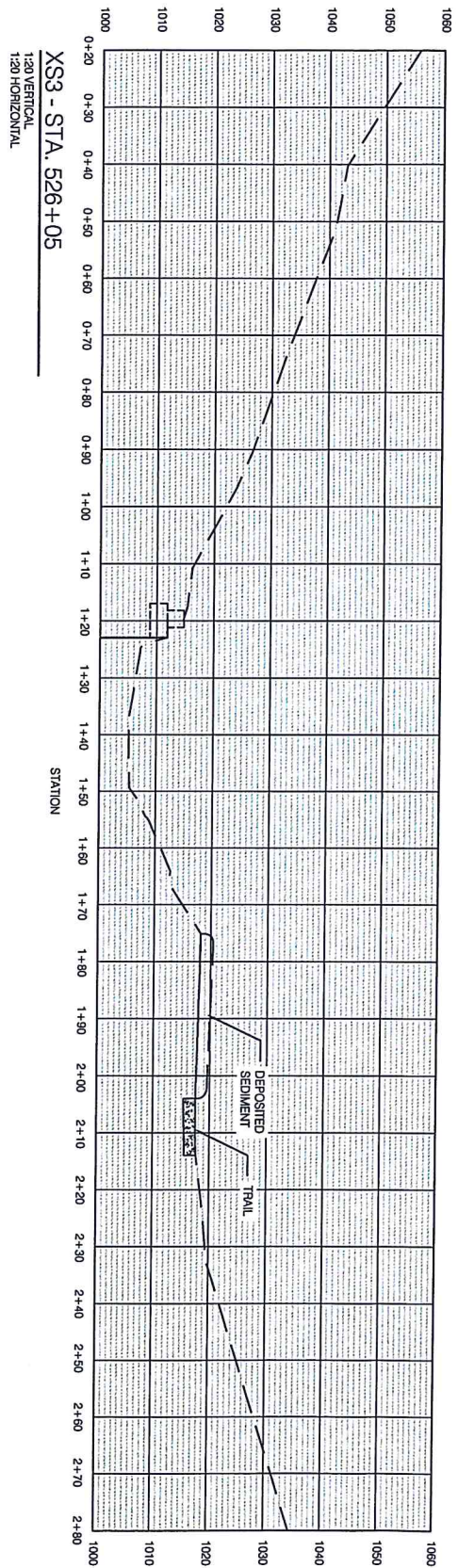
- NOTES:**
- CROSS SECTIONS ARE BASED ON DTM CREATED FROM PARANNO TOPOGRAPHIC SURVEY CONDUCTED IN NOV. 2010 AND APR. 2011.
  - CROSS SECTIONS ARE DRAWN LOOKING UPSTREAM, RIGHT TO LEFT BANK.



CROSS SECTIONS

<b>PAPIO - MISSOURI RIVER NATURAL RESOURCES DISTRICT</b>	<b>HDR</b> HDR Engineering, Inc.	<b>LOW-FLOW CHANNEL RESTABILIZATION BIG PAPILLION CREEK DOUGLAS COUNTY, NEBRASKA</b>		Date 11/2011
	File No. Sheet 7	Designed JSA	Drawn CMJ	11/2011
	Drawing No. 7	Checked LACZ	Approved 	11/2011
	Sheet 7 of 9			



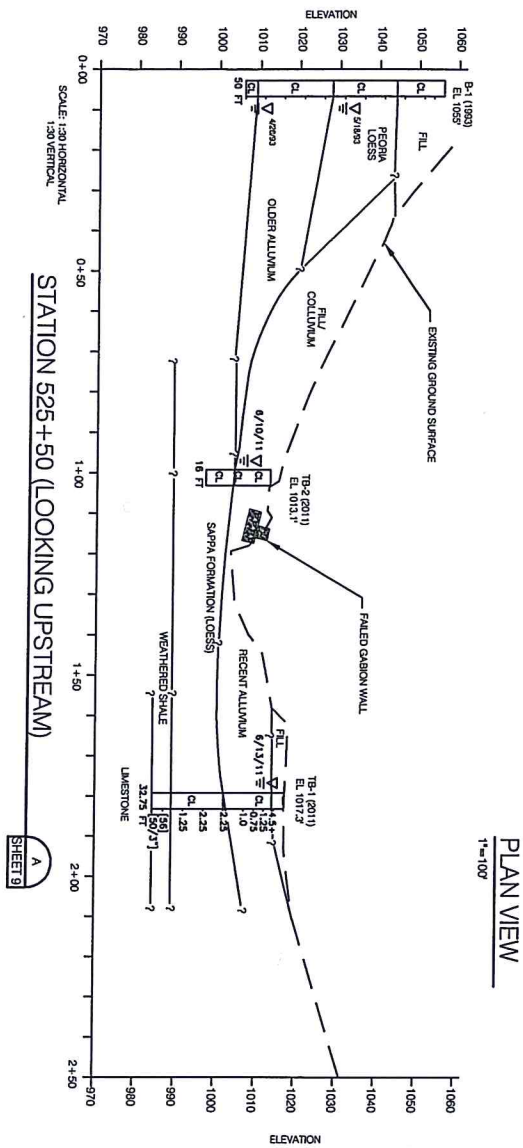
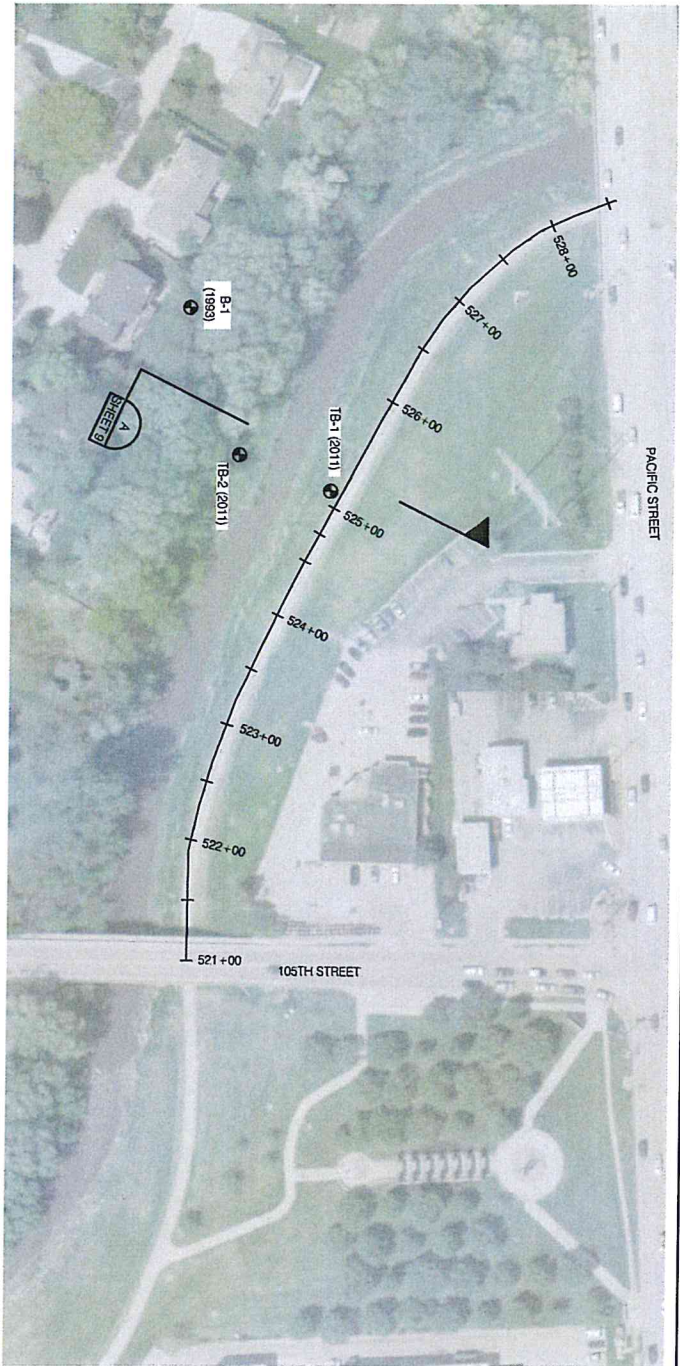
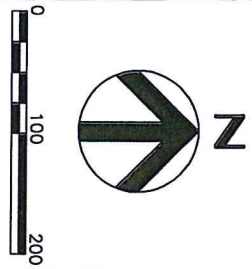


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1. CROSS SECTIONS ARE BASED ON DTM CREATED FROM PLANNED TOPOGRAPHIC SURVEY CONDUCTED IN NOV. 2010 AND APR. 2011.
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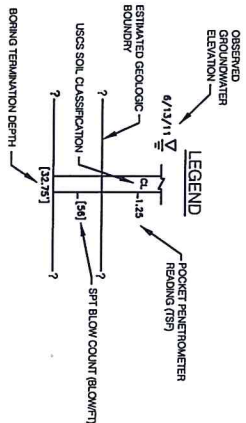


## CROSS SECTIONS







PLAN VIEW  
1"=100'



GEOLOGICAL INVESTIGATION

Sheet 9 of 9	Drawing No. 9	File No. Sheet 9	 <b>PAPIO - MISSOURI RIVER NATURAL RESOURCES DISTRICT</b>	 <b>HDR</b> HDR Engineering, Inc.	<b>LOW-FLOW CHANNEL RESTABILIZATION BIG PAPILLION CREEK DOUGLAS COUNTY, NEBRASKA</b>	Designed	JSA	Date	11/2011
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