

BOARD OF COUNTY COMMISSIONERS
SARPY COUNTY, NEBRASKA

RESOLUTION FLOOD PLAIN DEVELOPMENT
Papio-Missouri River Natural Resources District for Bicycle-walking trail
along Highway 50, Sarpy County, Nebraska

WHEREAS, pursuant to Neb. Rev. Stat. § 23-104 (Reissue 1997), the County has the power to do all acts in relation to the concerns of the County necessary to the exercise of its corporate powers; and,

WHEREAS, pursuant to Neb. Rev. Stat. § 23-103 (Reissue 1997), the powers of the County as a body are exercised by the County Board of Commissioners (County Board); and,

WHEREAS, the County Board has the authority to adopt a Zoning Regulation, which shall have the force and effect of law pursuant to Neb. Rev. Stat. § 23-114 (2004 Cum. Supp); and,

WHEREAS, said Zoning Regulation requires the County Board to approve applications for development permits within any Flood Plain District; and

WHEREAS, Rebecca Horner, Planning Director has reviewed the Papio-Missouri Natural Resources District's application for a Flood Plain Development Permit for compliance with the Zoning Regulation on the property legally described in the attached Exhibit A; and,

WHEREAS, said application includes an elevation certificate which is in compliance with Section 30, Flood Plain District of Zoning Regulations. As the applicant, the Papio-Missouri River Natural Resources District has included comments regarding their application and finds that there is not impact to the floodplain; and,

WHEREAS, the Planning Director has made a recommendation of approval as noted in the attached Exhibit A, which Exhibit A includes the Planning Director report, the elevation

certificate on the subject property, the Papio-Missouri River Natural Resources District comments and a no-rise certification.

NOW, THEREFORE, BE IT RESOLVED BY THE SARPY COUNTY BOARD OF COMMISSIONERS THAT the Flood Plain Development Permit Application for the property legally described in the attached Exhibit A is hereby approved.

Dated this 14th day of April, 2009.

Moved by Tom Richards seconded by Rich Jansen, that the above Resolution be adopted. Carried.

YEAS:	NAYS:	ABSENT:
<u>[Signature]</u>	<u>none</u>	<u>none</u>
<u>[Signature]</u>	_____	_____
<u>[Signature]</u>	_____	_____
<u>[Signature]</u>		
<u>[Signature]</u>		

ABSTAIN:
none



[Signature]
County Clerk

Approved as to form:
[Signature]
County Attorney

Sarpy County Board of Commissioners Report
 April 14, 2009

Subject	Type	By
Floodplain Development Permit for a bicycle/walking trail along Highway 31 from the Highway 50 bridge extending five miles to the west in sections 14, 15, 16, 17, and 18 in T 12N R11E in Sarpy County Nebraska.	Resolution	Rebecca Horner, Planning Director

This is a request for approval of a floodplain development permit for a new file mile trail segment along Highway 31.

- Comprehensive Development Plan
 - The Sarpy County Development Structure Plan indicates Highway 31 as a Major Arterial.
 - The Sarpy County Trail Development Concept indicates a programmed trail along this segment.
- Natural Resources and Zoning
 - Portions of the trail are proposed to be located in the floodway and floodway fringe.
 - The NRD provided comments by Ehrhart Griffin & Associates to indicate that the trail has no impact on existing floodway and floodway fringe. The request conforms to the requirements of the Flood Plain District.
 - A "no-rise" analysis was provided by the applicant.
- Recommendation
 - Recommend approval due to compliance with the Zoning Regulations for the Flood Plain District, no-rise analysis and letter indicating the improvements will not increase the potential for flooding on adjacent properties from the Natural Resources District.

Respectfully submitted by:

Rebecca Horner
 Planning Director



April 6, 2009

Ms. Rebecca Horner
Sarpy County Planning Director
10836 Old Mill Road
Omaha, Nebraska 68154

RE: Mopac Trail – Floodplain Development Application

Dear Ms. Horner:

The District has reviewed the floodway analysis provided by Yuanwen Lin, PE, from Ehrhart Griffin & Associates. The analysis includes a site map and trail cross sections, FIRM panel, calibration and HEC-RAS data.

According to the FIRM for Douglas County, Panel 31153C 0170G, dated December 2, 2005, the proposed improvements for this project are located in the floodway and floodway fringe of the Platte River.

The District has no objection to this floodplain development permit on the basis that all proposed improvements within the existing floodway and floodway fringe will not increase the potential for flooding on adjacent properties as stated in floodway analysis provided by Yuanwen Lin, PE.

If you have any questions or concerns, I can be contacted at 444-6222 or at agrint@papionrd.org.

Sincerely,

Amanda Grint, PE, CFM
Water Resources Engineer

Cc: Lori Laster, PMRNRD

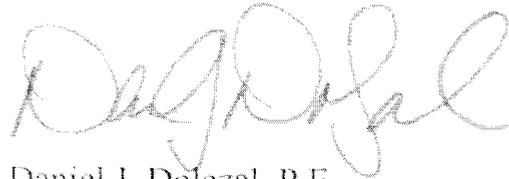
"NO-RISE" CERTIFICATION

This is to certify that I am a duly qualified registered professional engineer licensed to practice in the State of Nebraska.

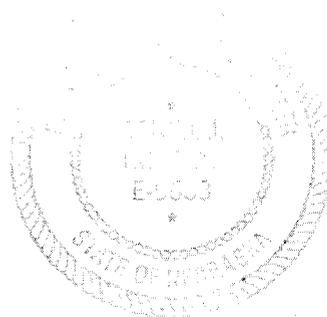
It is further to certify that the attached technical data supports the fact that the proposed MoPac Trail will not impact the 100-year flood elevations, floodway elevations or floodway widths on the Platte River at published sections in the Flood Insurance Study for 31153C0170G dated December 2, 2005 and will not impact the 100-year flood elevations, floodway elevations, or floodway widths at unpublished cross-sections in the vicinity of the proposed development.

Attached is the study that supports my findings.

Date: April 7, 2009



Signature: Daniel J. Dolezal, P.E.
Title: Project Engineer



Additional Information

SARPY COUNTY BOARD OF COMMISSIONERS

MARCH 24, 2009

FLOOD PLAIN DEVELOPMENT PERMIT

PAPIO-MISSOURI NRD

MOPAC TRAIL



SARPY COUNTY PLANNING

• 1210 GOLDEN GATE DRIVE PAVILLION, NE 68046
• PHONE: 402-593-1555 • FAX: 402-593-1558 • E-MAIL: PLANNING@SARPY.COM

FEB 2 2009

FLOOD PLAIN DEVELOPMENT PERMIT APPLICATION **PLANNING DEPARTMENT**

In order for your application to be considered **COMPLETE**, please answer all applicable questions and provide the following:

1. Submit complete Flood Plain Development Permit Application
2. Submit Non-Refundable Fee of \$100.00 made payable to Sarpy County Treasurer
3. 1 full size site/construction plan drawing
4. 6 reduced size site/construction plan drawings (8.5 x 11)
5. Elevation Certificate (From registered professional engineer or architect.)

PLANNING STAFF USE ONLY:

APPLICATION NO.: FPD 09-0001
 DATE RECEIVED: 2/2/09
 CP DESIGNATION: _____
 ZONING DESIGNATION: _____
 FEE: \$ 100.00 RECEIPT NO. 6235
 RECEIVED BY: MB
 NOTES: _____

PROPERTY OWNER INFORMATION: (If multiple owners, attach separate sheet)

Please check box if attaching separate sheet with owner information.

NAME: Popio-Missouri River NRD E-MAIL: _____
 ADDRESS: 8901 S 154th St CITY/STATE/ZIP: Omaha, NE 68138
 MAILING (IF DIFFERENT) CITY/STATE/ZIP: _____
 ADDRESS: _____
 PHONE: 444-6222 FAX: 895-6543

ENGINEER INFORMATION:

NAME: Ehrhart Griffin + Associates E-MAIL: ddolezal@ehrhertgriffin.com
 ADDRESS: 3552 Farnam St CITY/STATE/ZIP: Omaha, NE 68131
 MAILING (IF DIFFERENT) CITY/STATE/ZIP: _____
 ADDRESS: _____
 PHONE: 561-2314 FAX: 551-6540

CONSTRUCTION INFORMATION: This individual/company is responsible for meeting construction standards.

NAME: Not available for bid E-MAIL: _____
 ADDRESS: _____ CITY/STATE/ZIP: _____
 PHONE: _____ FAX: _____

FLOOD PLAIN DEVELOPMENT PERMIT APPLICATION

→ told by Popio-Missouri River NRD, Amanda Grant this item is not needed

PROPOSED DEVELOPMENT INFORMATION: (Describe the project in detail, including physical features of the site, proposed improvements, proposed uses or business, operating hours, number of employees, anticipated customers, etc. – Attach additional sheets if necessary.) **PLEASE NOTE:** A detailed project description is essential to the reviewing process of this request.

See attached sheet

PROJECT SITE INFORMATION: Complete each section in its entirety. If a question is not applicable to your project, please indicate this to show that each question has been carefully considered.

PROPERTY ADDRESS: See attached Construction plan

ASSESSORS PARCEL NUMBER(S) _____

SUB DIVISION: Various LOT: various

NAME OF WATERWAY: Platte River

PROPERTY LIES WITHIN: FLOODWAY: X FLOOD FRINGE: X

LOWEST FLOOR ELEVATION IS TO BE NA FEET ABOVE MEAN SEA LEVEL. (Including Basement)

LEGAL DESCRIPTION: (Describe property to wit:)

Section 14, 15, 16, 17, 18, T12N, R11E

ADDITIONAL INFORMATION: Please use this space to provide any other information you feel is appropriate for the County to consider during review of your application. Attach extra sheets if necessary.

See the CD which contains "no rise analysis" and two HEC-RAS models

PLEASE NOTE THE FOLLOWING PROCEDURES:

1. County Board will hold a public hearing and make a final decision on the Flood Plain Development Permit.

I, the undersigned, understand a sign will be posted on my property and will remain until the public hearing process at the Planning Commission and County Board is complete. I further understand the Special Use Permit process as stated above and I authorize County Staff to enter the property for inspection related to the specific request during this process.

Owner Signature (or authorized agent) _____ Date _____

Owner Signature (or authorized agent) _____ Date _____

FOR OFFICIAL USE ONLY:

RECOMMENDATION OF THE SARPY COUNTY PLANNING DIRECTOR:

APPROVAL _____ DENIAL _____ REASON: _____

Sarpy County Planning Director _____ Date _____

ACTION BY SARPY COUNTY BOARD OF COMMISSIONERS:

APPROVED _____ DENIED _____

Chairman, Sarpy County Board of Commissioners _____ Date _____

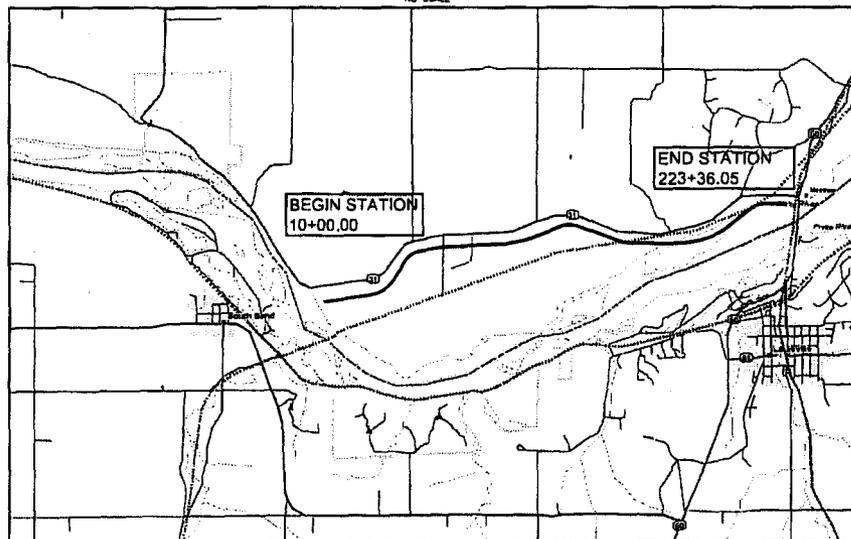
PROPOSED DEVELOPMENT INFORMATION:

A bicycle/ walking trail is proposed along Highway 31 in Sarpy County, started at Highway 50 Bridge and extends 5 miles to the west. The trail is 6-in thick and 10-ft wide, made of limestone or concrete pavement. This trail is a portion of the 60-mile Lincoln to Omaha regional trail system. A 600-ft segment (from trail station 177+00 to 183+00) of this trail is located in the floodway of Platte River (FEMA Map No. 31153C0170G, revised in Dec 2, 2005). Floodplain analysis is conducted by constructing HEC-RAS models to prove that there will be no increase of water surface elevation in Platte River due to the construction of this proposed trail.

PLANS FOR CONSTRUCTION
 MoPac Trail
 HIGHWAY 50 TO LIED BRIDGE
 SARPY COUNTY, NEBRASKA

INDEX OF SHEETS

SHEET NO.	TITLE PAGE
271	GENERAL NOTES/TYPICAL CROSS SECTIONS
281	SUMMARY OF QUANTITIES
272-273	PHOTOMAPS/INDEX OF SHEETS
281-284	DETAILS
281-288	REMOVAL PLAN SHEETS
2L1-2L15	LARGE SCALE PLAN AND PROFILE SHEETS
2L18-2L17	CURVE AND LINE DATA SHEETS
2L18	PIPE AND STRUCTURE TABLE
2L18-2L21	BROKEN BACK PIPE DETAILS
2E1-2E8	STORMWATER POLLUTION PREVENTION PLAN SHEETS
3-7	SPECIAL PLAN 1C - TRAIL SIGNAGE AND RULES
8	SPECIAL PLAN 2C - WETLAND AREAS
8-1, 8-2	SPECIAL PLAN 3C - DRAINAGE EXTENSIONS
8-2, 8-4, 8-5, 8-8	SPECIAL PLAN 4C - BRIDGE AND ABUTMENT DETAILS
11-147	CROSS SECTIONS
148-151	PIPE CROSS SECTIONS
STANDARD PLAN NO. 4100-0-E	(3 SHEETS) FLARED END SECTIONS
STANDARD PLAN NO. 4300-0-E	(3 SHEETS) MANHOLE
STANDARD PLAN NO. 5010-0-E	(1 SHEET) EROSION CONTROL
SPECIAL PLAN NO. 4333-1-E	(2 SHEETS) AREA INLET WITH GRATE
SPECIAL PLAN NO. 5013-1-E	(1 SHEET) EROSION CONTROL TYPE "AAA"
SPECIAL PLAN NO. 5700-1-E	(1 SHEET) SILT FENCE DETAILS
SPECIAL PLAN NO. 7140-1-E	(1 SHEET) 4-STRAND BARBED WIRE FENCE



VICINITY MAP
 SECTIONS 14,15,16,17 & 18, TN12N, R11E
 SEPTEMBER 2007
 EGA PROJECT NO.031340E

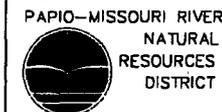
- LEGEND**
- EXISTING CONTOUR
 - PROPOSED CONTOUR
 - PROPERTY LINE
 - L.O.C. --- LIMITS OF CONSTRUCTION
 - CONSTRUCT EROSION CONTROL MEASURES
 - EROSION CONTROL MESH
 - PROPOSED DIVERSION ERM
 - PROPOSED SINGLE SILT FENCE
- NOTE: ALL EVEN STATIONS ARE MEASURED AT PLUS SIGN LOCATION.

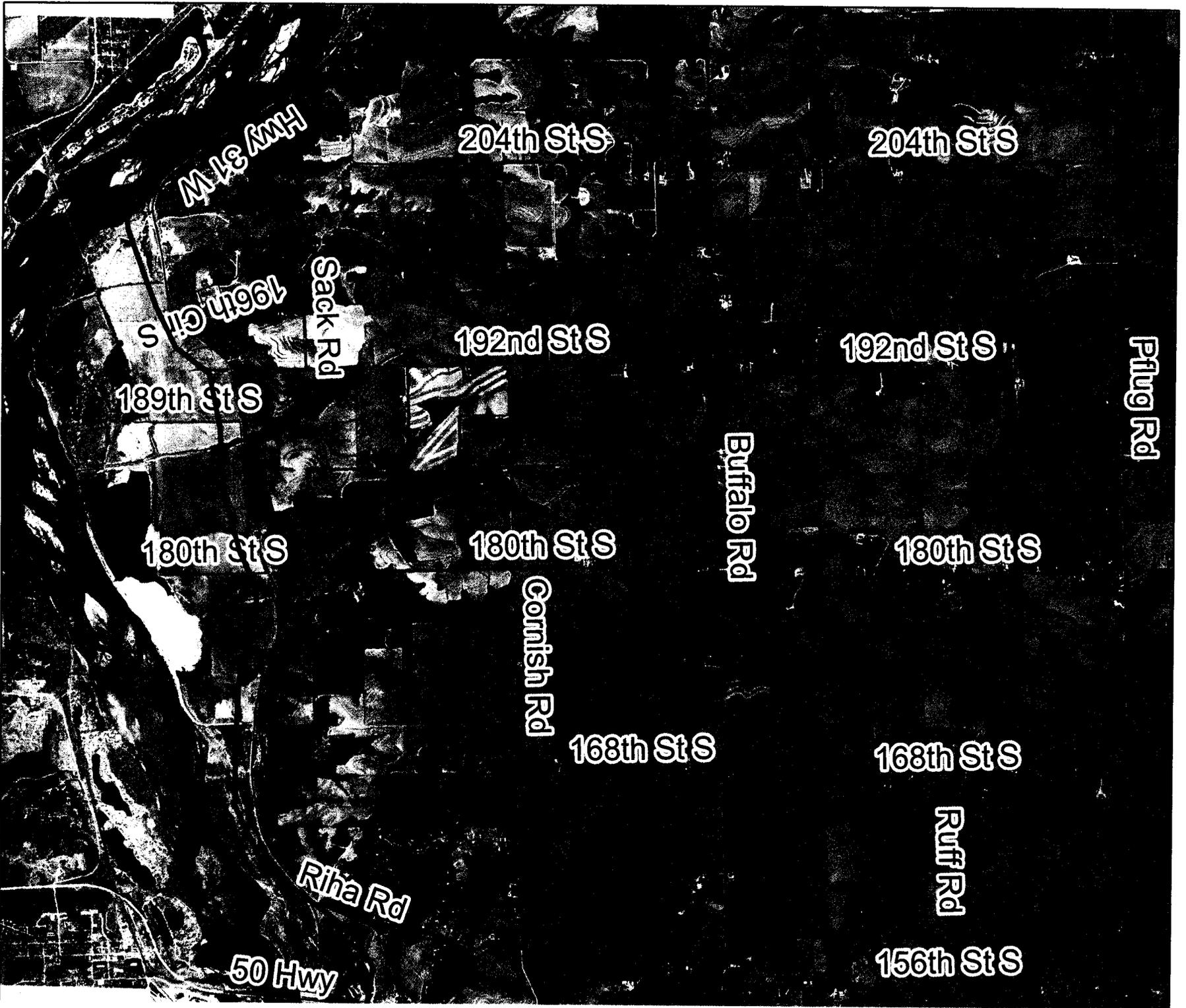
BENCHMARKS

- BRASS CAP FOUND AT 83.3 FEET SOUTHWEST OF HIGHWAY 31, APPROXIMATELY 38.4 FT TO ROW MARKER, 1.36 FT TO ROW CONCRETE MARKER, 70.44 FT TO TOP CENTER OF 36" CUP AND 30.15 FT TO 1" NAILS IN POLE MONUMENT NO - 1049 ELEVATION = 1053.184
- TEMPORARY BM #5-SET 12" SPIKE ON SOUTH SIDE OF HIGHWAY 31, JUST BEFORE ROAD CURVES TO SOUTHWEST, APPROXIMATELY 10' WEST OF ENTRANCE INTO WOOD AREA. ELEVATION=1022.36
- TEMPORARY BM #6-SET 12" SPIKE AT NORTHEAST CORNER OF HIGHWAY 31 AND RMA ROAD. ELEVATION=1022.70
- TEMPORARY BM #10-SET 12" SPIKE AT SOUTH SIDE OF HIGHWAY 31, AT SOUTHWEST RETURN OF ENTRANCE TO "WESTERN SAND AND GRAVEL". ELEVATION=1029.65
- TEMPORARY BM #11-SET 12" SPIKE ON NORTH SIDE OF HIGHWAY 31, ACROSS FROM ADDRESS "17901". ELEVATION=1078.94

THE 1997 NEBRASKA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, THE SUPPLEMENTAL SPECIFICATIONS TO THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AND THE SPECIAL PROVISIONS APPLY TO THIS PROJECT.

GERRY BOWEN PAPIO-MISSOURI RIVER NRD 8901 SOUTH 154TH STREET OMAHA, NE 68136-3621 P: 402-444-6222 F: 402-895-6543	DANIEL J. DOLEZAL EHRHART GRIFFIN & ASSOCIATES 3552 FARMHALL STREET OMAHA, NE 68131 P: 402-561-2314 F: 402-551-6540 ddoleza@ehrhartgriffin.com	BRIAN E. PECKA, ASLA BIG MUDDY WORKSHOP 4502 SOUTH 42ND ST. OMAHA, NE 68107-1059 P: 402-344-8711 F: 402-344-8712 bpecka@bigmuddyworkshop.com
----------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------





Mopac Trail Extension



8 #