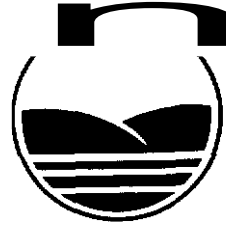


**PAPIO-MISSOURI RIVER  
NATURAL  
RESOURCES  
DISTRICT**



**Programs, Projects & Operations  
Subcommittee Meeting  
March 11, 2003**

**7:00 p.m.  
Agenda**

8901 S. 154TH ST.  
OMAHA, NE 68138-3621  
(402) 444-6222  
FAX (402) 895-6543

**Programs, Projects & Operations**

John Conley, Chairperson  
Rich Jansen, Vice-Chairperson  
Tim Fowler  
Joe Neary  
Rich Tesar

**Alternate Members:** Dick Connealy  
Pete Rubin

**Staff Liaison:** Gerry Bowen  
Jerry Herbster  
Ralph Puls \*  
Paul Woodward

1. Meeting Called to Order – Chairperson John Conley
2. Quorum Call
3. Adoption of Agenda
4. Presentation of Rural Water Feasibility Report for Eastern Washington County---Chris Koenig, HGM Assoc.; Ted McIntyre, McIntyre Consulting; Dick Sklenar, P-MRNRD
5. Review and Recommendation on Award of Contract for Phase 2 Improvements/Dakota County Rural Water -- Dick Sklenar
6. Review and Recommendation on Bids for Chalco Hills Boulevard Improvement Project – Jerry Herbster
7. Review and Recommendation on Directors' E-Mail – Pete Rubin and Trent Heiser
8. Other Items of Interest
9. Adjourn

**MEMORANDUM**

**TO:** PPO Sub-committee

**FROM:** Dick Sklenar

**SUBJECT:** Rural Water Feasibility Study Report for Eastern Washington County

**DATE:** March 3, 2003

Attached to this memorandum is the completed Rural Water Feasibility Study Report for a 48 square mile area in eastern Washington County. Their report, prepared by HGM Associates, indicates that approximately 80 percent of the available households in the study area will need to sign up in order for rural water to be available for the entire area.

The study indicates that existing hookup fees and water rates that are currently being used by the existing Washington County Rural Water system will be implemented. Rural residents who did not contribute financially to the Rural Water Feasibility Study Report will be asked to contribute an additional \$100.00 towards the hookup fee. The report also states that water will be purchased from the city of Blair.

The proposed water rate schedule for the study area is as follows:

<b>USAGE</b>	<b>CHARGE</b>
Basic monthly charge	\$13.75
First 10,000 gallons	\$3.95 per thousand
Next 10,000 gallons	\$2.85 per thousand
Next 30,000 gallons	\$1.95 per thousand
All over 50,000 gallons	\$1.44 per thousand

The proposed hookup fee for single family residences and private water systems are as follows:

<b>DESCRIPTION</b>	<b>HOOKUP FEE</b>
Single family residence (3/4" meter)	\$2,600.00
Single family dwelling (1" meter)	\$5,000.00
Country Estates Connection	\$85,869.97
Eagelview Connection	\$64,596.45
Pioneers Hills Connection	\$32,646.06
SID #1 Connection	\$36,839.80
Lakeland Connection	\$307,724.66

\*NOTE: \$2,500.00 of resident contributed toward feasibility study.

Management recommends that the Sub-committee recommend to the Board of Directors that implementation of a Rural Water System in Eastern Washington County be pursued as outlined in the Feasibility Study Report prepared by HGM Associates and that the deadline for accepting applications for service and hookup fees be established as no later than June 30, 2003.

Rural Water Feasibility Report  
for Eastern Washington County,  
prepared by HGM, Assoc.,  
mailed to Directors 3/4/03.

**MEMO TO:** Programs, Projects & Planning Subcommittee

**SUBJECT:** Attachment for Washington County Rural Water Study

**DATE:** 3/5/03

**FROM:** Dick Sklenar

Not to be omitted is a minor secondary feasibility study on extending a distribution main along Hwy. 75 just South of Nashville (in Washington County). Several residents expressed interest in having the NRD review the economics of extending the existing distribution system. As a result, this was included in the original scope of the feasibility study when HGM Assoc. was hired.

Management recommends that the Subcommittee recommend to the Board of Directors that contents of the study regarding the extension of the existing distribution system south of Nashville along Hwy. 75 be accepted and implemented.



February 26, 2003

*Mr.* Dick Sklenar  
Papio-Missouri River Natural Resources District  
8901 South **154"** Street  
Omaha, **NE** 68138-3621

Subject: Washington County Rural Water Study  
Existing System  
Extension Feasibility

Dear **Mr.** Sklenar:

The Papio-Missouri River Natural Resources District (P-MRNRD) is considering an extension of their existing system to serve residences along a portion of **US** Highway 75 in Douglas County. The following is a review of the findings, location drawing, opinion of probable project costs, and recommendation for implementation of the project.

Study Location. The study area is approximately 5 miles south of Fort Calhoun, immediately south of the Washington/Douglas County line. The P-MRNRD currently has a 6' diameter main on the north end of the area with a 3" diameter main extended approximately 600 feet south of the 6' main along the east side of Highway 75. A 2" diameter main is located on the south end which is fed by a 4" main. A 6" diameter main was constructed on the west side of Highway 75 to serve a new user, as an extension of the 2" line on the south.

User Applications. Four residences contacted the P-MRNRD individually about connecting to the existing system. The P-MRNRD has not yet contacted each of the residences in the study area to determine the level of interest.

Potential Users. A site review was made of the study area to determine the number and location of the existing residences within the study area. All of the residences are located on the east side of Highway 75. The residences are shown on the attached Exhibit A. Exhibit A also shows the location of the existing water mains and the proposed water mains to serve the new users. A total of 21 potential new users were identified.

Proposed System. The proposed extension would require a 3" main connecting the existing 6" mains located on the north and south end of the area. Smaller 2" diameter branch mains would be constructed to serve the residences not abutting the proposed 3" main. The encasement for the 3" main under Highway 75 would be bored. End of line

**Mr. Dick Sklenar**  
**Existing System Extension**  
**February 26, 2003**  
**Page 2**

cleanouts will be installed at the end of the branch lines. Isolation valves would be installed on the branch lines at the connection to the 3" main.

Increased Main Sizing. The P-MRNRD is considering increasing the size of the proposed new **main** that would connect the two 6" mains **from 3" to 6"**. The connection of the two existing 6" mains with a 6" main will create a loop within the system that will improve the hydraulics and operational flexibility of the system.

System Pressure. The existing system is pressurized by pumps that supply the system. The pump station is located on 60<sup>th</sup> Street, less than a mile from the proposed extension. Based on the discharge pressure at the pump station, the minimum pressure in the study area will be **60** psi.

Connection Fee. The current connection fee for new users in the area is \$2,500.00. The Capital Facilities Charge for MUD would also apply to these new users.

User Rates and Water Usage. The current user rates for the existing system are attached as Exhibit D. The water usage rate used in the feasibility analysis is based on the average monthly usage of the existing system.

Operation and Maintenance Costs and Water Rates. The operation and maintenance costs (O&M) and water costs for the proposed system extension are based upon the current costs of the existing system.

Preliminary Opinion of Probable Project Costs. The Preliminary Opinion of Project Costs are attached as exhibits. Exhibit B is the Opinion of Costs for the proposed system extension sized to serve the **21** potential users. Exhibit C is the Opinion of Costs for the proposed system extension with the **main** increased in size as discussed previously. **An** additional 600 feet of main would be installed parallel to the existing 3" main on the north end to allow direct connection to the existing 6" main. The opinion of costs does include the MUD Capital Facilities Charge for each resident.

Total Opinion of Costs with 3" Main:	\$ 95,904.80
Total Opinion of Costs with 6" Main:	\$115,006.30
Additional Costs for Increasing Main Size:	\$ 19,101.50



A TRADITION OF EXCELLENCE  
A COMMITMENT TO CREATIVESOLUTIONS

Feasibility Analysis. The financial viability or feasibility of the proposed extension is based on several factors including the initial project costs, project financing, connection fees, and income from water sales. The analysis is based on the construction costs for serving the potential users without the increased main size. Financing for a portion of the project costs is calculated at a 5% interest rate for 20 years. Based on the criteria listed, the feasibility of the proposed extension is determined by the number of households that connect to the proposed extension. The following feasibility analysis is based on the minimum number of households necessary for the extension to be financially viable:

	<u>10 Households</u>
Estimated Project Cost:	\$70,563.55
Less Connection Fees:	<u>25,000.00</u>
Total Amount Financed:	\$53,874.20
Annual Principal and Interest:	\$ 3,656.02
Annual O & M	763.19
Annual Water Costs:	<u>845.25</u>
Total Annual Costs:	\$ 5,264.45
Total Annual Income:	\$ 5,517.60
Net Annual Income:	\$ 253.15

#### RECOMMENDATIONS

The extension of the existing system to serve the houses in the study area is feasible, provided a sufficient number of households are willing to commit to the project. The financing rate is very attractive at this time and, as shown by the Feasibility Analysis, the project can generate sufficient funds to cover the construction and operation costs of the project with only 10 households. Additional households would be more desirable to improve the viability of the Project.

We recommend proceeding with the final design of the project after a minimum of 10 customers make the financial commit to the PMRNRD. Depending on the locations of the signers, portions of the extension may not need to be built immediately which would reduce the project costs.



A TRADITION OF EXCELLENCE  
A COMMITMENT TO CREATIVE SOLUTIONS

Mr. Dick Sklenar  
Existing System Extension  
February 26, 2003  
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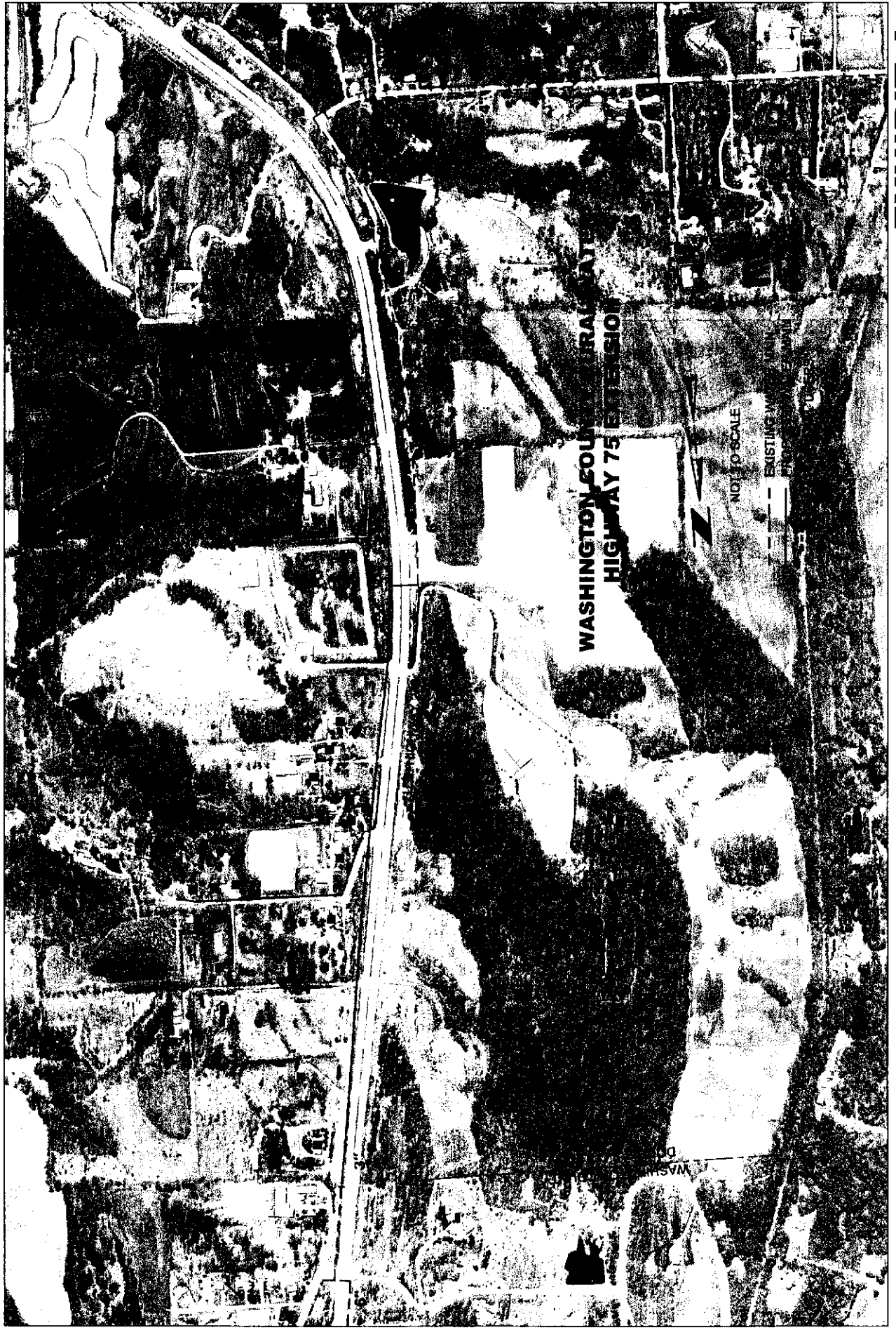
We recommend contacting all of the households in the study area to present the information and provide the opportunity make the financial commitment. If the **minimum** 10 households make the commitment, we recommend proceeding with the final design. We recommend that the current connection fee of \$2,500.00 and the current water rate schedule, shown as Exhibit D, be used for the proposed extension.

Sincerely,  
**HGM Associates Zrc.**

  
**Chris J. Keenig, P.E.**

Attachments





**Preliminary Opinion of Probable Project Costs**

Existing System Extension

Washington **County** Rural Water Study  
 Papio-Missouri River Natural Resources District

*February 24, 2003*

<b>No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>	<b>Price</b>	<b>Total</b>
1	3" PVC	3,900	L.F.	\$ 3.00	\$ 11,700.00
2	2" PVC	4,200	L.F.	\$ 2.60	\$ 10,920.00
3	3" Valve	1	EA	\$ 450.00	\$ 450.00
4	2" Valve	2	EA	\$ 300.00	\$ 600.00
5	End of Line Cleanout	2	EA	\$ 700.00	\$ 1,400.00
6	Highway Crossing, 6" Encasement	1	EA	\$ 3,250.00	\$ 3,250.00
7	Road Crossing, No Encasement	5	EA	\$ 1,200.00	\$ 6,000.00
8	Meter Settings, Residential	21	EA	\$ 900.00	\$ 18,900.00
9	Service Line	2,100	LF	\$ 2.50	\$ 5,250.00
10	Paved Driveway Crossing	1	EA	\$ 750.00	\$ 750.00
11	Tap Existing 6"	1	EA	\$ 2,500.00	\$ 2,500.00
	Contingency (5%):				\$ 3,086.00
	MUD Capital Facilities Charge	21	EA	\$ 849.00	\$ 17,829.00
	Easement Acquisition (3%)				\$ 1,851.60
	Legal (0.5%)				\$ 308.60
	Engineering (15%)				\$ 9,258.00
	Construction Interest (3%)				\$ 1,851.60
					<b>95,904.80</b>

<b>Preliminary Opinion of Probable Construction Costs</b>
<b>Existing System Extension Oversized</b>
<b>Washington County Rural Water Study</b>
<b>Papio-Missouri River Natural Resources District</b>
<i>February 24, 2003</i>

No.	Description	Quantity	Units	Price	Total
1	6" PVC	4,500	L.F.	\$ 5.00	\$ 22,500.00
2	2" PVC	4,200	L.F.	\$ 2.60	\$ 10,920.00
3	6" Valve	1	EA	\$ 750.00	\$ 750.00
4	2" Valve	2	EA	\$ 300.00	\$ 600.00
5	End of Line Cleanout	2	EA	\$ 700.00	\$ 1,400.00
6	Highway Crossing, 10" Encasement	1	EA	\$ 3,750.00	\$ 3,750.00
7	Road Crossing, No Encasement	5	EA	\$ 1,200.00	\$ 6,000.00
8	Meter Settings, Residential	21	EA	\$ 900.00	\$ 18,900.00
9	Service Line	2,100	LF	\$ 2.50	\$ 5,250.00
10	Paved Driveway Crossing	1	EA	\$ 750.00	\$ 750.00
11	Tap Existing 6"	2	EA	\$ 3,000.00	\$ 6,000.00
	<b>Subtotal Construction</b>				<b>\$ 76,820.00</b>
	<b>Contingency (5%):</b>				<b>\$ 3,841.00</b>
	<b>Easement Acquisition (3%)</b>				<b>\$ 2,304.60</b>
	<b>MUD Capital Facilities Charge</b>	21	EA	<b>\$ 849.00</b>	<b>\$ 17,829.00</b>
	<b>Legal (0.5%)</b>				<b>\$ 384.10</b>
	<b>Engineering (1.5%)</b>				<b>\$ 11,523.00</b>
	<b>Construction Interest (3%)</b>				<b>\$ 2,304.60</b>
	<b>TOTAL ESTIMATED PROJECT COST</b>				<b>\$ 115,006.30</b>

Papio-Missouri River Natural Resources District

Washington County Rural Water Supply System

***WaferRate Schedule***

Effective June 1, 1997

Basic Monthly Charge	\$13.75*
First 10,000 Gallons	\$ 3.95 / 1,000 Gallons*
Next 10,000 Gallons	\$ 2.85 / 1,000 Gallons*
Next 30,000 Gallons	\$ 1.95 / 1,000 Gallons*
All Over 50,000 Gallons	\$ 1.44 / 1,000 Gallons*

\*Plus 5% Nebraska State Sales Tax

# MEMORANDUM

**TO:** Programs, Projects and Operations Subcommittee

**SUBJECT:** Contract for Phase 2 Rural Water Distribution System Improvements/Dakota County

**DATE:** February 27, 2003

**FROM:** Dick Sklenar

---

Bids were opened on the above date regarding distribution system improvements for the District's Dakota County Rural Water System. The improvements entail the construction of a new 8" reinforcing main to enhance the availability of water supplies for the northern portion of the distribution network, to hookup a trailer court with about 120 units, and to do some additional looping of the system. This is the second phase of three planned.

The names of the firms and the respective bid is as follows:

<u>FIRM NAME</u>	<u>BID AMOUNT</u>
1. M. Albenesius Inc.	\$245,332.25
2. Albenesius Contracting Inc.	\$250,885.35
3. Plumbing & Electric Service Inc.	\$260,962.95
4. R. Rose Sewer & Water Service	\$265,474.91
5. Heine Electric & Irrigation Inc.	\$303,208.75
6. Zeisler Construction Inc.	\$345,575.25
7. M.E. Collins Company	\$385,000.00

The District's Engineering Consultant for this work (Bartlett and West Engineers, Inc.) estimated the construction cost at \$287,781.50.

Management recommends that the Subcommittee recommend to the Board of Directors that the General Manager be authorized to execute a contract of \$245,332.25 with Mark Albenesius Inc. for Phase 2 distribution system improvements for the District's Dakota County Rural Water System.

**BARTLETT & WEST**  
**ENGINEERS**  
SERVICE THE BARTLETT & WEST WAY.

March 3, 2003

Mr. Dick Sklenar  
Pawnee-Missouri River Natural Resources District  
8901 So. 154th Street  
Omaha, NE 68138-3621

**SUBJECT: Recommendation of Award for Contract No. 2  
Waterline Extension Project  
For KWD No. 1, Dakota County, Nebraska  
W.O. 4239.002**

Dear Board of Directors:

The bid opening for the proposed distribution system improvements were held on February 27, 2003 at 2:00 P.M. The bids were public ally opened and read aloud.

The low bidder for the base bid for Contract No. 2 was Mark Albenesius, Inc., with a base bid of \$245,332.25. This bid includes approximately 6 miles of 8" and 6" distribution lines, road and driveway crossings, connections to existing waterlines, valves, flush hydrants, rough and finished site grading, and a master meter.

We have not worked with this contractor in the past, but have heard positive responses regarding their work with the City of Lemars, Iowa, the City of South Sioux City, Nebraska, and the engineering firm of DeWild, Grant, Reckert & Associates. These comments expressed confidence in this contractor's ability to complete a quality job on time. These projects consisted of waterline and force main installations of varying lengths up to 18-inches in size.

Based on this information, we recommend that the District Award Contract No. 2 for the base bid, to the low bidder Mark Albenesius, Inc. for the amount of \$245332.25.

Sincerely,

**BARTLETT & WEST ENGINEERS, Inc.**

  
John A. Ruckman, P.E.

JAR

Enclosure

1200 SW EXECUTIVE DRIVE ■ TOPEKA KS 66615-3850  
785.272.2252 ■ FAX 785.272.7349 ■ 800.200.6464

## MEMORANDUM

The Papio-Missouri River NRD received and opened bids on the Chalco Hills Recreation Area Boulevard Improvement Project on March 6, 2003 at 10:00 a.m. The project was advertised in local and state-wide publications on February 20 and 27, 2003. There was a pre-bid conference held at the NRD offices on March 4, 2003 at 11:00 a.m. for all prospective bidders with the engineering firm of Sides & Associates and NRD staff explaining the total project.

There were 7 contractors who submitted bids. The bids were reviewed by the NRD staff and Sides & Associates. The engineering estimate for this project was \$305,430.00 for concrete surface and \$294,478.00 for asphalt surface. Budgeted amount for the project was \$305,000.00.

A letter from Russell Falconer, Sides & Associates, summarizing the bids received and the bid tabulation sheets are attached.

**It is the staff's recommendation that the Subcommittee recommend to the Board that the low bid submitted by Luxa Construction for \$227,759.08 be awarded the contract for the Chalco Hills Recreation Area Boulevard Improvement Project.**



# SIDES & ASSOCIATES, INC.

SINCE 1980

Engineers • Surveyors • Project Managers

March 6, 2003

Mr. Jerry Herbster  
 Park Superhtendent  
 Papio-Missouri River - NRD  
 8901 South 154<sup>th</sup> Street  
 Omaha, NE 68138

RE: Chalco Hills Recreation Area/Wehrspann Lake  
 Boulevard Improvements  
 Review of Bids Received March 6, 2003

Dear Jerry:

We have reviewed the bids as received on March 6, 2003 for the above referenced project and recommend that the lowest and best bid be awarded to Luxa Construction Co., Inc. in the total bid amount of \$227,759.08

The following Base Plan PCC bids were received:

Luxa Construction Co., Inc.	\$227,759.08
Swain Construction, Inc.	\$242,983.97
Cedar Construcuoan Co.	\$264,080.38
Tab Construction Co.	\$290,710.18
Vrana Construction Co.	\$285,717.14
Engineer's Estimate	\$305,430.00

ing Alternate Plan ACC bids were received:

US Asphalt Co.	\$229,798.17
Western Engineering	\$241,505.26
Engineer's Estimate	\$294,478.00

I have forwarded a copy of the bid tabs to Pat Teer via email. If you have any questions or comments please feel free to give me a call.

Sincerely,

SIDES &amp; ASSOCIATES, INC.

Russell W. Falconer, P.E.  
 Project Engineer

Copy: file



**TABULATION OF BIDS**  
**Chalco Hills Recreation Area/Wehrspann Lake - Boulevard Improvements**

Alternate Plan ACC

Item #	Description	Estimated Quantities	Engineers Opinion of Probable Constr. Cost		Cedar Construction	
			Unit Price	Total Price	Unit Price	Total Price
1.	REMOVE PAVEMENT	5,158.4 S.Y.	3.25	16,764.80	1.56	8,047.10
2.	REMOVE BOLLARD	1.0 EACH	250.00	250.00	56.00	56.00
3.	REMOVE INLET	1.0 EACH	350.00	350.00	336.00	336.00
4.	REMOVE CULVERT PIPE, 12" DIAMETER	42.0 L.F.	8.00	336.00	11.20	470.40
5.	RELOCATE STREET LIGHTING UNIT	11.0 EACH	1,100.00	12,100.00	600.00	6,600.00
6.	SUBGRADE CONSTRUCTION	7,600.0 S.Y.	2.00	15,200.00	0.80	6,080.00
7.	EARTHWORK (EMBANKMENT)	2,970.0 C.Y.	4.50	13,365.00	7.25	21,532.50
8.	CONSTRUCT 7" CONCRETE PAVEMENT	5,854.9 S.Y.	30.00	175,647.00	23.50	137,590.15
9.	CONSTRUCT 4" COLORED CONCRETE MEDIAN SURFACING	687.8 S.Y.	30.00	20,634.00	45.00	30,951.00
10.	CONSTRUCT CURB INLET, TYPE I	2.0 EACH	3,000.00	6,000.00	2,240.00	4,480.00
11.	CONSTRUCT 18" CORRUGATED METAL PIPE	82.0 L.F.	25.00	2,050.00	25.78	2,113.96
12.	CONSTRUCT JUNCTION BOX	1.0 EACH	1,500.00	1,500.00	1,250.00	1,250.00
13.	CONSTRUCT STREET LIGHTING FOUNDATION	11.0 EACH	325.00	3,575.00	870.00	9,570.00
14.	STREET LIGHTING CABLE	1,800.0 L.F.	6.00	10,800.00	6.75	12,150.00
15.	SEEDING, NATIVE PRAIRIEGRASS MIXTURE	6,030.0 S.Y.	0.70	4,221.00	0.60	3,618.00
16.	FABRIC SILT FENCE	525.0 L.F.	3.50	1,837.50	3.25	1,706.25
17.	EROSION CONTROL	404.8 S.Y.	5.00	2,024.00	2.05	829.84
18.	REMOVE EXISTING WOVEN WIRE FENCE	350.0 L.F.	1.65	577.50	2.65	927.50
19.	GATE POSTS AND FOOTINGS	2.0 EACH	550.00	1,100.00	600.00	1,200.00
20.	PRECAST PANEL AND FOOTING	1.0 EACH	5,500.00	5,500.00	6,235.00	6,235.00
21.	ROUND RAIL WOOD FENCE	340.0 L.F.	8.80	2,992.00	6.00	2,040.00
22.	PLANTING BED PREPARATION	920.0 S.F.	1.10	1,012.00	0.70	644.00
23.	SOUTHWESTERN WHITE PINE - 6'-8' HEIGHT	10.0 EACH	275.00	2,750.00	215.00	2,150.00
24.	FLAME AMUR MAPLE - 5'-6' HEIGHT	5.0 EACH	165.00	825.00	50.00	250.00
25.	GRO-LOW SUMAC - 15"-18" HEIGHT	22.0 EACH	38.50	847.00	21.00	462.00
26.	NATIVE GRASSES AND WILDFLOWERS	140.0 EACH	4.95	693.00	5.05	707.00
27.	ALUMINUM EDGING	178.0 L.F.	4.40	783.20	4.56	811.68
28.	TURFGRASS SEEDING	2,120.0 S.Y.	0.80	1,696.00	0.60	1,272.00
				305,430.00		264,080.38

**SIDES & ASSOCIATES, INC.**  
 3207 NORTH 90TH STREET  
 OMAHA NEBRASKA 68134

TABULATION OF BIDS

Chalco Hills Recreation Area/Wehrspann Lake - Boulevard Improvements

Alternate Plan ACC

Item #	Description	Estimated Quantities	Luxa Construction		Swain Construction	
			Unit Price	Total Price	Unit Price	Total Price
1.	REMOVE PAVEMENT	5,158.4 S.Y.	2.38	12,276.99	1.50	7,737.60
2.	REMOVE BOLLARD	1.0 EACH	122.70	122.70	60.00	60.00
3.	REMOVE INLET	1.0 EACH	435.24	435.24	300.00	300.00
4.	REMOVE CULVERT PIPE, 12" DIAMETER	42.0 L.F.	7.80	327.60	12.00	504.00
5.	RELOCATE STREET LIGHTING UNIT	11.0 EACH	536.00	5,896.00	626.40	6,890.40
6.	SUBGRADE CONSTRUCTION	7,600.0 S.Y.	0.49	3,724.00	0.75	5,700.00
7.	EARTHWORK (EMBANKMENT)	2,970.0 C.Y.	5.91	17,552.70	7.60	22,572.00
8.	CONSTRUCT 7" CONCRETE PAVEMENT	5,854.9 S.Y.	20.00	117,098.00	21.00	122,952.90
9.	CONSTRUCT 4" COLORED CONCRETE MEDIAN SURFACING	687.8 S.Y.	38.62	26,562.84	37.83	26,019.47
10.	CONSTRUCT CURB INLET, TYPE I	2.0 EACH	1,313.18	2,626.36	1,595.00	3,190.00
11.	CONSTRUCT 18" CORRUGATED METAL PIPE	82.0 L.F.	28.18	2,310.76	30.50	2,501.00
12.	CONSTRUCT JUNCTION BOX	1.0 EACH	1,165.12	1,165.12	1,220.00	1,220.00
13.	CONSTRUCT STREET LIGHTING FOUNDATION	11.0 EACH	774.00	8,514.00	923.40	10,157.40
14.	STREET LIGHTING CABLE	1,800.0 L.F.	6.00	10,800.00	6.25	11,250.00
15.	SEEDING, NATIVE PRAIRIEGRASS MIXTURE	6,030.0 S.Y.	0.50	3,015.00	0.78	4,703.40
16.	FABRIC SILT FENCE	525.0 L.F.	2.90	1,522.50	3.00	1,575.00
17.	EROSION CONTROL	404.8 S.Y.	1.80	728.64	1.45	586.96
18.	REMOVE EXISTING WOVEN WIRE FENCE	350.0 L.F.	2.34	819.00	1.96	686.00
19.	GATE POSTS AND FOOTINGS	2.0 EACH	500.00	1,000.00	477.00	954.00
20.	PRECAST PANEL AND FOOTING	1.0 EACH	3,974.43	3,974.43	3,585.00	3,585.00
21.	ROUND RAIL WOOD FENCE	340.0 L.F.	5.33	1,812.20	5.40	1,836.00
22.	PLANTING BED PREPARATION	920.0 S.F.	0.60	552.00	1.84	1,692.80
23.	SOUTHWESTERN WHITE PINE - 6'-8' HEIGHT	10.0 EACH	190.00	1,900.00	232.20	2,322.00
24.	FLAME AMUR MAPLE - 5'-6' HEIGHT	5.0 EACH	45.00	225.00	183.60	918.00
25.	GRO-LOW SUMAC - 15"-18" HEIGHT	22.0 EACH	18.00	396.00	21.60	475.20
26.	NATIVE GRASSES AND WILDFLOWERS	140.0 EACH	4.50	630.00	5.40	756.00
27.	ALUMINUM EDGING	178.0 L.F.	4.00	712.00	3.78	672.84
28.	TURFGRASS SEEDING	2,120.0 S.Y.	0.50	1,060.00	0.55	1,166.00
				227,759.08		242,983.97

SIDES & ASSOCIATES, INC.  
 3207 NORTH 90TH STREET  
 OMAHA, NEBRASKA 68134

**TABULATION OF BIDS**  
**Chalco Hills Recreation Area/Wehrspann Lake - Boulevard Improvements**

Alternate Plan ACC

Item #	Description	Estimated Quantities	Tab Construction		Vrana Construction	
			Unit Price	Total Price	Unit Price	Total Price
1.	REMOVE PAVEMENT	5,158.4 S.Y.	3.00	15,475.20	1.80	9,285.12
2.	REMOVE BOLLARD	1.0 EACH	110.00	110.00	124.80	124.80
3.	REMOVE INLET	1.0 EACH	331.00	331.00	445.80	445.80
4.	REMOVE CULVERT PIPE, 12" DIAMETER	42.0 L.F.	7.50	315.00	15.40	646.80
5.	RELOCATE STREET LIGHTING UNIT	11.0 EACH	592.00	6,512.00	568.70	6,255.70
6.	SUBGRADE CONSTRUCTION	7,600.0 S.Y.	1.25	9,500.00	2.00	15,200.00
7.	EARTHWORK (EMBANKMENT)	2,970.0 C.Y.	6.55	19,453.50	9.30	27,621.00
8.	CONSTRUCT 7" CONCRETE PAVEMENT	5,854.9 S.Y.	24.45	143,152.31	22.89	134,018.66
9.	CONSTRUCT 4" COLORED CONCRETE MEDIAN SURFACING	687.8 S.Y.	46.85	32,223.43	56.00	38,516.80
10.	CONSTRUCT CURB INLET, TYPE I	2.0 EACH	1,610.00	3,220.00	1,694.50	3,389.00
11.	CONSTRUCT 18" CORRUGATED METAL PIPE	82.0 L.F.	24.22	1,986.04	32.90	2,697.80
12.	CONSTRUCT JUNCTION BOX	1.0 EACH	1,891.00	1,891.00	3,473.60	3,473.60
13.	CONSTRUCT STREET LIGHTING FOUNDATION	11.0 EACH	855.00	9,405.00	927.40	10,201.40
14.	STREET LIGHTING CABLE	1,800.0 L.F.	6.63	11,934.00	7.20	12,960.00
15.	SEEDING, NATIVE PRAIRIEGRASS MIXTURE	6,030.0 S.Y.	0.90	5,427.00	0.60	3,618.00
16.	FABRIC SILT FENCE	525.0 L.F.	2.70	1,417.50	2.90	1,522.50
17.	EROSION CONTROL	404.8 S.Y.	2.00	809.60	2.20	890.56
18.	REMOVE EXISTING WOVEN WIRE FENCE	350.0 L.F.	1.77	619.50	1.80	630.00
19.	GATE POSTS AND FOOTINGS	2.0 EACH	602.00	1,204.00	662.30	1,324.60
20.	PRECAST PANEL AND FOOTING	1.0 EACH	5,300.00	5,300.00	3,228.10	3,228.10
21.	ROUND RAIL WOOD FENCE	340.0 L.F.	12.45	4,233.00	6.60	2,244.00
22.	PLANTING BED PREPARATION	920.0 S.F.	0.65	598.00	1.60	1,472.00
23.	SOUTHWESTERN WHITE PINE - 6'-8' HEIGHT	10.0 EACH	210.00	2,100.00	245.10	2,451.00
24.	FLAME AMUR MAPLE - 5'-6' HEIGHT	5.0 EACH	49.00	245.00	54.50	272.50
25.	GRO-LOW SUMAC - 15"-18" HEIGHT	22.0 EACH	22.00	484.00	22.10	486.20
26.	NATIVE GRASSES AND WILDFLOWERS	140.0 EACH	5.00	700.00	4.90	686.00
27.	ALUMINUM EDGING	178.0 L.F.	4.45	792.10	4.40	783.20
28.	TURFGRASS SEEDING	2,120.0 S.Y.	0.60	1,272.00	0.60	1,272.00
				280,710.18		285,717.14

**SIDES & ASSOCIATES, INC.**  
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Item #	Description	Estimated Quantities	AVERAGE UNIT PRICE	HIGH UNIT PRICE	LOW UNIT PRICE
1.	REMOVE PAVEMENT	5,158.4 S.Y.	2.05	3.00	1.50
2.	REMOVE BOLLARD	1.0 EACH	94.70	124.80	56.00
3.	REMOVE INLET	1.0 EACH	369.61	445.80	300.00
4.	REMOVE CULVERT PIPE, 12" DIAMETER	42.0 L.F.	10.78	15.40	7.50
5.	RELOCATE STREET LIGHTING UNIT	11.0 EACH	584.62	626.40	536.00
6.	SUBGRADE CONSTRUCTION	7,600.0 S.Y.	1.06	2.00	0.49
7.	EARTHWORK (EMBANKMENT)	2,970.0 C.Y.	7.32	9.30	5.91
8.	CONSTRUCT 7" CONCRETE PAVEMENT	5,854.9 S.Y.	22.37	24.45	20.00
9.	CONSTRUCT 4" COLORED CONCRETE MEDIAN SURFACING	687.8 S.Y.	44.86	56.00	37.83
10.	CONSTRUCT CURB INLET, TYPE I	2.0 EACH	1,690.54	2,240.00	1,313.18
11.	CONSTRUCT 18" CORRUGATED METAL PIPE	82.0 L.F.	28.32	32.90	24.22
12.	CONSTRUCT JUNCTION BOX	1.0 EACH	1,799.94	3,473.60	1,165.12
13.	CONSTRUCT STREET LIGHTING FOUNDATION	11.0 EACH	869.96	927.40	774.00
14.	STREET LIGHTING CABLE	1,800.0 L.F.	6.57	7.20	6.00
15.	SEEDING, NATIVE PRAIRIEGRASS MIXTURE	6,030.0 S.Y.	0.68	0.90	0.50
16.	FABRIC SILT FENCE	525.0 L.F.	2.95	3.25	2.70
17.	EROSION CONTROL	404.8 S.Y.	1.90	2.20	1.45
18.	REMOVE EXISTING WOVEN WIRE FENCE	350.0 L.F.	2.10	2.65	1.77
19.	GATE POSTS AND FOOTINGS	2.0 EACH	568.26	662.30	477.00
20.	PRECAST PANEL AND FOOTING	1.0 EACH	4,464.51	6,235.00	3,228.10
21.	ROUND RAIL WOOD FENCE	340.0 L.F.	7.16	12.45	5.33
22.	PLANTING BED PREPARATION	920.0 S.F.	1.08	1.84	0.60
23.	SOUTHWESTERN WHITE PINE - 6'-8' HEIGHT	10.0 EACH	218.46	245.10	190.00
24.	FLAME AMUR MAPLE - 5'-6' HEIGHT	5.0 EACH	76.42	183.60	45.00
25.	GRO-LOW SUMAC - 15"-18" HEIGHT	22.0 EACH	20.94	22.10	18.00
26.	NATIVE GRASSES AND WILDFLOWERS	140.0 EACH	4.97	5.40	4.50
27.	ALUMINUM EDGING	178.0 L.F.	4.24	4.56	3.78
28.	TURFGRASS SEEDING	2,120.0 S.Y.	0.57	0.60	0.50

SIDES & ASSOCIATES, INC.  
3207 NORTH 90TH STREET  
OMAHA, NEBRASKA 68134

# Memo

**To:** Directors  
**From:** Trent Heiser  
**C C**  
**Date:** March 4, 2003  
**Re:** Papio Email addresses for the Directors

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## **Advantages & Disadvantages**

The advantages of giving the directors email addresses from papionrd.org would be that we could post the addresses on the website and the directors could give their address out without having to give their personal address. The website would have the uniformity of having the same structure for all directors and the staff. The directors can choose whether they want an actual mailbox that they could log into or just an alias that would forward the emails to another account of their choice. The constituents of each district would then be able to contact the director thru their own address instead of going thru the NRD staff and having it forwarded to the director. Estimated cost for software to host director email under our existing system is \$3,500.

The disadvantages of giving the directors email addresses would be that if the directors choose to have a mailbox then the director would be responsible for checking the account on their own. The mailboxes could be subject to the same rules that the NRD email policy contains including monitoring and language filtering.