

MEMORANDUM

TO: PPO Subcommittee

FROM: Dick Sklenar

SUBJECT: Supplemental Feasibility Report for Washington County Rural Water Study

DATE: September 25, 2003 (Revised)

A Supplemental Feasibility Report has recently been completed by HGM Associates regarding the proposed rural water project in Washington County. We've received 300 applications and hookup fee deposits from property owners within the study area. The Supplemental Report is intended to address the economic viability of providing rural water service to those that have responded.

As you may recall, the initial Feasibility Report that was completed earlier this year indicated that over 680 interested property owners were necessary in order to serve the entire 48 square mile study area. However, the District did mention to residents at a public meeting that an investigation would be made to determine if a smaller portion of the study area is economically viable.

The Report concludes that the best option is to purchase water from the City of Blair which will enable rural water service to be provided to about 229 of the 300 respondents. The proposed water line routes are indicated on a map attached to the Supplemental Report.

Management recommends that the Subcommittee recommend to the Board of Directors that the Supplemental Feasibility Report for the rural water study in Washington County be accepted and recommendations implemented, and that a public meeting be held to disseminate the information of the report to rural residents. It is further recommended that the District staff initiate discussions with the City of Blair regarding the purchase of water from that community and to initiate discussions with the Washington County Board of Supervisors to discuss the cost of oversizing some of the proposed water distribution routes, all for consideration by the Board prior to proceeding with design. It is further recommended that the Subcommittee recommend to the Board that the hookup fee be increased \$700.00 (from \$2,800.00 to \$3,500.00) effective July 1, 2004.

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It is recommended that the Subcommittee recommend to the Board of Directors that the Supplemental Feasibility Report for the rural water study in Washington County be accepted and recommendations implemented, and that a public meeting be held to disseminate the information of the report to rural residents. It is further recommended that the District staff initiate discussions with the City of Blair regarding the purchase of water from that community and to initiate discussions with the Washington County Board of Supervisors to discuss the cost of oversizing some of the proposed water distribution routes.

**PAPIO-MISSOURI RIVER
NATURAL RESOURCES DISTRICT**

**WASHINGTON COUNTY RURAL WATER
STUDY**

SUPPLEMENTAL REPORT

September 24, 2003

Prepared by:

HGM Associates Inc.

And

McIntyre Consulting

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INTRODUCTION

The Papio-Missouri River Natural Resources District (District) authorized a study to evaluate the feasibility of constructing a rural water system in Washington County. The study area is roughly bounded by the City of Blair on the north, Fort Calhoun on the east, the big Papio Creek on the west, and the county line on the south.

The Study was completed in February, 2003 and submitted to the District for approval. The Study analyzed the entire 48 square mile Study area and evaluated the possibility of connecting all of the residents in the Study area. The Study found a rural water system was feasible if an adequate number of rural residents and existing systems connected to the proposed rural water system. Based on the results of the Study, the District proceeded with the final sign-up for the rural water system.

The following is a feasibility analysis of the proposed system based on the results of the signups (300) received as of September 15, 2003.

BASIS OF THE ANALYSIS

The criteria stated below was used to analyze the proposed rural water system:

Water Source: The initial Study found the City of Blair to be the most economical source of water for the proposed system. The City of Blair will serve as the water source for this Study.

Water Supply: The initial Study was based on the installation of a booster station and an elevated storage reservoir to maintain pressure in the system. Due to the decreased demand, pressure will be maintained in the system by means of a pump station with backup power.

Water Usage: Water usage for the proposed system is based on the average monthly usage of the existing rural water system. Water usage for the Country Estates Mobile Home Park will be based on the water records provided.

Billing Rates: A revised billing rate was used to calculate the anticipated revenue.

System Layout and Pipe Sizing: The water distribution system for the proposed rural water system was designed to serve the maximum number of signed residents. The water mains are sized to accommodate only the residents that signed up and paid the connection fee.

User Pressure: The minimum dynamic design pressure at the individual user's meter is 50 psi.

Funding Rate. Funding for the project is based on the District securing bonds. An interest rate of 5% for 20 years was used for the bonds.

O&M Costs: The operation and maintenance costs are based on the same per rural customer costs as the existing system.

FEASIBILITY ANALYSIS

The initial Study considered the entire Study area and the initial distribution system was designed to serve all the residents and existing systems within the Study area. This Supplemental Report addresses only that portion of the Study area that it is economical to serve. Copies of the signup applications were provided by the P-MRNRD. Exhibit A is a list of the rural resident applications. The location of the signups were plotted on a USGS map. The Study area was then evaluated to determine which areas had a high signer density and therefore more viable.

Distribution Layout

Attached is Exhibit B which shows the Study area. The locations of all the residents in the area, the location of the signed up residents, and the proposed distribution layout are shown on the Exhibit B. As indicated, the majority of the signups are located in the northeast portion of the Study area. The legend indicates which residents signed up and the location of the proposed water distribution system.

Water Supply

The City of Blair has extended a 12" water main south along Nebraska Highway 133 to serve the new Mutual of Omaha Records Storage Facility. The water main extends to the south edge of the Mutual of Omaha property. The termination of this main is the anticipated point of connection for the proposed rural water system.

The City has completed a hydraulic analysis of the existing distribution system. The analysis includes the completed 12" water main on Highway 30 and recently installed booster station to address the fire flow of the Mutual building. Based on a rural water demand of 200gpm, the dynamic pressure at the point of connection would be 101 psi. This pressure results in a hydraulic elevation of 1461. The design hydraulic elevation for the connection is 1500. This hydraulic elevation is necessary to maintain a minimum user pressure of 50 psi at the meter.

Pressure in the proposed system will be maintained by the use of a continuously operated pump in lieu of a pump and an elevated storage tank. The proposed water demand for the reduced service area is substantially less than the anticipated demand for the entire Study area. The booster pump station will consist of two pumps operated by variable frequency drives. The speed of pumps is varied to maintain the same pressure within the distribution system despite the change in flow rate. Each pump will be sized to accommodate the entire flow. The pumps will alternate equalize run time.

Water Usage

The average water usage for the existing rural system is 8,160 gallons per household per month. The average water usage for Country Estates is 7,241 gallons per household per month, based on the water records provided.

The signup applications include a number of planned developments. The developers have paid the signup fee for many of the lots. It is likely that only a portion of the lots will be occupied immediately and the developer will likely pay the minimum billing rate for a portion of the lots. For purposes of this analysis, we assumed 50% of the empty lots will be developed within 12 months and the remainder will only pay the minimum monthly charge during the first year of operation.

The volume of water used will be increased by 5% to account for normal system losses due to operation and maintenance of the system.

The following is a summary of the anticipated average water usage for the proposed system:

193 households Rural x 8,160 gallons/month =	1,574,880 gallons
116 households Country Estates x 7,241 gallons/month =	<u>839,956 gallons</u>
Subtotal Monthly Usage:	2,414,836 gallons
O&M Usage: 2,414,836 x 0.05 =	120,742 gallons
Total Monthly Usage:	2,535,578 gallons

Opinion of Probable Project Costs

The preliminary opinion of project costs for the proposed rural water system is shown below. The opinion of costs includes the estimated construction costs and overhead cost items. The explanations of the various items are included in the initial Study.

PRELIMINARY OPINION OF PROBABLE PROJECT COSTS

No.	Description	Quantity	Units	Price	Total
1	8" PVC	39,714	L.F.	\$ 7.00	\$ 277,998.00
2	6" PVC	25,839	L.F.	\$ 5.00	\$ 129,195.00
3	4" PVC	17,888	L.F.	\$ 3.75	\$ 67,080.00
4	3" PVC	34,102	L.F.	\$ 3.00	\$ 102,306.00
5	2" PVC	18,152	L.F.	\$ 2.60	\$ 47,195.20
6	8" Valve	3	EA	\$ 850.00	\$ 2,550.00
7	6" Valve	2	EA	\$ 750.00	\$ 1,500.00
8	4" Valve	4	EA	\$ 600.00	\$ 2,400.00
9	3" Valve	8	EA	\$ 450.00	\$ 3,600.00
10	2" Valve	8	EA	\$ 300.00	\$ 2,400.00
11	End of Line Cleanout	19	EA	\$ 700.00	\$ 13,300.00
12	Highway Crossing, 12" Encasement	3	EA	\$ 4,000.00	\$ 12,000.00
13	Highway Crossing, 8" Encasement	1	EA	\$ 3,500.00	\$ 3,500.00
14	Highway Crossing, 6" Encasement	5	EA	\$ 3,250.00	\$ 16,250.00
15	Highway Crossing, 4" Encasement	2	EA	\$ 3,000.00	\$ 6,000.00
16	Road Crossing, No Encasement	25	EA	\$ 1,200.00	\$ 30,000.00
17	Highway Service Crossing	13	EA	\$ 1,500.00	\$ 19,500.00
18	Manual Air Release	12	EA	\$ 700.00	\$ 8,400.00
19	Stream Crossing, 8"	1	EA	\$ 5,000.00	\$ 5,000.00
20	Stream Crossing, 6"	3	EA	\$ 4,000.00	\$ 12,000.00
21	Stream Crossing, 4"	2	EA	\$ 3,700.00	\$ 7,400.00
22	Stream Crossing, 3"	2	EA	\$ 3,500.00	\$ 7,000.00
23	Meter Settings, Residential	229	EA	\$ 900.00	\$ 206,100.00
24	Meter Settings, Bulk	1	EA	\$ 12,000.00	\$ 12,000.00
25	Service Line	22,900	LF	\$ 2.50	\$ 57,250.00
26	Booster Station w/ Generator	1	EA	\$ 150,000.00	\$ 150,000.00
27	Paved Driveway Crossing	20	EA	\$ 750.00	\$ 15,000.00
Subtotal Construction					\$ 1,216,924.20
Contingency (7.5%):					\$ 91,269.32
Land for Generator and Booster Station					\$ 5,000.00
Permits					\$ 8,000.00
Easement Recording					\$ 20,000.00
Legal (0.5%)					\$ 6,084.62
Engineering (15%)					\$ 182,538.63
Construction Interest (3%)					\$ 36,507.73
TOTAL ESTIMATED PROJECT COST					\$ 1,566,324.49

Country Estates Connection Fee

The connection fee for Country Estates Mobile Home Park is computed in a different manner than the connection fee for the rural residences. Country Estates will continue to utilize their existing distribution system and will be responsible for the operation and maintenance. One master meter will be set to serve the entire system.

The connection costs for Country Estates is their portion of the project costs based on their percentage of the flow for the individual items. The cost share items include the booster station and distribution system up to the master meter. The connection costs also

include a portion of the overhead project costs and the construction of the new master meter.

Based on the number of users provided, the design flow rate for Country Estates is 73 gpm. The total flow rate for the proposed system is 189 gpm. Therefore, Country Estates portion of the projects costs is computed as 38 percent.

The following is a breakdown of the Country Estates connection costs:

Master Meter		\$ 12,000.00
Booster Station	$\$150,000 \times 0.38 =$	57,000.00
Distribution Mains	$\$12,701.50 \times 0.38 =$	<u>4,826.57</u>
Subtotal Construction Costs:		\$ 73,826.57
Overhead	$\$73,826.57 \times 0.223 =$	<u>\$ 16,463.33</u>
Total Country Estates Connection Costs:		\$ 90,289.90

Water Purchase Costs

As stated previously, the recommended water source for the proposed rural system is the City of Blair. The following is the bulk meter rate as provided by the City:

First 112,200 gallons of monthly billing:	\$ 1.122/748 gallons
In excess of 112,200 gallons of monthly billing:	\$ 0.722/748 gallons

The following is the average monthly water costs:

112,200 gallons x \$ 1.22/748 gallons =	\$ 183.00
2,423,378 gallons x \$ 0.722/748 gallons =	<u>2,339.14</u>
Total Average Monthly Charge:	\$ 2,522.14
Total Annual Charge: $\$2,522.14 \times 12 =$	\$ 30,265.68

System Revenue

The Water Rate Schedule for this analysis is as follows:

Basic Monthly Charge:	\$ 14.75
First 10,000 Gallons	\$ 3.95/1,000 gallons
Next 10,000 Gallons	\$ 2.85/1,000 gallons
Next 30,000 Gallons	\$ 2.00/1,000 gallons
All Over 50,000 Gallons	\$ 1.55/1,000 gallons

Nebraska 5 ½% State sales tax is applied to the total bill.

With the average water usage of the existing system is 8,160 gallons/month, the average water bill per customer would be:

Basic Monthly Charge =	\$ 14.75
8,160 gallons x \$3.95/1,000 gallons =	<u>32.23</u>
Average Monthly Residential Bill:	\$ 46.98

The annual revenue for the rural system is based on the assumption that 36 of the connected lots will not be using water but will still be paying the Basic Monthly Charge. The following is a summary of the rural portion of the annual revenue:

193 Users x \$46.98 x 12 =	\$ 108,805.68
36 Users x \$14.75 x 12 =	<u>6,372.00</u>
Total Rural Revenue:	\$ 115,177.68

The average water usage for Country Estates Mobile Home Park is expected to be about 839,956 gallons per month. The average water bill for Country Estates would be:

Basic Monthly Charge =	\$ 14.75
10,000 gallons x \$3.95/1,000 gallons =	39.50
10,000 gallons x \$2.85/1,000 gallons =	28.50
30,000 gallons x \$2.00/1,000 gallons =	60.00
789,956 gallons x \$1.55/1,000 gallons =	<u>1,224.43</u>
Average Monthly Country Estates Bill:	\$ 1,367.18
Annual Country Estates Bill: \$1,367.18 x 12 =	\$ 16,406.16

Feasibility Analysis

The following is the feasibility analysis of the proposed system:

	229 Rural Users 36 Users at Minimum Charge
Estimated Project Costs:	\$ 1,566,324.49
Less Rural Residents Connection Fees:	576,800.00
Less Country Estates Connection Fee:	<u>90,289.90</u>
Total Amount Financed:	\$ 899,234.59

Annual Principal and Interest:	\$ 72,174.06
Annual Operation and Maintenance:	27,792.00
Annual Water Purchase:	<u>30,265.68</u>
 Total Annual Costs:	 \$ 130,212.26
 Annual Country Estates Revenue:	 \$ 16,406.16
Annual Rural Residents Revenue:	<u>115,177.68</u>
 Total Annual Revenue:	 \$ 131,583.84
 Net Annual Revenue:	 \$ 1,371.58

EXISTING SYSTEM OPTION

Consideration was given to the feasibility of extending the existing Washington County Rural Water System to serve a portion of the proposed Study area. The proposed extension would operate off the existing system pressure without an additional pump or modification to the existing pump station.

The existing system is pressurized by a pump station located on 60th Street, north of McKinley Street. A 12" ductile iron main extends from the pump station to Fort Calhoun, generally following County Road P43.

The design discharge pressure for the pump station is 116 psi, based on the original specifications for the system. The system is operating at slightly above the design discharge pressure to meet the pressure demand in the system. Our analysis is based on maintaining the current discharge pressure.

The connection point for serving the proposed study area is near the intersection of County Road P43 and County Road 38. The new main would proceed west along County Road 38, north along County Road 41, west along County Road P36 and north along County Road P39 to County Road P32 where it would connect to the main portion of the proposed distribution system. The water source route is shown on Exhibit C.

The District took a pressure reading on a hydrant at the proposed connection location on County Road P43. The system pressure at that point is 50 psi. The ground elevation at the connection is 1330 above mean sea level (MSL). The resulting water system pressure plane elevation is 1445 MSL.

The proposed distribution system was reanalyzed based on this connection point. Due to the pressure limitations, the system could only be extended to the center of Section 6 on County Road P32. This distribution system could serve the proposed Hidden Acres development but not the proposed Millstone Estate development, Cooper Woods development, or the Country Estates Mobile Home Park. See Exhibit C.

The proposed extension of the existing system will serve 155 users, 30 of which are undeveloped lots.

Preliminary Opinion of Costs

The preliminary opinion of costs for the proposed extension is shown below. The opinion of costs does include the capital facilities charge payable to the Metropolitan Utilities District (MUD). As discussed previously, the calculations are based on 50% being developed during the first year the system is in operation.

PRELIMINARY OPINION OF PROBABLE PROJECT COSTS

No.	Description	Quantity	Units	Price	Total
1	6" PVC	40,451	L.F.	\$ 5.00	\$ 202,255.00
2	4" PVC	19,326	L.F.	\$ 3.75	\$ 72,472.50
13	3" PVC	28,489	L.F.	\$ 3.00	\$ 85,467.00
4	2" PVC	17,489	L.F.	\$ 2.60	\$ 45,471.40
5	6" Valve	2	EA	\$ 750.00	\$ 1,500.00
6	4" Valve	4	EA	\$ 600.00	\$ 2,400.00
7	3" Valve	5	EA	\$ 450.00	\$ 2,250.00
8	2" Valve	7	EA	\$ 300.00	\$ 2,100.00
9	End of Line Cleanout	15	EA	\$ 700.00	\$ 10,500.00
10	Highway Crossing, 12" Encasement	2	EA	\$ 4,000.00	\$ 8,000.00
11	Highway Crossing, 10" Encasement	2	EA	\$ 3,750.00	\$ 7,500.00
12	Highway Crossing, 8" Encasement	1	EA	\$ 3,500.00	\$ 3,500.00
13	Highway Crossing, 6" Encasement	2	EA	\$ 3,250.00	\$ 6,500.00
14	Highway Crossing, 4" Encasement	2	EA	\$ 3,000.00	\$ 6,000.00
15	Road Crossing, No Encasement	19	EA	\$ 1,200.00	\$ 22,800.00
16	Highway Service Crossing	10	EA	\$ 1,500.00	\$ 15,000.00
17	Manual Air Release	8	EA	\$ 700.00	\$ 5,600.00
18	Stream Crossing, 6"	3	EA	\$ 4,000.00	\$ 12,000.00
19	Stream Crossing, 4"	2	EA	\$ 3,700.00	\$ 7,400.00
20	Stream Crossing, 3"	2	EA	\$ 3,500.00	\$ 7,000.00
21	Meter Settings, Residential	155	EA	\$ 900.00	\$ 139,500.00
22	Service Line	15,500	LF	\$ 2.50	\$ 38,750.00
23	Wet Tap	1	EA	\$ 10,000.00	\$ 10,000.00
24	Paved Driveway Crossing	20	EA	\$ 750.00	\$ 15,000.00
Subtotal Construction					\$ 728,965.90
Contingency (7.5%):					\$ 54,672.44
Capital Facilities Charges					\$ 131,595.00
Permits					\$ 8,000.00
Easement Recording					\$ 15,000.00
Legal (0.5%)					\$ 3,644.83
Engineering (15%)					\$ 109,344.89
Construction Interest (3%)					\$ 21,868.98
TOTAL ESTIMATED PROJECT COST					\$ 1,073,092.03

Water Usage

140 households x 8,160 gallons/month = 1,142,400 gallons

O&M Usage: 1,142,400 gallons x 0.05 = 57,120 gallons

Total Monthly Usage: 1,199,520 gallons

Water Purchase Cost**Demand Charge**

The demand charge is based on the peak hour or peak day flow. For purposes of this report, the peak day will be used and the peak day is equal to twice the average day.

First 10,000,000 gallons of monthly billing demand: \$0.2228/1,000 gal

In excess of 10,000,000 gallons of monthly billing demand: \$0.1918/1,000 gal

Commodity Charge

First 10,000,000 gallons per month: \$0.4177/1,000 gal

In excess of 10,000,000 gallons per month: \$0.3883/1,000 gal

Demand Charge: 2,399,040 gallons x 0.2228/1,000 = \$ 534.51

Commodity Charge: 1,199,520 gallons x 0.4177/1,000 = 501.04

Total Monthly Water Purchase Cost: \$ 1,035.55

Total Annual Costs: \$1,035.55 x 12 = \$12,426.60

System Revenue

140 residents x \$46.98/month = \$ 6,577.20

15 residents x \$14.75/month = 221.25

Total Monthly System Revenue: \$ 6,798.45

Total Annual System Revenue: \$6,798.45 x 12 = \$ 81,581.40

Feasibility Analysis

155 Rural Users
15 Users at Minimum Charge

Estimated Project Costs:	\$ 1,073,092.03
Less Connection Fees:	<u>387,500.00</u>
Total Amount Financed:	\$ 685,592.03
Annual Principal and Interest:	\$ 55,011.90
Annual Operation and Maintenance:	20,160.00
Annual Water Purchase:	<u>12,426.60</u>
Total Annual Costs:	\$ 87,598.50
Total Annual Revenue:	\$ 81,581.40
Net Annual Revenue:	(\$ 6,017.10)

Based on the above analysis, the extension of the existing rural water system to serve a portion of the Study area would not be financially viable.

RECOMMENDATIONS

The above analysis demonstrates a financially viable rural water system can be designed and constructed to serve a portion of the initial Study area based on the City of Blair as the water source.

We recommend the District proceed with the development of the proposed system based on water provided from the City of Blair. The viability of the system is marginal at this time based on the current number of applicants. However, approximately 105 unsigned users are located along the selected routes. Additional users will likely sign up during the final design and construction phase which will improve the proposed system viability.

We recommend the boundaries of the project area be reduced to the area served by the proposed project. Additional users within the project area may be added during the course of design and construction.

We recommend the following Water Rate Schedule be used for this new Service Area:

Basic Monthly Charge:	\$ 14.75
First 10,000 Gallons	\$ 3.95/1,000 gallons
Next 10,000 Gallons	\$ 2.85/1,000 gallons
Next 30,000 Gallons	\$ 2.00/1,000 gallons
All Over 50,000 Gallons	\$ 1.55/1,000 gallons

We recommend that the hookup fee deposits for the residents not located along the proposed service routes be refunded in full.

Rolling Acres Subdivision

The proposed layout and feasibility analysis does include the Rolling Acres Subdivision. The water main which serves this Subdivision crosses private property behind User No. 04-4. The District will need to acquire an easement from the landowner. If the District decides to proceed with the project, we recommend the District immediately determine the property ownership for this parcel and begin negotiations for the easement. If an easement cannot be acquired, serving this Subdivision becomes very costly and possibly not feasible.

Blair Connection

If the District proceeds with the development of the proposed rural water system, we recommend District representatives proceed immediately with negotiations with the City of Blair. The City of Blair is considering the construction of an elevated reservoir along Highway 133 south of Country Estates and a pump station to serve this reservoir. The capacity of the proposed reservoir could be increased and the water elevation set to serve the proposed rural water system off the new reservoir. This option would eliminate the need for the District to install a pump station. The proposed reservoir pump station would not need a backup power generator or VFD pump control which will substantially reduce the cost of the pump station. The District's share of the reservoir cost could be equal to the cost savings of the pump station.

Existing Systems

The owner of two of the existing systems has continued discussions with the District about the possibility of connecting to the proposed system, possibly with only an emergency connection. We recommend the District continue the negotiations with the existing system owner. The addition of the existing systems will improve the viability of the system.

Additional System Capacity

Consideration is being given to provide additional capacity in the proposed rural water system to provide for some future development. The boundary of the proposed rural water system falls within the area Washington County Planning Commission is considering zoning as rural residential. Development of this area has been limited due to the lack of quality and quantity water. The District will likely receive requests for additional connections once the system is in place.

The proposed system has been sized to serve only current signups. If funding is available for providing additional system capacity, we recommend the larger diameter mains be increased in size. The possible routes for increased main size are shown on Exhibit D.

The estimated additional project costs for the increase main sizes are as follows:

Segment A, Blair Connection to County Road 32, 8" to 12":	\$ 119,532.42
Segment A, Blair Connection to County Road 32, 8" to 10":	\$ 30,843.86
Segment B, County Road 32/P32 to County Road P39, 8/6" to 10":	\$ 61,173.59
Segment C, County Road P37/37, 4" to 8":	\$ 67,284.00
Segment D, County Road P39 South & P34, 3" to 4":	\$ 11,336.54
Segment E, County Road P39 North, 6" to 8" & North Ridge Road, 4" to 6":	\$ 40,349.61

RURAL WATER SERVICE APPLICATIONS RECEIVED

as of 8/19/03

<u>DATE</u>	<u>NAME</u>	<u>ADDRESS</u>	<u>NOTES</u>
CRP26			
6/26/2003	William Hine	7922 County Rd. P26, Ft. Calhoun, 68023	
8/14/2003	Michael Schnuelle	12790 County Rd. P26, Blair, 68008	
	Richard Burgess		
7/10/2003	Ronald Thiel	12842 County Rd. P26, Blair, 68008	
7/3/2004	Frank Konfrst	12922 County Rd. P26, Blair, 68008	
8/12/2003	Christine Foley	12862 County Rd. P26, Blair, 68008	
8/14/2003	Christopher Olson	1308 Grant St., Blair, 68008	Tx. Lt.56, 26-18-11
8/14/2003	Robert Olson	12896 County Rd. P26, Blair, 68008	
8/11/2003	Ruth Thompson	11864 County Rd. P26, Blair, 68008	
CRP28			
7/2/2003	Brian Jennings	9051 County Rd. P28, Ft. Calhoun, 68023	
6/18/2003	James Reinert	10374 County Rd. P28, Blair, 68008	
6/20/2003	Jerald Krebsbach	8926 Laurie Circle, Omaha, 68124	Tax Lot 65 Section 32-18-12
6/30/2003	Dale Christenson	11923 County Rd. P28, Blair, 68023	
8/18/2003	Jeff Hansen	4311 Chicago St., Omaha, 68131	Tx. Lt. 66, 32-18-12
CR 29			
6/27/2003	Jeffrey Pruess	2572 County Rd. 29, Kennard, 68034	
6/30/2003	Terry Gochanour	2575 County Rd. 29, Kennard, 68034	
CR30			
6/18/2003	Glen Andersen	12778 County Rd. 30, Blair, 68008	
CRP30			
7/10/2003	Daniel Lehan	11292 County Rd. P30, Blair, 68008	
6/20/2003	Brian Shald	11432 County Rd. P30, Blair, 68008	
6/26/2003	Keith Wiegert	11641 County Rd. P30, Blair, 68008	
6/27/2003	Travis Schuppan	12018 County Rd. P30, Blair, 68008	
7/2/2003	Michael Anderson	12122 County Rd. P30, Blair, 68008	
7/3/2003	David Mohr	14153 County Rd. P30, Kennard, 68034	
6/27/2003	Jason Berg	2330 E. Donna , Fremont, 68025	adjoining land to 6404 Berg Lane
CR31			
6/25/2003	Robert Frahm	P.O.Box 223, Bennington, 68007	2094 County Rd. 31
6/30/2003	Earl Larsen	3504 County Rd. 31, Blair, 68008	
7/30/2003	Michael Cornwell	7835 Howard St., Omaha, 68114	tx. Lt. 6, 10-17-11
CR32			
5/13/2003	Edward Schroeder	10052 County Rd. 32, Blair, 68008	
8/15/2003	Dan Gaskill	10766 County Rd. 32, Blair, 68008	
7/1/2003	Jack Holthaus	10970 County Rd. 32, Blair, 68008	
6/18/2003	Michael Tomcak	12118 County Rd. 32, Blair, 68008	
7/1/2003	Jack Holthaus	10970 County Rd. 32, Blair, 68008	7 lots, Section 1&6, T17NR12
7/21/2003	McGowan Prop. Inc.	P.O. Box 521, Ft. Calhoun, 68023	22 lots, Millstone Est.
CRP32			
6/26/2003	Robert Joki	P.O. Box L34, Ft. Calhoun, 68023	6815 County Rd. P32

8/15/2003	Thomas Butcher	7320 County Rd. P32, Ft. Calhoun, 68023	
6/10/2003	Gerald Pokorski	7618 County Rd. P32, Ft. Calhoun, 68023	
5/13/2003	Robert Gloden	8623 County Rd. P32, Ft. Calhoun, 68023	
6/20/2003	Myron Carlson	601 Sunset Dr., Ft. Calhoun, 68023	Tx. Lt. 111, Section 10-17-12
6/20/2003	Louis Burgher	8622 County Rd. P32, Ft. Calhoun, 68023	
7/2/2003	Wayne Talbert	8735 County Rd. P32, Ft. Calhoun, 68023	
6/4/2003	Jon Kirk	8771 County Rd. P32, Ft. Calhoun, 68023	
6/26/2003	V. Gary Olsen	8859 County Rd. P32, Ft. Calhoun, 68023	
6/18/2003	Clifford Withers	9115 County Rd. P32, Ft. Calhoun, 68023	
8/7/2003	Marylynn Plevniack	9226 County Rd. P32, Ft. Calhoun, 68023	
7/10/2003	Bill Barger	9572 County Road P32, Blair, 68008	
8/14/2003	Michael Smith	9821 County Rd. P32, Blair, 68008	
6/30/2003	Phillip Lorenzen	P.O. Box 265, Blair, 68008	7 tax Lots

CR33

8/14/2003	James Norton	3678 County Rd. 33, Blair, 68008	
7/10/2003	Steve Schumacher	4578 County Rd. 33, Blair, 68008	
6/30/2003	Glenn Hazard	5064 County Rd. 33, Blair, 68008	
6/27/2003	Scott Garder	6690 County Rd. 33, Blair, 68008	
6/30/2003	Troy Wakefield	6693 County Rd. 33, Blair, 68008	
7/14/2003	Tim Mortenson	6994 County Rd. 33, Blair, 68008	
8/15/2003	Wayne Taylor	6999 County Rd. 33, Blair, 68008	
7/9/2003	Gerald Kobs	8176 County Rd. 33, Blair, 68008	7424 County Rd. 33
6/30/2003	Tony Damme	7522 County Rd. 33, Blair, 68008	
6/30/2003	Steve Kobs	7822 County Rd. 33, Blair, 68008	
7/9/2003	Gerald Kobs	8176 County Rd. 33, Blair, 68008	
6/20/2003	James Waugh	8451 County Rd. 33, Blair, 68008	

CRP33

6/26/2003	Lenora Miller	8502 County Rd. P33, Blair, 68008
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CR34

3/27/2003	Alexander Daemon	6928 County Rd. 34, Ft. Calhoun, 68023	
3/25/2003	Edward Baker	6949 County Rd. 34, Ft. Calhoun, 68023	
3/18/2003	John Dawson	7055 County Rd. 34, Ft. Calhoun, 68023	
3/25/2003	Jennifer Yanta	7096 County Rd. 34, Ft. Calhoun, 68023	
3/24/2003	Gary Dabbs	P.O. Box 401, Ft. Calhoun, 68023	7278 County Rd. 34
3/26/2003	Jack Frary	7333 County Rd. 34, Ft. Calhoun, 68023	
3/23/2003	Dan McCoy	7502 County Rd. 34, Ft. Calhoun, 68023	
3/18/2003	William Boyd	7589 County Rd. 34, Ft. Calhoun, 68023	
5/22/2003	Sid Sidner	7794 County Rd. 34, ft. Calhoun, 68023	
3/25/2003	William Frary	7530 Dutch Hall Rd., Omaha, 68122	Tx. Lt. 59, Section 15-17-12
3/30/2003	John Kuti	7795 County Rd. 34, Ft. Calhoun, 68023	
3/18/2003	Richard Potter	7822 County Rd. 34, Ft. Calhoun, 68023	
3/26/2003	Laurie Mays	7841 County Rd. 34, Ft. Calhoun, 68023	
3/15/2003	Elizabeth Connors	7932 County Rd. 34, Ft. Calhoun, 68023	
7/2/2003	Agnes Smith	Box 284, Ft. Calhoun, 68023	SW1/4, Section 11-17-12
7/8/2003	Lisa Erickson	802 N. 49th Ave., Omaha, 68132	Tx.Lt. 62, Section 15-17-12

CRP34

1/28/2003	William Berndt	8017 County Rd. P34, Ft. Calhoun, 68023
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CR35

3/24/2003	Boyd Ward JR.	1171 County Rd. 35, Omaha, 68142
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P35

3/18/2003	Pierre Lerouge	6280 County Rd. P35, Blair, 68008	
3/26/2003	James Becic	5011 Parker St., Omaha, 68104	Tx. Lt. 58, 31-18-12
3/18/2003	Frank Neuvirth	7386 County Rd. P35, Blair, 68008	

4/23/2003	Peggy Hiykel	8232 County Rd. P35, Blair, 68008	
6/23/2003	Marty Harter	13551 Ames Ave., Omaha, 68164	Lot 6 of Gottsch Sub./ 36-17-11

CR36

6/23/2003	Michelle Schenck	11644 County Rd. 36, Blair, 68008
6/24/2003	Charles Klaumann	11859 County Rd. 36, Blair, 68008

CR37

6/24/2003	Marvin Rohwer	3304 County Rd. 37, Ft. Calhoun, 68023	plus 3 extra lts./ 20-17-12
7/30/2003	Allen Cemetery Assoc	4472 County Road 37, Blair, 68008	
6/27/2003	Dr. Roger Cowan	4808 County Rd. 37, Blair, 68008	
7/2/2003	Hidden Ac./ Curt Hofe	2332 Bob Boozer Dr., Omaha, 68130	30 lots, Section 18-19 T17N, R12E

CRP37

6/27/2003	Walter Clifton	4826 County Rd. P37, Blair, 68008
7/2/2003	Michael Wilcox	4887 County Rd. P37, Blair, 68008
7/2/2003	Thomas Ellenberger	4917 County Rd. P37, Blair, 68008

CR39

6/30/2003	John Murphy	3478 County Rd. 39, Ft. Calhoun, 68023	
7/3/2003	Donella Kopaska	4507 County Rd. 39, Ft. Calhoun, 68023	
7/3/2003	Wes Petznick	4838 County Rd. 39, Ft. Calhoun, 68023	2 hookups
8/6/2003	George Krauss	1214 Howard, #202, Omaha, 68102	t.l.49, 17-17-12 / 1in. Meter

CRP39

6/25/2003	Robert Frahm	P.O. Box 223, Bennington, 68007	4503 County Rd. P39
5/13/2003	James Dunn	4608 County Rd. P39, Ft. Calhoun, 68023	
6/30/2003	Ruth Boham	4659 County Rd. P39, Ft. Calhoun, 68023	
6/24/2003	Raymond McTee	4746 County Rd. P39, Ft. Calhoun, 68023	
6/18/2003	Vilas Petznick	5147 County Rd. P39, Ft. Calhoun, 68023	
4/30/2003	Cliff Keiderling	5170 County Rd. P39, Ft. Calhoun, 68023	
7/1/2003	Tim Haney	5471 County Rd. P39, Ft. Calhoun, 68023	
7/3/2003	Jay Seefus	5488 County Rd. P39, Ft. Calhoun, 68023	
6/20/2003	Roger Adams	5798 County Rd. P39, Ft. Calhoun, 68023	
6/30/2003	Roger Tederman	5850 County Rd. P39, Ft. Calhoun, 68023	
6/27/2003	Wesley Stamp	6091 County Rd. P39, Ft. Calhoun, 68023	Requests 1" meter
6/24/2003	Lisa Van Stratten	6214 County Rd. P39, Ft. Calhoun, 68023	
8/15/2003	Dennis Lane	6219 County Rd. P39, Ft. Calhoun, 68023	
7/30/2003	Mark Rome	6332 County Rd. P39, Ft. Calhoun, 68023	
8/6/2003	Burke Petersen	6357 County Rd. P39, Ft. Calhoun, 68023	

CR40

6/27/2003	Warren Pletan	P.O. Box 122, Bennington, 68007	12256 County Rd. 40
6/27/2003	Timothy Melia	12817 County Rd. 40, Bennington, 68007	
6/24/2003	James Stratman	12988 County Rd. 40, Bennington, 68007	
6/30/2003	John Hunt	13228 County Rd. 40, Bennington, 68007	

CR41

6/27/2003	Brian Tietgen	1503 County Rd. 41, Omaha, 68122	
4/17/2003	Louis Sully	7550 County Rd. 41, Ft. Calhoun, 68023	
6/30/2003	Richard Kruse	8153 County Rd. 41, Ft. Calhoun, 68023	
6/26/2003	Douglas Johannes	8437 County Rd. 41, Ft. Calhoun, 68023	
4/30/2003	Clark Fensterman	8611 County Rd. 41, Ft. Calhoun, 68023	
6/20/2003	Clifton Johnson	P.O. Box 108, Blair, 68008	8699 County Rd. 41
7/2/2003	Susan Barker	8804 County Rd. 41, Ft. Calhoun, 68023	
6/18/2003	Donna Pechnik	8950 County Rd. 41, Blair, 68008	

Hwy. 75

6/30/2003 William Kalin 8381 Hwy. 75, Ft. Calhoun, 68023

HWY. 133

6/20/2003	David Melotz	1157 State Hwy. 133, Omaha, 68142	
5/29/2003	John Hammon	1691 State Hwy. 133, Omaha, 68142	
6/25/2003	Lyle Kahnk	3508 S. 57th Plaza, Omaha, 68106	1794 State Hwy. 133
5/8/2003	Jared Blum	3164 State Hwy. 133, Blair, 68008	
6/20/2003	David Melotz	4122 State Hwy. 133, Blair, 68008	
6/19/2003	Peter Burke	4134 State Hwy. 133, Blair, 68008	
6/9/2003	Eugene Vantluka	5264 State Hwy. 133, Blair, 68008	
7/7/2003	Phyllis Suverkrubbe	5919 State Hwy. 133, Blair, 68008	
8/12/2003	Ed Schwartz	6154 State Hwy. 133, Blair, 68008	
6/30/2003	Vicki Newstrom	6188 State Hwy. 133, Blair, 68008	
8/12/2003	Robert Sweeney	6782 State Hwy. 133, Blair, 68008	
6/30/2003	Charles Sesemann	7495 State Hwy. 133, Blair, 68008	
7/2/2003	Luke Wiese	7995 State Hwy. 133, Blair, 68008	
8/15/2003	Jana Simmons	2105 S. 91st St., Omaha, 68124	4 tx. Lts. Adj. Hwy. 133

Berg Lane

6/26/2003 Sherman Berg 6404 Berg Lane, Blair, 68008

Bittersweet Lane

6/30/2003 Marcia McGill 5290 Bittersweet Lane, Ft. Calhoun, 68023
6/30/2003 James Zavadi 5293 Bittersweet Lane, Ft. Calhoun, 68023

Buck Lane

6/25/2003 Edward Arlauskas 10420 Buck Lane, Blair, 68008

Cooper Woods

6/30/2003	Harold Cooperman	1867 N. 81 St., Omaha, 68114	12 Lots, Cooper Woods
6/30/2003	Darold French	6424 Kevin Dr., Blair, 68008	Lot #1, Cooper Woods
7/1/2003	Tonya Hipnar	947 N. 26th Avenue, Blair, 68008	Lot #9, Cooper Woods
6/30/2003	Cynthia Perchal	12333 Kimara Circle, Blair, 68008	Lot #17, Cooper Woods
7/1/2003	Frank Schumacher	2702 Woodlawn Circle, Bellevue, 68005	Lot #19, Cooper Woods
8/15/2003	Kenneth Peck	12452 Merriam Dr., Blair, 68008	Lot #11, Cooper Woods

Cydney Lane

6/24/2003 Russell Huber 12016 Cydney Lane, Blair, 68008

Dutch Hall Rd.

6/23/2003 Hilda Meeves 16220 Dutch Hall Rd., Bennington, 68007
7/2/2003 Victoria Japp 15808 Dutch hall Rd., Bennington, 68007

Farmers Lane (Rolling Acres)

5/18/2003 Donald Casey 6986 Farmers lane, Ft. Calhoun, 68023

Foleshill Lane

5/20/2003 Andrew Rasmussen 2238 Foleshill Lane, Omaha, 68122

Hidden Valley Lane

6/27/2003	Sam Hoer	6033 Hidden Valley Lane, Blair, 68008
7/7/2003	Timothy Kastrup	6170 Hidden Valley Lane, Blair, 68008
6/25/2003	Hubert Shields	6190 Hidden Valley Lane, Blair, 68008

Japp Lane

6/27/2003	Lyle Christensen	13906 Japp Lane, Kennard, 68034
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John Dein Lane

6/10/2003	Kenneth Koop	7650 John Dein Lane, Ft. Calhoun, 68023
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S. John Dein Lane

7/2/2003	Jeff Genoways	7062 S. John Dein Lane, Ft. Calhoun, 68023
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Lariat Lane

5/27/2003	Bryan Lagasse	10977 Lariat Lane, Blair, 68008
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Loess Lane (Rolling Acres)

6/6/2003	Jana Siemonsma	7751 Loess Lane, Ft. Calhoun, 68023
6/26/2003	Reginald Boyer	7765 Loess Lane, Ft. Calhoun, 68023
7/30/2003	Kevin Schwedhelm	7780 Loess Lane, Ft. Calhoun, 68023

Moriah Lane

6/2/2003	Brian Lukasiewicz	5005 Moriah Lane, Ft. Calhoun, 68023	
7/10/2003	Alexander Daemon	6928 County Rd. 34, Ft. Calhoun, 68023	5078 Moriah Lane
7/10/2003	Mike Ruma	5132 Moriah Lane, Ft. Calhoun, 68023	
8/12/2003	James Hall	5325 Moriah Lane, Ft. Calhoun, 68023	
6/25/2003	Lawrence Poell	5397 Moriah Lane, Ft. Calhoun, 68023	
7/2/2003	Linda Sinkevich	5398 Moriah Lane, Ft. Calhoun, 68023	

Northridge Rd. (Rolling Acres)

7/3/2003	Dale Smith	6137 Northridge Rd., Ft. Calhoun, 68023	
7/9/2003	Audrey Bayer	6156 Northridge Rd., Ft. Calhoun, 68023	
6/30/2003	Larry Kusek	6279 Northridge Rd., Ft. Calhoun, 68023	
6/30/2003	Steven Bryan	6258 Northridge Rd., Ft. Calhoun, 68023	
6/27/2003	Leonard Karstens	6530 Northridge Rd., Ft. Calhoun, 68023	
6/24/2003	Michael Turco	6575 Northridge Rd., Ft. Calhoun, 68023	
6/30/2003	Mary Paulson	6580 Northridge Rd., Ft. Calhoun, 68023	
6/30/2003	Jeff Dross	6583 Northridge Rd., Ft. Calhoun, 68023	
7/7/2003	James Hubschman	6688 Northridge Rd., Ft. Calhoun, 68023	
6/27/2003	Roger Pauba	6693 Northridge Rd., Ft. Calhoun, 68023	
7/14/2003	Lynne Arcuri	6694 Northridge Rd., Ft. Calhoun, 68023	
6/30/2003	James Grove	6769 Northridge Rd., Ft. Calhoun, 68023	
6/18/2003	Jamie Leavitt	P.O. Box 473, Ft. Calhoun, 68023	6844 Northridge Rd.
6/24/2003	Jacqueline Bonam	6736 Northridge Rd., Ft. Calhoun, 68023	
6/27/2003	Jerry Mink	6819 Northridge Rd., Ft. Calhoun, 68023	
7/9/2003	Dan Sauer	6873 Northridge Rd., Ft. Calhoun, 68023	
7/9/2003	Milena Hoffman	6903 Northridge Rd., Ft. Calhoun, 68023	
6/18/2003	Richard Henderson	6946 Northridge Rd., Ft. Calhoun, 68023	
6/20/2003	Dave Davis	P.O. Box 16, Ft. Calhoun, 68023	Lot 13, Block 1, Rolling Acres
4/28/2003	Jan Eric Pusch	P.O. Box 540432, Omaha, 68154	Lot 20, Blk. 2, Rolling Acres

Old Oak Lane

7/7/2003	Jeffrey Harrison	9813 Hartman Ave., Omaha, 68134	Tract#4, Old Oak Lane, 7-17-12
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Paradise Hills Lane

7/2/2003	David Owen	8086 Paradise Hills Lane, Ft. Calhoun, 68023
7/2/2003	Richard Buckingham	8147 Paradise Hills Lane, Ft. Calhoun, 68023

Peppermint Lane

6/27/2003	Gil Gienger	8610 Peppermint Lane, Ft. Calhoun, 68023
7/28/2003	Kori Grosse-Rhode	8625 Peppermint Lane, Ft. Calhoun, 68023
6/26/2003	Carroll E. Latch	8629 Peppermint Lane, Ft. Calhoun, 68023

Pioneer Road

6/2/2003	Janet Pol	14520 Burdette St., Omaha, 68116	Lot 7, Longview Est.
6/20/2003	Anton Novotny	1021 Platteview Dr., PO Box 252, Cedar Creek, 68016	Lot 2, Longview Estates

Ridgetop Lane(Rolling Acres)

6/23/2003	Glen Skelton	6605 Ridgetop Lane, Ft. Calhoun, 68023
6/27/2003	Michael Buker	6671 Ridgetop Lane, Ft. Calhoun, 68023

Rocky Lane

7/7/2003	Rosalie Schumacher	P.O. Box 353, Ft. Calhoun, 68023	5836 Rocky Lane
6/2/2003	John Stone	5849 Rocky Lane, Ft. Calhoun, 68023	
6/24/2003	Lawrence Jensen	P.O. Box 526, Ft. Calhoun, 68023	5915 Rocky Lane

Samuel Colt Lane

7/2/2003	Paul Drews	5437 Samuel Colt Lane, Ft. Calhoun, 68023
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Sumac Lane

7/2/2003	Dr. John Wazenreid	12182 Sumac Lane, Blair, 68008
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Tea Party Lane (Looking Glass)

7/2/2003	Gerald Gross	2530 Tea Party Lane, Omaha, 68142
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Timber Creek Rd. (Rolling Acres)

6/10/2003	Vincent Wondrasek	7265 Timber Creek Rd., Ft. Calhoun, 68023
6/30/2003	Scott Warthen	7278 Timber Creek Rd., Ft. Calhoun, 68023
5/1/2003	James Morley	7289 Timber Creek Rd., Ft. Calhoun, 68023
6/18/2003	James Bruno	7386 Timber Creek Rd., Ft. Calhoun, 68023

Tranquility Loop

7/7/2003	Roger Woltkamp	8425 Tranquility Loop, Ft. Calhoun, 68023	
7/2/2003	Charles Barr	P.O. Box 517, Ft. Calhoun, 68023	8593 Tranquility Loop

Victory Lane

3/26/2003	Philip Ferrone	8661 Victory Lane, Blair, 68008
3/15/2003	Joe Stewart	8697 Victory Lane, Blair, 68008

Whitetail Lane

3/25/2003	Brian Richards	8941 Whitetail Lane, Ft. Calhoun, 68023
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Windhill Lane

7/2/2003	Kenneth Holstein	7456 Windhill Lane, Blair, 68008
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Wildflower Lane (Rolling Acres)

6/30/2003

Erhard Havranek Jr. 6235 Wildflower Lane, Ft. Calhoun, 68023

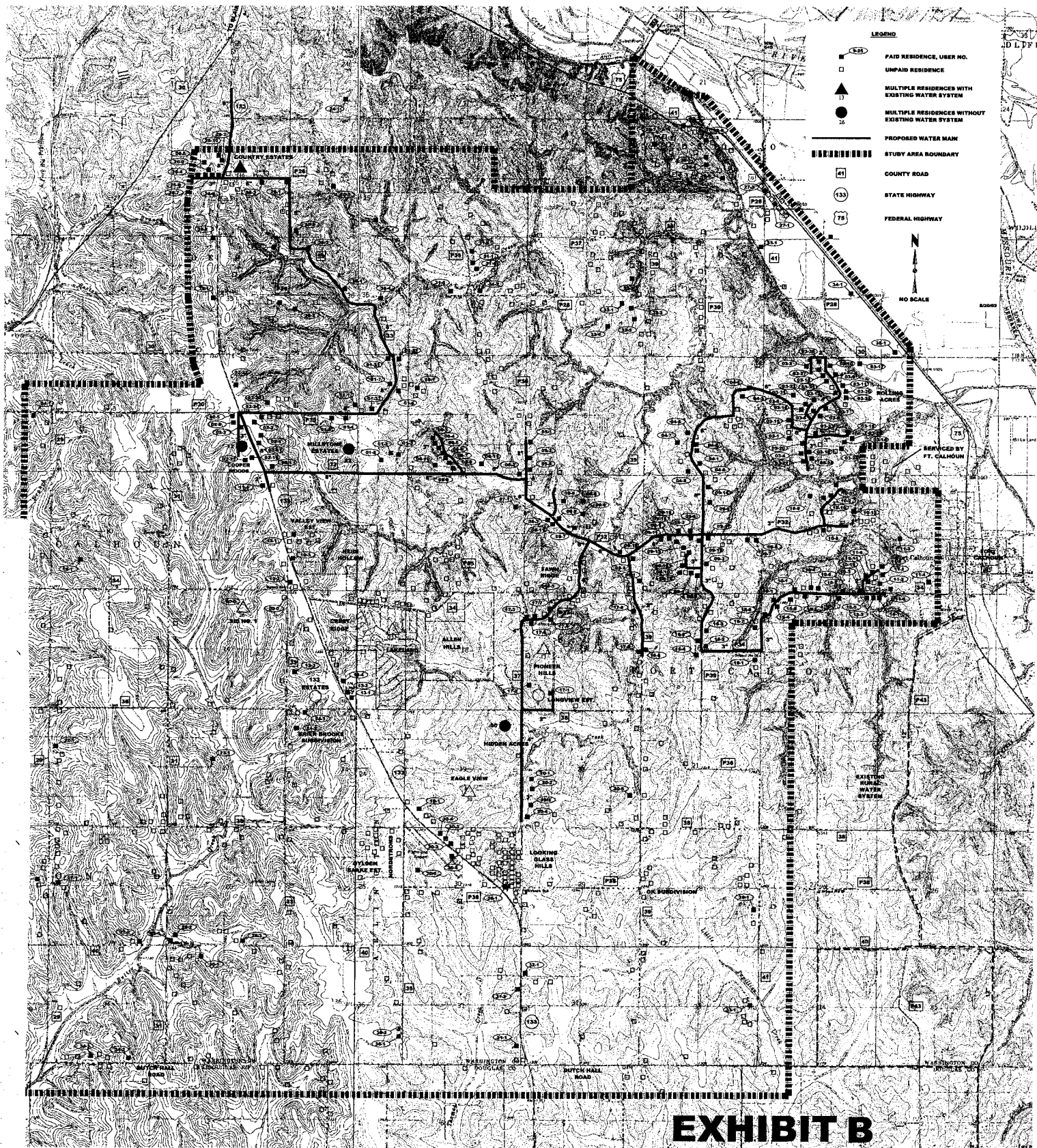
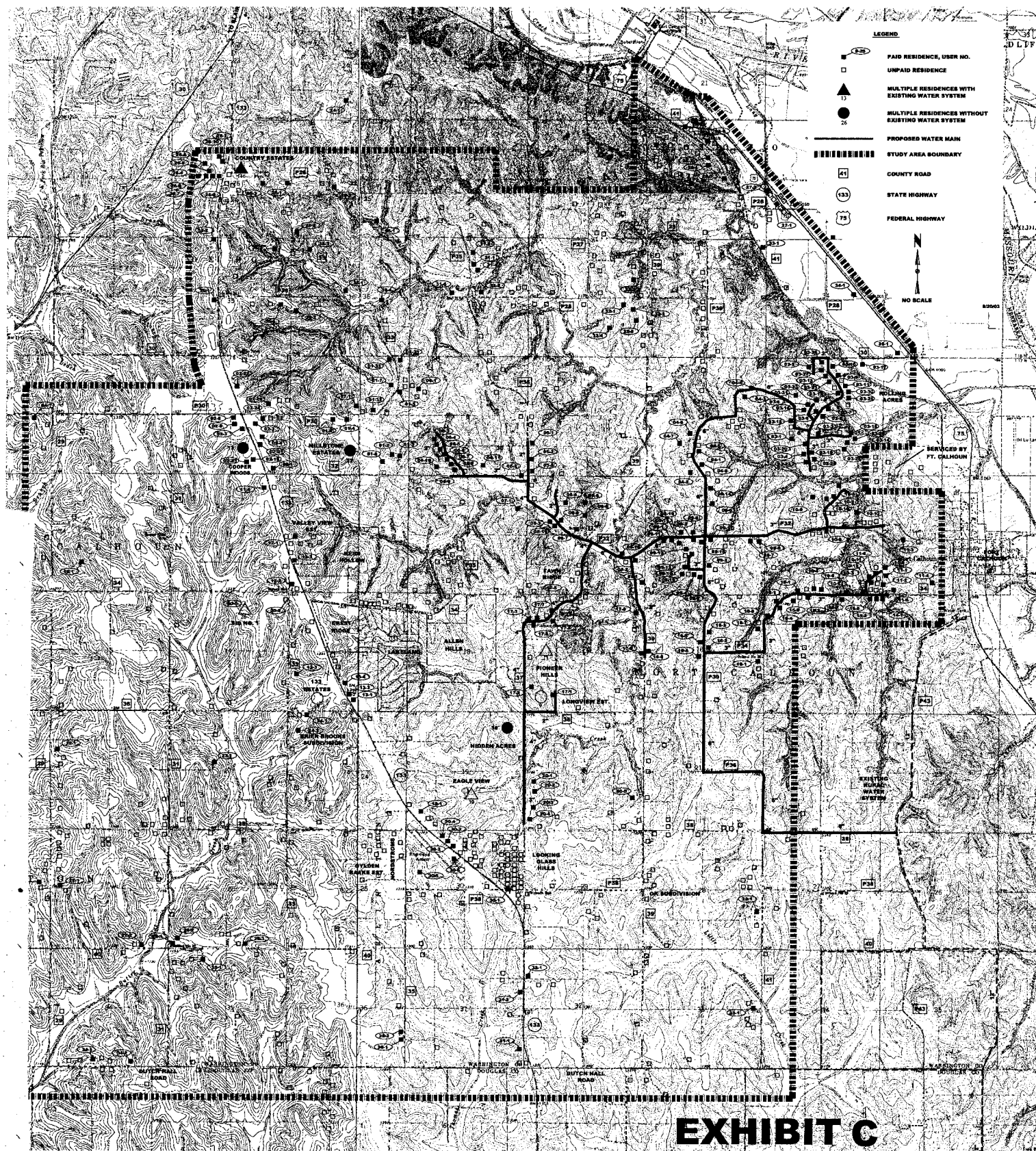
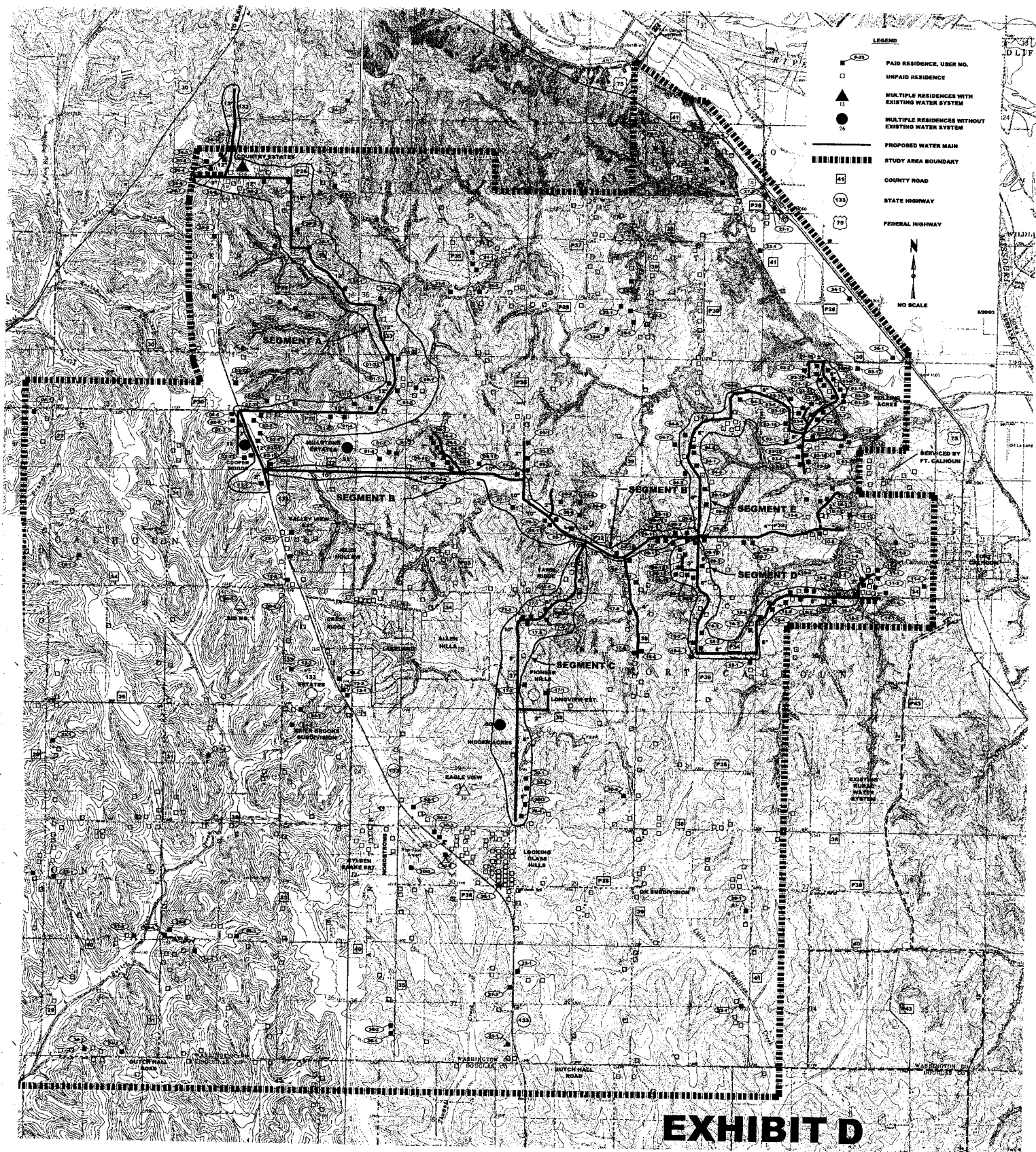


EXHIBIT B





Memorandum

To: Programs, Projects, and Operations Subcommittee
From: Paul Woodward, Water Resources Engineer
Date: September 29, 2003
Re: Expansion of Profession Services Contract with HDR Engineering, Inc. to Develop a Stormwater Needs Assessment

The Papillion Creek Watershed Partnership (Partnership) proposed to expand the professional services contract with HDR Engineering, Inc. at its meeting held on September 18, 2003 in order to develop a Stormwater Needs Assessment for areas in the Papillion Creek Watershed. The minutes for this meeting are attached.

HDR Engineering is currently under contract to develop a schedule and estimate the cost of compliance with pending NPDES Phase II permits. However, in order to determine and budget funding needs for the Partnership's next Inter-Local Agreement, additional costs covering future planning and implementation during the next five years also need to be estimated. In addition, the anticipated cost for many other stormwater management programs and capital improvement projects needs to be assessed for long-term implementation planning. The enclosed Amendment No. 1 details the scope of services proposed and the additional financial requirement from the Partnership of \$35,000. This scope essentially encompasses the needs assessment portion of the previously proposed Stormwater Fee System study. According to the revised schedule for the project (Attachment "B"), these services will be completed by December 15, 2003.

In summary, the proposed study would expand HDR's current services to develop costs for projects anticipated within the next five years as well as a preliminary investigation of possible long-term stormwater program and project needs and costs throughout the Papillion Creek Watershed. The expense for these services of \$35,000 would expand HDR's current contract with the District from \$335,000 to \$370,000.

Management recommends that the subcommittee recommend to the Board that the General Manager, on behalf of the Papillion Creek Watershed Partnership, be authorized to execute Amendment No. 1 to the Papillion Creek Watershed Study-Stage II Contract with HDR Engineering, Inc. and increase the maximum fee from \$335,000 to \$370,000.

PAPILLION CREEK WATERSHED PARTNERSHIP



Meeting on Comprehensive Stormwater Management
September 18, 2003 – 10 A.M. to Noon
Natural Resources Center, 8901 S. 154th Street, Omaha, NE
Lower Level Conference Room

MEETING MINUTES

Attendants

The following were in attendance: Kent Holm (Douglas Co.), Robert Hayes (Boys Town), Denny Hilfiker (Bellevue), Joe Soucie (La Vista), Mike Kemp (Offutt AFB), Stan Smith (Offutt AFB), Nina Cudahy (Omaha), Karen Klein (Omaha), Marty Grate (Omaha), Bob Sink (Omaha), Don Doty (NRCS), Donna Luckner (NDEQ), Michael Crisco (NDEQ), Ron Asch (NDEQ), Mike Mallory (NDEQ), Steve Tonn (Douglas\Sarpy County Extension), Lyle Christensen (HDR), Marlin Petermann (P-MRNRD), and Paul Woodward (P-MRNRD).

Purpose

A Partnership meeting was held on the above date in order to discuss topics stated in the attached agenda. The meeting began at approximately 10:05 AM.

1. Introductions

- Paul Woodward (P-MRNRD) opened the meeting and everyone introduced himself or herself. An agenda and sign-up sheet were distributed.

2. Watershed Study Action Items

- Lyle Christensen (HDR) informed the group that recent field reconnaissance of the proposed dam sites in the basin had been conducted with staff from HDR and the NRD. He noted that the feasibility of a majority of the proposed sites investigated is better than previously anticipated. The upcoming effort concerning the production of a schedule and costs for Phase II Partnership activities was also discussed.
- Paul Woodward (P-MNRD) explained that the Inter-Local Agreement Subcommittee at its meeting on August 28, 2003 considered the idea of performing a needs assessment which was the first component of a complete stormwater fee system study that had been proposed and was rejected by the NRD Board of Directors. The subcommittee believed that this information would be valuable to communities in establishing their stormwater budgets and to the Partnership for determining entity contributions estimates for the new Inter-Local Agreement that is being prepared. It was decided at that meeting to pursue scoping services

PARTNERS:

Cities of Bellevue, Bennington, Elkhorn, Girls and Boys Town, Gretna, LaVista, Omaha, Papillion, Ralston
Douglas and Sarpy Counties, Papio-Missouri River Natural Resources District

for a needs assessment in addition to HDR's current Stage II Contract. A draft of the proposed Amendment No. 1 was handed out and Lyle Christensen (HDR) described its development and contents. A worksheet was also handed out for assessing entity budgets concerning stormwater. Discussions concerning the need for interviews and the detail of the study followed. It was decided that the scope should be reduced to focus on preparing cost estimates for structural BMPs recommended by HDR, future Watershed Master Planning, and any additional anticipated regulatory compliance such as TMDLs. Lyle Christensen (HDR) agreed to redraft the scope and cost estimate which will then be considered by the NRD Board for approval. Marlin Petermann (P-MRNRD) suggested that members of the Partnership provide support for the study at the November 7, 2003 P-MRNRD Subcommittee Meeting.

- Paul Woodward (P-MRNRD) informed the group that Horizons, Inc. out of Rapids City, South Dakota had been retained by the four county GIS Consortium to produce high-resolution aerial photography and 2 foot contours within the Papillion Creek Watershed in Douglas and Sarpy County. This data will be used in the floodplain mapping effort along the West Papillion Creek and its tributaries. He also noted that an anticipated \$350,000 grant from FEMA will soon be available to fund the flood mapping project.

3. Preparation for NPDES Phase II Permits

- Paul Woodward (P-MRNRD) distributed the proposed Inter-Local Agreement with revisions from the latest subcommittee meeting. It was noted that expenses for the Partnership would be added after results were available from HDR's study. However, it was suggested that others including legal counsels for each entity take this time to review the proposed language of the agreement by the next Partnership meeting.
- Those in attendance discussed the proposed draft General NPDES Phase II permit recently forwarded via email by NDEQ. Responses to questions raised concerning the draft permit included that semi-annual and annual reports will be required, semi-annual reports will most likely be a simple letter explaining if each entity is on target to meet the conditions of the permit, and that future urban areas in Douglas, Sarpy, or Washington County would be covered under this permit. NDEQ suggested that comments concerning the draft permit from the Partnership be prepared by the next meeting. It was decided that original NPDES Phase II Permit Subcommittee consisting of Kent Holm (Douglas Co), Robert Hayes (Boys Town), Denny Hilfiker (Bellevue), Joe Soucie (La Vista), Mark Wayne (Sarpy Co.), Nina Cudahy (Omaha), and Paul Woodward (P-MRNRD) would meet on October 2, 2003 at 10 AM at this location to discuss responses to the draft permit.

4. Stormwater Utility Legislation (P-MRNRD)

- Copies of a contract between the URS Corporation and the City of Omaha to perform a Stormwater Fee Rationale Study were distributed. Bob Sink (Omaha) explained that the purpose of the study was to create public awareness for stormwater needs and involving focus groups to identify different funding options. Two educational public meeting are planned, but not scheduled at this time, with one in Douglas County and one in Sarpy

County. Sink asked Partnership members to help identify local leaders and stakeholders to invite to the meetings as soon as possible.

- Marlin Petermann (P-MRNRD) handed out information from the Inner-city Coalition (ICE) for the Environment September newsletter concerning a dinner and speakers on the topic of LB 32 to be held on Thursday, October 16, 2003 at Caniglia's Venice Inn at 6:00 PM.

5. Funding

- A letter from NDEQ was handed out explaining that the Partnership's recent project proposal for Section 604(b) pass-through funding had been rejected because it did not lead to development of Water Quality Standards or implementation and refinement of the State's continuous Planning Process. There was no discussion.
- An article from the front page of the Omaha World Herald was handed out concerning the impact of stormwater runoff on area and state lakes. Steve Tonn (Douglas/Sarpy County Extension) updated the group on his efforts to educate the public on the benefits of watershed management to our lakes and quality of life. He informed the group of future workshops planned on erosion control. Paul Woodward (P-MRNRD) will provide information on a workshop planned by the City of Omaha on November 7, 2003.

6. Other Items of Interest.

- Karen Klein (Omaha) reported that a draft study on the Land Use in the Cunningham Lake Watershed was available for review. Comments should be provided to Pat Slaven with Omaha Parks. She noted that future public meeting were being planned to begin the community-based watershed management planning. She also explained that work was being done to with Washington County to assess their future land use in the watershed. Don Doty (NRCS) added that they were using multiple programs to help reduce erosion from lands in the watershed including streambank erosion which may be playing a big role in the sedimentation problems of Cunningham Lake. Doty also informed the group on numerous other NRCS activities throughout the P-MRNRD.

7. Next Meeting

- The next meeting will be held on Thursday, October 30, 2003 at 10 AM in the Lower Level Conference Room of the Natural Resources Center. Major agenda items will include the status of Stage II Watershed Study activities, reviews of the draft NPDES Phase II General Permit and Inter-Local Agreement, the Stormwater Utility Fee, and funding. The meeting of the General Permit Subcommittee will be held on Thursday, October 2, 2003 at 10 AM in the Lower Level Conference Room of the Natural Resources Center.

The meeting adjourned at approximately 11:50 AM.

Attachments

Agenda, attendance list, and the handouts passed out at the meeting are sent to those members via mail or e-mail who were not present at the meeting.

Please contact Paul Woodward at 444-6222 regarding any questions or comments concerning these meeting minutes.

\\535\PCWP\meetings\030918-PCWP meeting minutes.doc

File: 535 "PCWP"

**STANDARD FORM OF AGREEMENT
BETWEEN
OWNER AND ENGINEER
FOR
STUDY AND REPORT PHASE
PROFESSIONAL SERVICES**

Prepared by

ENGINEERS JOINT CONTRACT DOCUMENTS COMMITTEE

and

Issued and Published Jointly By

[LOGOS]

PROFESSIONAL ENGINEERS IN PRIVATE PRACTICE
A Practice Division of the
NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS

AMERICAN CONSULTING ENGINEERS COUNCIL

AMERICAN SOCIETY OF CIVIL ENGINEERS

And

As Modified by the Parties Hereto (all changes shown in red-line/strike-out format)

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1420 King Street, Alexandria, VA 22314

American Consulting Engineers Council
1015 15th Street, N.W., Washington, DC 20005

American Society of Civil Engineers
1801 Alexander Bell Drive, Reston, VA 20191-4344

**STANDARD FORM OF AGREEMENT
BETWEEN
OWNER AND ENGINEER
FOR
STUDY AND REPORT PHASE
PROFESSIONAL SERVICES**

AMENDMENT NO. 1

This is Amendment No.1 to the original Agreement dated July 7, 2003. This Amendment No. 1 shall be effective as of _____, 2003 "Effective Date") between Papio-Missouri River Natural Resources District ("OWNER") and HDR Engineering, Inc. ("ENGINEER"). OWNER retains ENGINEER to perform additional professional services, in connection with Papillion Creek Watershed, Stage II Study ("Assignment" or "Project").

OWNER and ENGINEER, in consideration of their mutual covenants as set forth herein, agree as follows:

ARTICLE 1--ENGINEER'S SERVICES

1.01 Scope

A. ENGINEER shall provide the services set forth in the "Exhibit SR-A" for Amendment No. 1.

B. Upon this Amendment No. 1 becoming effective, ENGINEER is authorized to begin services as set forth in said "Exhibit SR-A".

C. If authorized in writing by OWNER, and agreed to by ENGINEER, services beyond the scope of this Amendment No. 1 will be performed by ENGINEER for additional compensation.

ARTICLE 2--OWNER'S RESPONSIBILITIES

2.01 General

A. OWNER shall have the responsibilities set forth in the original Agreement, as amended herein and in said "Exhibit SR-A".

ARTICLE 3--TIMES FOR RENDERING SERVICES

3.01 ENGINEER's services will be performed within the time period or by the date stated in said "Exhibit SR-A".

3.02 If ENGINEER's services are delayed or suspended in whole or in part by OWNER, ENGINEER shall be entitled to equitable adjustment of the time for performance and rates and amounts of compensation provided for elsewhere in this Agreement to reflect reasonable costs incurred by ENGINEER in connection with, among other things, such delay or suspension and reactivation and the fact that the time for performance under this Agreement has been revised.

ARTICLE 4--PAYMENTS TO ENGINEER

4.01 Methods of Payment for Services of ENGINEER.

A. OWNER shall pay ENGINEER for services rendered under this Amendment No. 1 as follows:

1. An amount equal to ENGINEER's Direct Labor Costs times a Factor of 3.15 for the services of ENGINEER's employees engaged on the Assignment, plus Reimbursable Expenses, estimated to be \$ 4,570, which includes ENGINEER's sub-consultants' charges estimated to be \$4,000. The total compensation under paragraph 4.01.A.1 is estimated to be \$ 35,000. Therefore, the fee proposal for the entire Agreement, including this Amendment No. 1 is not to exceed three hundred seventy thousand dollars (\$370,000), which is computed as the sum of three hundred thirty five thousand dollars (\$335,000) from the original Agreement, plus an additional thirty five thousand dollars (\$35,000) from this Amendment No. 1 as per Attachment "A" hereto.

6.02 Total Agreement

A. This Amendment No. 1 (consisting of pages 1 to 3, inclusive, together with the Exhibits identified in paragraph 6.01) constitutes the entire amended agreement between OWNER and ENGINEER and supersedes all prior written or oral understandings. This Amendment No. 1 may only be further amended, supplemented, modified, or canceled by a duly executed written instrument.

NO OTHER CHANGES TO ARTICLES 4 AND 5.

ARTICLE 6--CONTENT OF AMENDMENT

6.01 The following amended Exhibits are incorporated herein by reference:

A. Exhibit SR-A for Amendment No. 1, "Further Description of Services, Responsibilities, Time, and Related Matters," consisting of 4 pages.

B. Attachment A "Fee Estimate" for Amendment No. 1 consisting of 1 page.

C. Attachment B, "Schedule" for Amendment No. 1, consisting of 1 page.

IN WITNESS WHEREOF, the parties hereto have executed this Amendment No. 1, the Effective Date of which is indicated on page 1.

OWNER:

PAPIO-MISSOURI RIVER NATUAL RESOURES
DISTRICT

By: _____

Title: _____

Date Signed: _____

ENGINEER:

HDR ENGINEERING, INC.

By: _____

Title: _____

Date Signed: _____

This is **EXHIBIT SR-A**, consisting of 4 pages, referred to in and part of the **Amendment No. 1 between OWNER and ENGINEER for Study and Report Phase Professional Services** dated _____, _____.

Initial:

OWNER _____
ENGINEER _____

Further Description of Services, Responsibilities, Time, and Related Matters

Specific articles of the Agreement are amended and supplemented to include the following agreement of the parties:

A.1.01 ENGINEER's Services

A. ENGINEER shall:

~~1. Consult with OWNER to define and clarify OWNER's requirements for the Assignment and available data.~~

~~2. Advise OWNER as to the necessity of OWNER providing data or services which are not part of ENGINEER's services, and assist OWNER in obtaining such data and services.~~

~~3. Identify, consult with, and analyze requirements of governmental authorities having jurisdiction relevant to the Assignment.~~

~~4. Identify and evaluate _____ alternate solutions available to OWNER and, after consultation with OWNER, recommend to OWNER those solutions which, in ENGINEER's judgment, meet OWNER's requirements.~~

~~5. Prepare a report (the "Report") which will, as appropriate, contain schematic layouts, sketches and conceptual design criteria with appropriate exhibits to indicate the agreed-to requirements, considerations involved, and those alternate solutions available to OWNER which ENGINEER recommends. This Report will be accompanied by ENGINEER's opinion of Total Project Costs for each solution which is so recommended with each component, including the following, separately itemized: opinion of probable Construction Cost, allowances for contingencies and for the estimated total costs of design, professional, and related services provided by ENGINEER and, on the basis of information furnished by OWNER, allowances for other items and services included within the definition of Total Project Costs.~~

~~6. Perform or provide the following additional tasks or deliverables:~~

~~7. Furnish _____ review copies of the Report to OWNER within _____ days of the Effective Dates of this Agreement and review it with OWNER.~~

~~8. Revise the Report in response to OWNER's and other parties' comments, as appropriate, and furnish _____ final copies of the revised Report to the OWNER within _____ days after completion of reviewing it with OWNER.~~

**For Papio-Missouri River Natural Resources District
For Development of a Watershed Management Plan
Papillion Creek Watershed (Washington, Douglas and Sarpy Counties, NE)**



ENGINEERING PROPOSAL – AMENDMENT NO. 1

BACKGROUND AND BASIS OF PROPOSAL

The purpose of the Amendment No. 1 effort is to provide a “needs assessment” for the Papio Missouri River Natural Resources District (NRD) for the Papillion Creek Watershed Study – Stage II Services (Project). The City of Omaha (City) and the Papillion Creek Watershed Partnership (PCWP) also have a vested interest in the Project but are not parties to this Agreement. The scope of the amended services described herein is intended, in part, to supplement “Task Series 300 – NPDES Stormwater Compliance And Watershed Tools” outlined in the original Agreement, dated July 7, 2003. The original Task 300 is intended to provide the Partnership with EPA Phase II Stormwater Program critical path planning and cost estimates for implementation of non-structural Best Management Practices (BMPs) for anticipated NPDES stormwater permit compliance. The Partnership members have subsequently decided that it would be highly beneficial to undertake an effort to examine the near-term and possible future costs for full development of a Watershed management plan, regulatory costs that may be associated with TMDL determinations, structural BMP costs, etc.

Such preliminary “needs assessment” costs will assist the Partnership in budget planning and public education as to the general magnitude of both existing and future new obligations for the Watershed in relation to surface water quantity and quality related elements. This Amendment, then, is intended to continue an on-going work effort in an integrated and cohesive manner toward development of an overall Watershed Management Plan, which is a multi-phase effort; this being a part of Stage II, the Implementation Planning Phase, where strategies for structural and non-structural controls will be analyzed and will contribute to the development of the Plan.

AMENDED SCOPE OF SERVICES – STAGE II – IMPLEMENTATION PLANNING PHASE

TASK SERIES 500 - NEEDS ASSESSMENT

Task Objectives: Provide a preliminary “needs assessment” of activities and possible costs for the Partnership to assist in budget planning and public education as to the general magnitude of both existing and future obligations for the Watershed in relation to surface water quantity and quality related elements in addition to that included in “Task Series 300 – NPDES Stormwater Compliance And Watershed Tools” outlined in the original Agreement.

HDR Activities: **Task 510 Data Collection.** Collect pertinent information from Partnership members as well as gather similar national data for comparison purposes.

Subtask 510.1 Gather Pertinent BMP Performance and Cost Information.
The Partnership members will be expected to furnish current CIP and operational budget cost information for stormwater-related projects and activities based on a questionnaire furnished by the ENGINEER in order to gain some near-term detail on such activities. The ENGINEER, in turn, will also gather pertinent BMP performance and cost information from internal and national sources on a much broader basis that will not necessarily be specific to individual members but will be geared to overall Watershed objectives.

Task 520 Preliminary Needs Assessment Evaluation. Evaluate the data collected under Task 510.

Subtask 520.1 Consolidate and Summarize Data with Preliminary Costs and Rankings. Generate tabular and graphical data as necessary to summarize the collected BMP data from Subtask 510.1 above, including preliminary rankings as to the anticipated cost effectiveness and performance value that each type of BMP may provide to the Watershed and general implementation time frames.

Subtask 520.2 Present Preliminary Findings to Partnership. Presentations are anticipated to be in the form of PowerPoint slides with appropriate handout materials.

Subtask 520.3 Draft Technical Memorandum. Submit unbound draft technical memorandum to NRD for distribution to Partnership for basic review comments.

Subtask 520.4 Final Technical Memorandum. Submit final bound technical memorandum to NRD for distribution to Partnership.

Task Deliverables: Supplemental handouts for PowerPoint presentations.
Two (2) unbound B/W copies of draft Technical Memorandum.
Five (5) bound B/W copies of final draft Technical Memorandum

Key Understandings: In regards to Subtask 510.1 above, the NRD shall coordinate with Partnership members in advance to furnish to the ENGINEER pertinent stormwater-related program costs based on a “fill-in-the-blank” type questionnaire of data needs furnished by the ENGINEER. It is very important that no delays occur in this feedback process in order to keep on the intended schedule and minimize costs.

In regards to Subtasks 510.1 and 520.1 above, it is anticipated that the ENGINEER will retain the services of a sub-consultant (CDM) as suggested by the NRD to minimize project costs.

In regards to Subtask 520.2 above, it is assumed that a maximum of 2 additional meetings will be involved beyond that in the original Agreement. Meetings are to be held at the NRD unless notified elsewhere, and the NRD will be responsible for providing meeting minutes as has been customary throughout this Project. The ENGINEER will assist in reviewing the meeting minutes as may be necessary.

In regards to Subtasks 520.3 and 520.4 above, it is assumed that the both the draft and final technical memoranda will consist of a maximum of 25 B/W pages. The draft version will consist of 2 unbound copies; whereas the final version will consist of 5 bound (3-ring binder) copies.

A.2.01 OWNER's Responsibilities. Other than that outlined above, no changes from the intent of the original Agreement.

A.3.01 Times for Rendering Services.

A. The time period for the performance of ENGINEER's services in this Amendment shall be concurrent with the completion of Task 300 outlined in the original Agreement, which is intended to be completed by mid-December, 2003, as depicted on the schedule attached thereto.

B. ENGINEER's services under this Agreement will be considered complete when all deliverables described in this Amendment are submitted to OWNER.

A.4.02 Other

E. OWNER has established the following budget: Project fee under the Amended Agreement is not to exceed three hundred seventy thousand dollars (\$370,000), which is computed as the sum of three hundred thirty five thousand dollars (\$335,000) from the original Agreement, plus an additional thirty five thousand dollars (\$35,000) from this Amendment No. 1 as per Attachment "A" hereto.

ATTACHMENT "A"

Papio-Missouri River Natural Resources District
Papillion Creek Watershed, Stage II Study

AMENDMENT NO. 1 FEE ESTIMATE

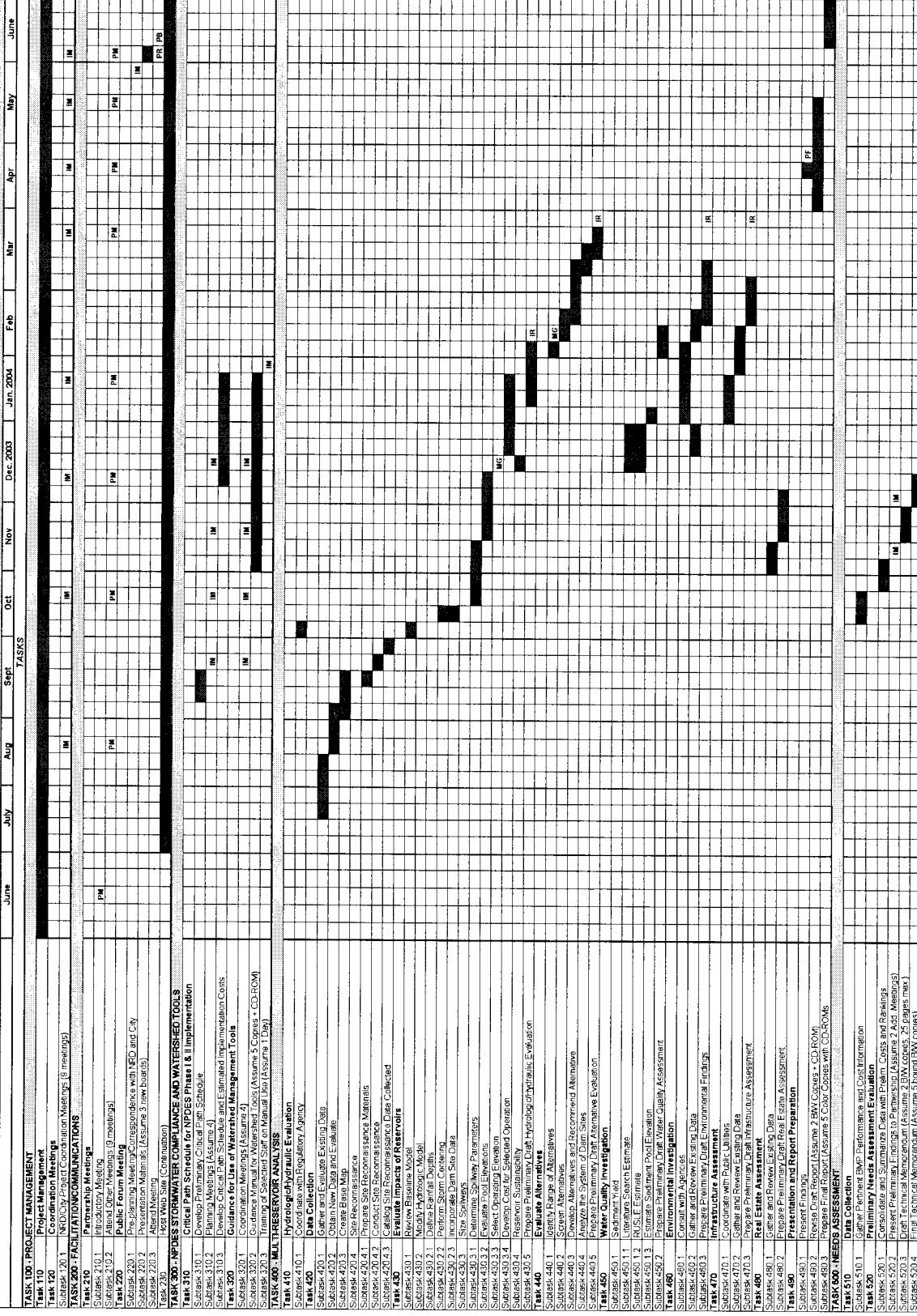
TASKS										Project Manager	Sr. Engr./ Technical	Project Engineer	Tech Support	Clerical	Total Hours	Total Labor Cost	HDR Expenses	Sub-Consultant	Total Expenses [1]	Est. Total Cost	
TASK 500 - NEEDS ASSESSMENT																					
Task 510 Data Collection																					
Subtask 510.1 Gather Pertinent BMP Performance and Cost Information										8	2	24	40	8	82	\$7,824		\$2,000	\$2,200	\$10,024	
Estimated Task Hours Subtotal										8	2	24	40	8	82						
Estimated Task Cost Subtotal										\$1,096	\$296	\$2,880	\$2,960	\$592		\$7,824	\$0	\$2,000	\$2,200	\$10,024	
Task 520 Preliminary Needs Assessment Evaluation																					
Subtask 520.1 Consolidate and Summarize Data with Prelim. Costs and Rankings										12	4	24	24		64	\$6,892		\$2,000	\$2,200	\$9,092	
Subtask 520.2 Present Preliminary Findings to Partnership (Assume 2 Add. Meetings)										16		16	4		36	\$4,408	\$108		\$119	\$4,527	
Subtask 520.3 Draft Technical Memorandum (Assume 2 BMW copies; 25 pages max.)										8	2	24	32	8	74	\$7,232	\$6		\$6	\$7,238	
Subtask 520.4 Final Technical Memorandum (Assume 5 bound BMW copies)										8		16	8	6	38	\$4,052	\$41		\$45	\$4,097	
Estimated Task Hours Subtotal										44	6	80	68	14	212						
Estimated Task Cost Subtotal										\$6,028	\$888	\$9,600	\$5,032	\$1,036		\$22,584	\$155	\$2,000	\$2,370	\$24,954	
STAGE I TOTAL HOURS										52	8	104	108	22	294						
STAGE II TOTAL COST (ROUNDED)										\$7,124	\$1,184	\$12,480	\$7,992	\$1,628		\$30,408	\$155	\$4,000	\$4,570	\$34,978	

[1] Assume administrative fees for reimbursable expenses.

10%

Rounded

CITY OF OMAHA, NEBRASKA
PAPILLION CREEK WATERSHED STUDY
GENERAL SCHEDULE - STAGE II



Legend

- Estimated time required for task
- IM Denotes an internal coordination meeting with City, P-MR NRD and HCR Project Team.
- PM Denotes a Partnership meeting arranged by HCR Project Team
- IR Denotes an internal report
- TR Denotes a technical memorandum
- IM Denotes an interim draft report
- MC Denotes a meeting with P-MR NRD and HCR Project Team

Memo to the Programs, Projects and Operations Subcommittee

Subject: Fiscal Year 2004 Long Range Implementation Plan

Date: September 26, 2003

From: Gerry Bowen

State statutes (see below) require NRDs to prepare and submit a "Long Range Implementation Plan" (LRIP) each year.

"2-32 77 - Districts; long-range implementation plans; prepare and adopt; contents; review; filing; department; develop guidelines. Each district shall also prepare and adopt a long-range implementation plan which shall summarize planned district activities and include projections of financial, personnel, and land rights needs of the district for at least the next five years and specific needs assessment upon which the current budget is based. Such long-range implementation plan shall be reviewed and updated annually. A copy of the long-range implementation plan and all revisions and updates thereto as adopted shall be filed with the department, the Governor's Policy Research Office, and the Game and Parks Commission on or before October 1 of each year. The department shall develop and make available to the districts suggested guidelines regarding the general content of such long-range implementation plans.

Source: Laws 1978, LB 783, §3; Laws 1979, LB 412, §3; Laws 2000, LB 900 §61. Operative date July 1, 2000."

The LRIP (see attached) is intended to summarize the current year's budget (revenues and expenditures) in terms of the various programs and projects and the intended accomplishments during the fiscal year. It also projects the financial and personnel needs for these projects and programs for the next five fiscal years. The tables in the back of the document (pages 39-56) summarize these projections.

Management recommends that the Subcommittee recommend to the Board that the Fiscal Year 2004 Long Range Implementation Plan be approved.

LONG RANGE IMPLEMENTATION PLAN

FISCAL YEAR 2004

Papio-Missouri River Natural Resources District
8901 South 154th Street
Omaha, Nebraska 68138-3621

Phone: 402-444-6222

Fax: 402-895-6543

Web Site: www.papionrd.org

Approved by the Board of Directors: October 9, 2003

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I. INTRODUCTION

In recognition of the need to orderly develop and manage the State's natural resources, the 80th session of the Nebraska Legislature enacted LB 1357 creating natural resources districts (NRD). On July 1, 1972, over 150 special purpose districts were combined to form 24 NRDs covering the entire state (see Figure 1). These districts, bounded predominantly along hydrologic lines, are empowered to provide for effective planning, development, and management of natural resources.

The Papio-Missouri River NRD was created on January 5, 1989 when the Papio and Middle Missouri Tribes NRDs merged, leaving 23 NRDs in the state.

This Long Range Implementation Plan has been prepared according to state statutes (see below) to explain the District's programs and projects, activities planned for FY 2004, and activities planned for the next five fiscal years.

“2-3277 Districts; long-range implementation plans; prepare and adopt; contents; review; filing; department; develop guidelines. Each district shall also prepare and adopt a long-range implementation plan which shall summarize planned district activities and include projections of financial, personnel, and land rights needs of the district for at least the next five years and specific needs assessment upon which the current budget is based. Such long-range implementation plan shall be reviewed and updated annually. A copy of the long-range implementation plan and all revisions and updates thereto as adopted shall be filed with the department, the Governor's Policy Research Office, and the Game and Parks Commission on or before October 1 of each year. The department shall develop and make available to the districts suggested guidelines regarding the general content of such long-range implementation plans.

Source: Laws 1978, LB 783, §3; Laws 1979, LB 412, §3; Laws 2000, LB 900 §61. Operative date July 1, 2000.”

II. DESCRIPTION OF THE DISTRICT

Located in eastern Nebraska, the Papio-Missouri River Natural Resources District consists of all of Washington, Douglas, Sarpy, and Dakota Counties, the eastern two-thirds of Burt and Thurston Counties, and a small portion of southeastern Dodge County (see Figure 2).

The District is bounded on the east by the Missouri River, and by the Platte River on the south and a portion of the West. Three major river basins (Missouri, Platte, and Elkhorn) are represented.

1. Board of Directors

The District is governed by an elected Board of Directors. There are currently 11 members on the Board representing 11 subdistricts (see Figure 3) each containing approximately the same number of people.

Current Board Members are:

a. Fred Conley, Chairperson	Subdistrict 2
b. Richard Connealy, Vice-Chairperson	Subdistrict 1
c. Richard Jansen, Secretary	Subdistrict 10
d. John Conley, Treasurer	Subdistrict 4
e. Tim Fowler	Subdistrict 8
f. Melissa Gardner	Subdistrict 7
g. Joseph Neary	Subdistrict 3
h. Barbara Nichols	Subdistrict 9
i. Peter Rubin	Subdistrict 11
j. Richard Tesar	Subdistrict 5
k. James Thompson	Subdistrict 6

Figure 2

Papio-Missouri River Natural Resources District Base Map

Source: Conservation & Survey Division, University of Nebraska - Lincoln

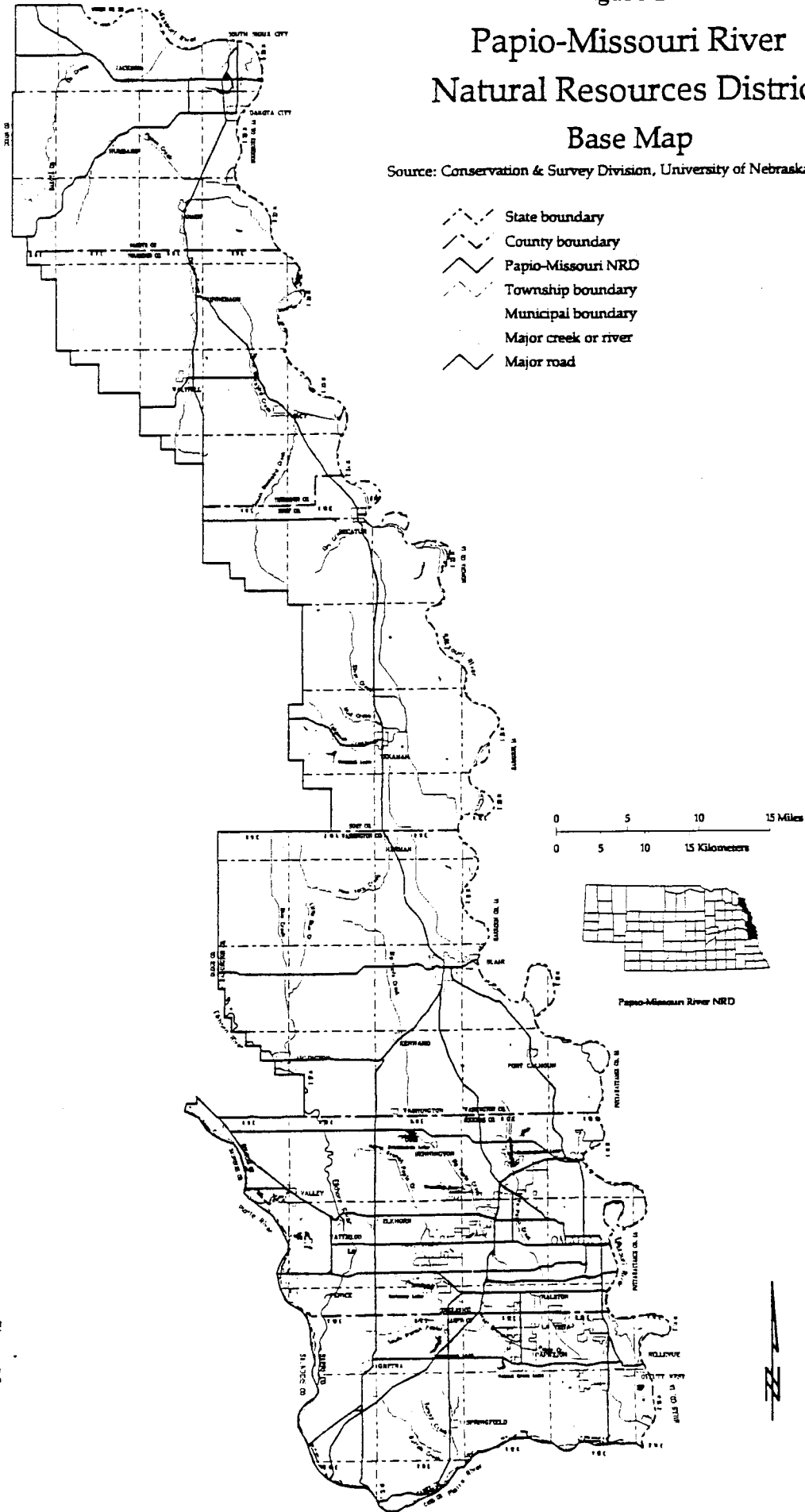
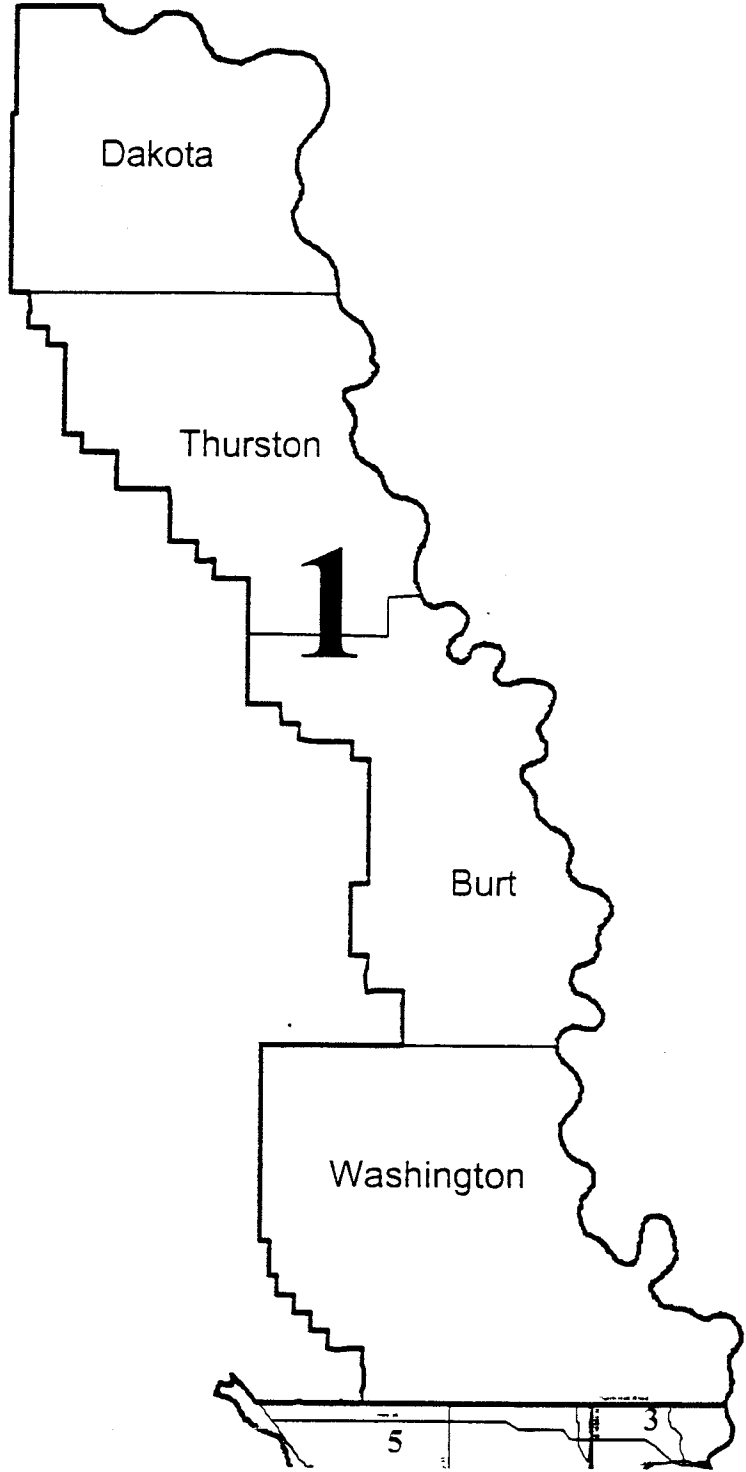
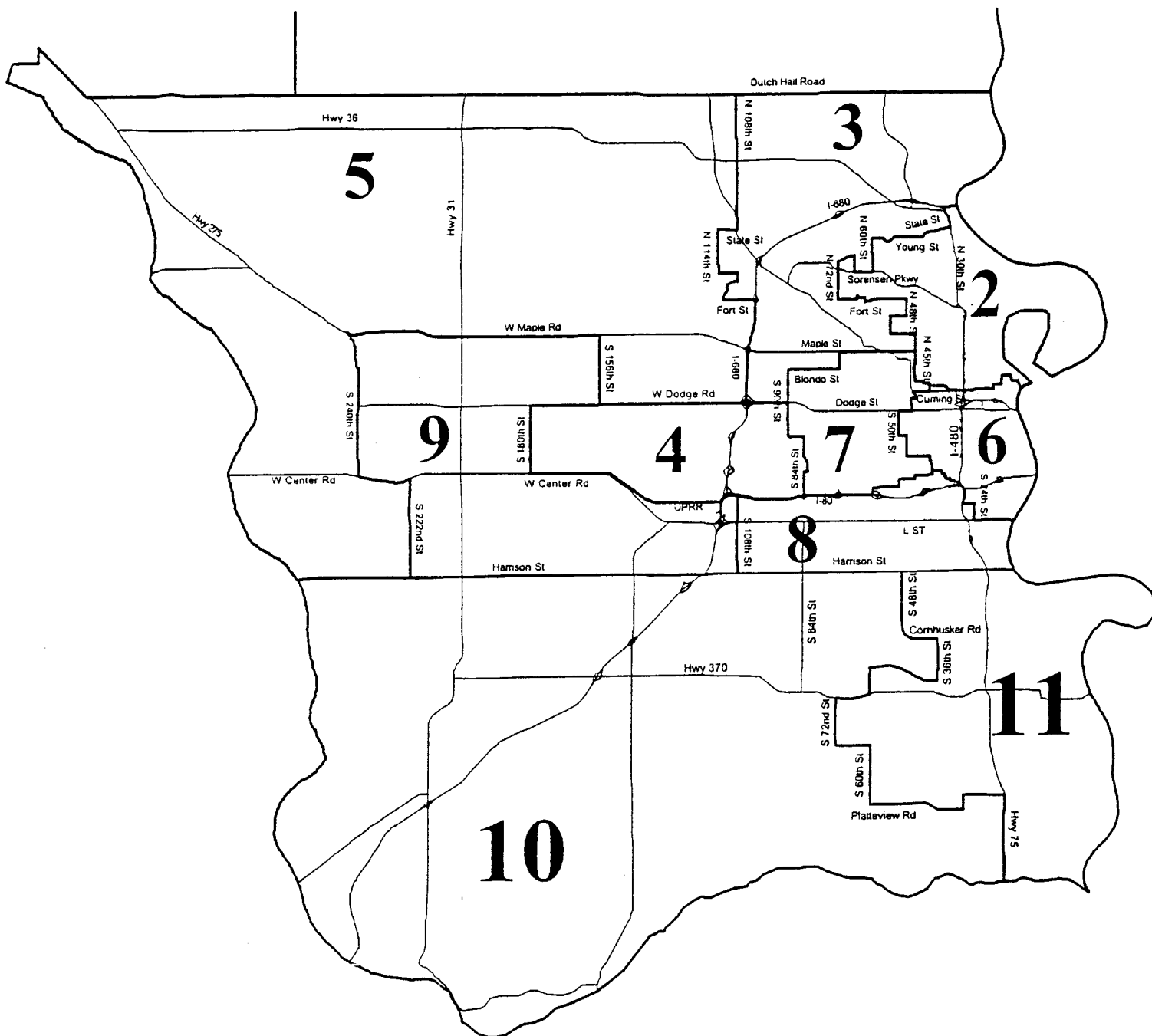


Figure #2
September, 1999
P-MNRD Master Plan

Figure 3a – Papio-Missouri River Natural Resource District Election Subdistricts





2. District Staff

A permanent staff is maintained to implement the District's various programs and projects (see Figure 4).

Administrative Services:

Steve Oltmans	General Manager
Patricia Teer	Administrative Coordinator
Penny Zobel	District Office Secretary
Jean Tait	Purchasing Agent/LAN Administrator
Bernadet Taylor	Receptionist/Secretary
Jack Lawless	Accountant
Jolene Kohout	Accounting Assistant
Trent Heiser	Information Technology Specialist

Program and Project Services:

Marlin Petermann	Assistant General Manager
Jim Becic	Environmental Coordinator
Gerry Bowen	Natural Resources Planner
Martin Cleveland	Construction Engineer
Mike McNaney	Engineering Aide/Party Chief
Adam Weimer	Engineering Aide/Surveyor
Marty Nissen	Engineering Aide/Drafter
Jerry Herbster	Park Superintendent
Randy Lee	Assistant Park Superintendent
Tom Pleiss	Groundskeeper
Marty Thieman	Groundskeeper
Ryan Trapp	Assistant Groundskeeper
Ron Gouker	Custodian
Paul Woodward	Water Resources Engineer
Ralph Puls	Land and Water Programs Coordinator
Terry Schumacher	Field Representative (Blair)
Dennis Piper	Field Representative (Walthill)
John Zaugg	Field Representative (Omaha)
Rod Kinning	Conservation Technician (Walthill)
Linda Ellett	Administrative Secretary (Omaha)
Darlene Hensley	Field Office Secretary (Blair)
Evelyn Maslonka	Field Office Secretary (Lyons)
Teresa Murphy	Field Office Secretary (Walthill)
Kelly Fravel	Field Office Secretary (South Sioux City)
Richard Sklenar	Special Projects Coordinator
Randy Hummel	Water System Superintendent (Dakota City)
Marge Stark	Water System Bookkeeper (Dakota City)

Lance Olerich	Water System Operator (Dakota City)
Marvin Baker	Water System Operator (Pender)
Ronnie Lehman	Operation and Maintenance Superintendent
William Warren	Assistant Operation and Maintenance Superintendent
Keith Butcher	Heavy Equipment Operator
Jason Schnell	Medium Equipment Operator
Terry Keller	Medium Equipment Operator
Keith Lienemann	Heavy Equipment Operator

Information and Education Services:

Emmett Egr	Information/Education Coordinator
Christy Jacobsen	Education/Volunteer Specialist

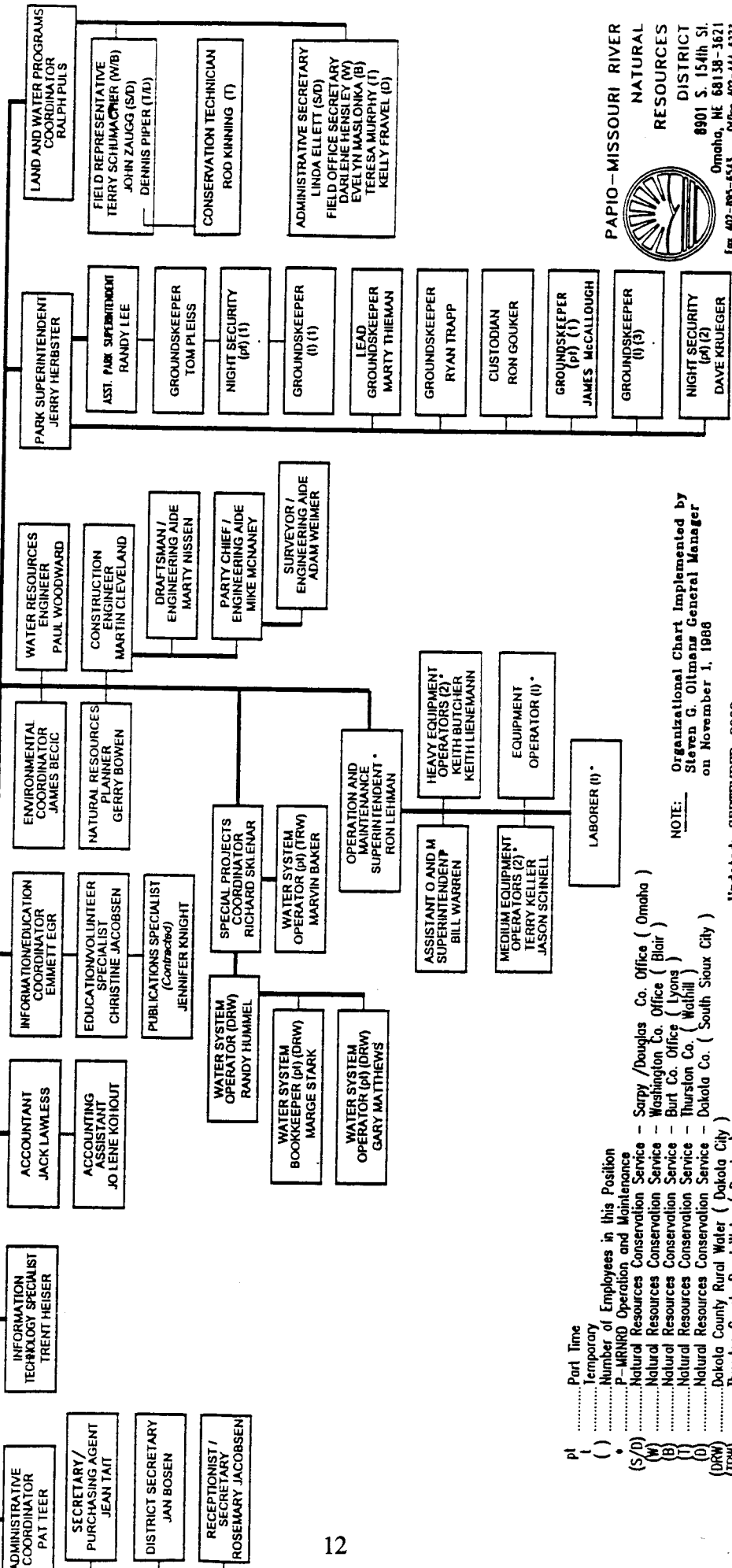
PAPIO-MISSOURI RIVER NATURAL RESOURCES DISTRICT BOARD OF DIRECTORS

LEGISLATIVE REPRESENTATIVE
RICH LOMBARDI

GENERAL MANAGER
STEVE OLTMANS

LEGAL COUNSEL
PAUL PETERS, ESQ.
TAYLOR, KLUWER, PETERS, & DREWS

ASSISTANT GENERAL MANAGER
MARLIN PETERMANN



Part Time
Temporary
Number of Employees in this Position
P-MRNRD Operation and Maintenance
Natural Resources Conservation Service
Natural Resources Conservation Service
Natural Resources Conservation Service
Natural Resources Conservation Service
Natural Resources Conservation Service
Natural Resources Conservation Service
Dakota County Rural Water (Dakota City)
Thurston County Rural Water (Pender)

Sarpy/Douglas Co. Office (Omaha)
Washington Co. Office (Blair)
Burt Co. Office (Lyons)
Thurston Co. (Walhill)
Dakota Co. (South Sioux City)

NOTE: Organizational Chart Implemented by Steven G. Oltmans General Manager on November 1, 1998

Updated: SEPTEMBER, 2002

PAPIO-MISSOURI RIVER
NATURAL
RESOURCES
DISTRICT
8901 S. 154th St.
Omaha, NE 68138-1821
Fax 402-895-4543 Office 402-444-9222



3. Authorities and Responsibilities

Authority for the District's activities is found in Chapter 2-3229 of the Revised Statutes of Nebraska. It states:

"The purpose of natural resources districts shall be to develop and execute, through the exercise of powers and authorities contained in this act, plans, facilities, works and programs relating to,

- 1) erosion prevention and control,
- 2) prevention of damages from flood water and sediment,
- 3) flood prevention and control,
- 4) soil conservation,
- 5) water supply for any beneficial uses,
- 6) development, management, utilization and conservation of groundwater and surface water,
- 7) pollution control,
- 8) solid waste disposal and sanitary drainage,
- 9) drainage improvement and channel rectification,
- 10) development and management of fish and wildlife habitat,
- 11) development and management of recreational and park facilities, and
- 12) forestry and range management..."

The Papio-Missouri River Natural Resources District has consolidated these authorities into seven resource management needs. By priority for FY 2004, these include the need to:

1. Reduce flood damages.
2. Maintain water quality and quantity.
3. Reduce soil erosion and sedimentation damages.
4. Provide outdoor recreation facilities
5. Provide domestic water supply.
6. Develop and improve fish and wildlife habitat, and forest resources.
7. Participate in solid waste management and pollution control.

III. PROGRAMS AND PROJECTS

This plan reviews the current status of the District's programs and projects which have been implemented to address the resource management needs previously outlined. It reports District accomplishments during the past year, but more importantly, explains activities to be undertaken in the next year, and anticipated activities during the next five year periods.

The projected personnel and financial resources needed for each of these programs and projects are summarized in Tables 2 and 3 of Section IV of this plan.

FLOOD CONTROL

1. Channel Maintenance Program

Prior to July 1, 1972, channel improvements to the Papillion Creek were accomplished through the cooperation of the Papio Watershed Board, Sarpy and Douglas Counties, and the Sarpy and Douglas County Soil and Water Conservation Districts. When natural resources districts were created, channel maintenance and improvement became the responsibility of the District.

Operation and maintenance on these channel improvements will continue.

2. West Branch Papio Project

In 1987, the Board authorized a channel improvement and flood control project on the West Branch Papillion Creek. In 1991, the District and Sarpy County funded a project to construct channel improvements and levees on the West Branch between 66th and 75th Streets.

Construction was initiated on the segment between 48th and 66th Streets in 1995, and completed in 1999. In 1996, West Branch channel improvements were completed through the City of Papillion between 72nd and 90th Streets.

In 1998, preliminary survey and design, and land rights acquisition was completed on the segment between 30th and 48th Streets. Construction of the segment between 30th and 48th Streets was completed in 2001. Operation and maintenance of this project will continue into the future.

Within the next five years, additional segments of the creek will be improved upstream of Papillion between 90th Street and Giles Road.

3. Missouri River Levee, Unit R-613

Missouri River Levee System Unit R-613, a component of the Missouri River Levee System Project, was authorized as part of the Pick-Sloan Plan (Flood Control Act of 1944). The completed levee is located in southeastern Sarpy County adjacent to the Platte River, Missouri River, and Papillion Creek. The District has assumed operation and maintenance responsibility of the approximately thirteen miles of levees and appurtenant structures. Continued operation and maintenance of the project will be provided.

4. Missouri River Levee, Unit R-616

Part of the Missouri River Levee System, authorized by the Pick-Sloan Flood Control Act of 1944, Unit R-616 is the right bank levee along the Missouri River from the mouth of the Papillion Creek north to Highway 370 in Bellevue. This 4.5-mile levee provides flood protection from high flows on the Missouri River and Papillion Creek for the area east and south of Bellevue. Continued operation and maintenance will be provided.

5. Union/No Name Dike

In 1976, the District assumed operation and maintenance of the completed Union Dike and Drainage District levee, which extends 9.5 miles along the left bank (east) of the Platte River from Fremont to west of Valley, Nebraska. The Lower Platte North NRD and the District agreed to a boundary change to provide that the entire area protected by Union Dike would be wholly within the District's jurisdiction.

In 1991, construction was completed on a \$1.9 million dike improvement project. The District paid 10% of the costs with the remainder assessed to benefited properties. The project also created 24 acres of wetland habitat.

As a continuation of this project, the District has improved an existing dike (called No Name Dike by the District) along the Platte River between County Road 33 and the UPRR in Western Douglas County (approximately two miles in length). Construction was completed in 1993.

6. Papillion Creek and Tributaries Project

On July 1, 1972, the District assumed responsibility for local coordination of the Papillion Creek and Tributaries Flood Control Project. Prior to that time, the Papio Watershed Advisory Board carried out this responsibility for the three county boards (Sarpy, Douglas, and Washington Counties).

Seven of twenty-one federally authorized flood control structures conceived in the late 1960's have been constructed; Site 16 (Standing Bear Lake), Site 11 (Cunningham Lake), Site 17 (Candlewood Lake), Site 18 (Zorinsky Lake), Site 20 (Wehrspann Lake), Site 21 (Walnut

Creek Lake), and Site 6. The large dam construction program was de-authorized by the federal government in the early 1980's. Since then, the District has pursued construction of large dams without federal funding (for example, Dam Site 6 near Bennington).

A reevaluation study of flood control needs in the Papillion Creek basin was completed in 1985. The study, conducted by the Corps, resulted in the replacement of the remaining structures in the project with an improved channel on the Big Papillion Creek between L Street and West Center Road. Construction of the channel improvements was completed in 1996. The District will provide operation and maintenance on the improved channel into the future.

In 2001, construction of channel improvements was completed on the Big Papillion Creek between Center and Blondo. The District will operate and maintain this facility, except for a recreational trail, which will be maintained by the City of Omaha.

Maintenance of the flood control structures is provided by the Corps of Engineers, except for Candlewood Lake (built and maintained by private interests), Walnut Creek Lake (built and maintained by the District), and Site 6 (built by private interests and maintained by the District). In 1999, a conceptual agreement was reached between the District, City of Omaha, and Candlewood Lake Homeowners Association whereby the District will operate and maintain the structure into the future.

Recreation facilities are completed at Sites 11, 16, 18, 20 and 21. The City of Omaha is the sponsor of recreation operations at Sites 11, 16, and 18, while the District has this responsibility at Sites 20 (see Chalco Hills Recreation Area) and 21 (see Walnut Creek Recreation Area).

An automated flood warning system was installed throughout the Papillion Creek basin. This system includes nineteen rain and eighteen stream staff gauges.

In 2003, the District will reevaluate the remaining structure sites in the Papio Watershed to determine the potential for construction in the future. In addition, the District will continue to work with private interests to facilitate construction of Sites 13 and 19.

7. Papio Dam Site 6

Papio Site 6 was originally proposed by the Corps of Engineers under the Papillion Creek and Tributaries Project. The structure was to be located west of Bennington on an unnamed tributary of the Big Papillion Creek. In an effort to increase flood protection for metropolitan Omaha, the District entered into a partnership with a private developer to proceed with the installation of this flood control structure. The developer will have a lake front development community to market to prospective buyers and the District will receive the added flood control benefits associated with the structure. The District will also receive the following public facilities; a recreation area (see Prairie View Recreation Area), a public recreation trail, and a fishing pier. The developer also provided land which will be ultimately used for the

Bennington School District for a school and sports complex. The District will own and maintain the completed flood control structure.

Construction of the dam began in 1998 and was completed in 2002. The public improvements, which includes a trail and fishing pier, will be completed by 2005.

8. Little Papillion Creek Channel Project

The Little Papillion Creek Channel Project was constructed by the Corps between Pratt Street and the confluence with the Big Papillion Creek north of Q Street. Douglas County was the local sponsor of the project until 1996, when the District assumed operation and maintenance responsibilities for the project.

9. Floodplain Management Program

Primary responsibility for implementing floodplain management programs rests with cities and counties having regulatory jurisdiction over floodplain lands. To assist in this regard, the District provides technical advice to entities of government on floodplain management efforts upon request. This includes comments on rezoning applications, building permits, and new developments.

In addition, the District assists with the implementation of flood insurance programs by providing information to agencies and individuals needing to know if a specific property is located within a designated floodplain or floodway area. Information on the 100-year flood elevation and flood insurance zones is also provided upon request.

The District continues to work with local, state, and federal authorities to update and revise flood hazard studies for the District, on an as-needed basis, to permit cities and counties to utilize this information in their ongoing floodplain management program.

In 2003, the District became a cooperating technical partner with FEMA to provide leadership to update existing flood insurance studies in the District. The initial project will be an update of the West Branch Papillion Creek Watershed.

10. Floodway Purchase Program

The Floodway Purchase Program was established in 1993 and is designed to reduce flood damages through purchase of land and improvements in the designated floodway. It is intended to help remove obstructions in the floodway that were in place prior to the adoption of the federal flood insurance program.

Due to the extensive flooding along the Missouri River in 1993, federal funds through FEMA and the Nebraska Department of Economic Development (DED) became available. These funds enabled the District to implement this program in the Holub's Place and Elbow Bend

areas of eastern Sarpy County. This voluntary program removed approximately 102 structures from the floodway. This project was completed in 1998.

The District continues to buyout structures in floodways including some of the remaining properties in Elbow Bend located in the Missouri River floodway in eastern Sarpy County, and other selected properties in cooperation with other units of governments in the District.

11. Flood Mitigation Planning Assistance Program

In 2003, the District adopted the Flood Mitigation Planning Assistance Program to assist National Flood Insurance Program communities, both technically and financially, to develop flood mitigation plans, and to update flood insurance studies. In FY 2004, the District will be cooperating with the City of Tekamah to update flood hazard information for their community.

12. Western Sarpy Dike Project

The Western Sarpy Drainage District was organized in 1909 to address drainage and flooding problems in southwest Sarpy County. The drainage district encompasses approximately 7,540 acres of land along the Platte River from the mouth of the Elkhorn River to Interstate 80. The drainage district operates a series of drainage ditches and a flood control levee. In 1993, severe flooding along the Platte River damaged many of the district's facilities, which were subsequently repaired.

In 1999, the Western Sarpy Drainage District merged with the District, with the NRD taking over operation and maintenance of the project. It is anticipated that major renovation and improvement of the dike will begin in late 2003. The drainage ditches currently in place will be maintained by means of an improvement project area, where operation and maintenance costs will be assessed against benefited lands in the drainage district.

13. Pigeon/Elk Creek Project

On January 8, 1999, the Papio-Missouri River NRD and Drainage District #5 (Dakota County) merged. The area encompassed by the drainage district included the downstream portions of Pigeon and Elk Creek Watersheds. In FY 2004, and beyond, it is anticipated that improvements to the Pigeon Creek and Elk Creek levees will continue. A grade stabilization structure will be constructed in the Elk Creek channel during 2003-2004.

The District will operate and maintain the project in the future. Benefiting landowners in the area will be assessed an annual operation and maintenance fee for the project.

14. Small Flood Control Structure Program

In 2000, the District authorized the establishment of a small flood control structure program to provide technical and financial assistance to landowners for the installation of small flood

control structures within the Papillion Creek Watershed. The initial implementation of the program is a proposed Sachs-Palmer Dam that would control approximately 500 acres on a tributary to the North Branch West Branch Papillion Creek. Construction was completed on this structure in 2002.

The District will continue to evaluate additional sites for construction under this program.

15. Urban Stormwater Program

This program was established in 1982 and was designed to encourage the regulation and wise management of stormwater systems in urbanized and developing areas. It is administered in conjunction with the Floodplain Management, Urban Stormwater, and Urban Conservation Programs. Accomplishments under this program include an inventory and prioritization of all open drainageways in the City of Omaha and surrounding areas of Douglas County, watershed master planning, and assistance with the City of Omaha's NPDES Stormwater Permit application.

In 1997, the District and the Corps of Engineers entered into a cooperative agreement to conduct a study of the effects of urbanization on the West Branch Papillion Creek Watershed. The study is currently in Phase 2 that will analyze the impact of regional storage reservoirs, and channel improvement projects.

The District is currently working with cities and counties within the Papillion Creek Watershed to setup a basin-wide plan for the Papillion Creek system. In 2001, the Papillion Creek Watershed Partnership (PCWP) was formed consisting of nine communities, two counties, and the District. The PCWP will address water quality and quantity issues, sediment and erosion control, and regulatory issues in the Papillion Creek Watershed related to NPDES (National Pollution Discharge Elimination System) Phase 2 permit acquisition. A comprehensive stormwater study of the basin was initiated in 2002 and will continue throughout 2004.

16. Bellevue/Offutt Drainageway Project

In 1998 and 1999, the City of Bellevue, Offutt Air Force Base, and the District undertook a project to improve the Bellevue/Offutt Drain from Modification Road eastward to Missouri River Levee R-616. The District will operate and maintain the project into the future.

17. Urban Drainageway Program

Initiated in 1987, this cost-share program was developed to address erosion and flooding problems on major urban drainageways.

In 2003, funds were used for projects in Omaha, Fort Calhoun, and Tekamah. In 2004, funds have been budgeted for projects in Fort Calhoun, Omaha, and Elkhorn.

It is anticipated that this program will continue into the future.

18. Elkhorn River Breakout Improvement Project Area

In 1997 and 1998, the District cooperated with the Lower Platte North NRD (LPNNRD) in a flood control project on the Elkhorn River in Dodge County. The project was located in the LPNNRD, but benefits of the project extended into Douglas County. The District is cooperating by collecting operation and maintenance funds from benefited landowners in the District. Operation and maintenance will be provided by the LPNNRD.

19. Emergency Operations

The District's flood control projects are monitored during actual and potential high water or high rainfall occurrences that may affect public safety and welfare. Local civil defense authorities are contacted if conditions warrant. Several programs relate to this function of the District.

The Emergency Flood Warning System was developed to assist emergency management agencies and the National Weather Service in providing the general public with advance warning prior to potential flood events, to provide hydrologic and hydraulic data for future use, and to provide assistance to District personnel during periods of flooding.

In 1995, the Corps of Engineers installed an automated flood warning system in the Papillion Creek Watershed in conjunction with the Big Papio Channel Project. The District is responsible for ongoing operation and maintenance of the 19 gauging stations (rainfall and stream) in the system. Douglas, Sarpy, and Washington County Emergency Management Agencies provide funding to help offset maintenance costs.

The Stream Staff Gauge Program places and maintains gauges at various locations along the Platte and Elkhorn Rivers, and the Papillion and Bell Creeks to aid in determining stream flows and flood stage elevations. During intense storm events, District staff and other emergency management professionals make visual observations of these gauges to document stream stages and assist in flood forecasting. The system will continue to be upgraded.

The Rain Gauge Network is maintained by the District to develop a long term rainfall database and assist in flash flood warnings in the Papillion Creek Basin. Twenty-eight (28) cooperators have been supplied with rain gauges and data report forms. During periods of intense rainfall, the National Weather Service can contact cooperators and receive rainfall information. This network allows the District to evaluate emergency operation needs while providing hydrologic data for future use. The network will continue to be upgraded.

The Emergency Bank and Dike Protection Program becomes operational during local flooding situations. It provides for temporary, emergency flood protection of public facilities. Also included is assistance in the reconstruction of levees and other damaged flood control

structures. The District will continue to act as local sponsor of federal programs to provide timely assistance to local groups and individuals.

The Ice Jam Removal Program is operational each spring as ice melts on the Platte and Elkhorn Rivers creating the possibility of ice jams. The District executed an agreement with the Lower Platte South NRD, Lower Platte North NRD, and Saunders, Sarpy, Cass, and Douglas Counties that allows for the removal of ice jams by any appropriate means, including explosives. The cost of the program is shared between the sponsoring agencies.

EROSION CONTROL

20. Conservation Assistance Program

This program is administered by the District and was established to provide financial assistance to landowners in the construction of soil and water conservation practices. These practices help to prevent soil erosion, control gullies, reduce downstream sedimentation, and help to control non-point pollution. Technical assistance for the design and construction inspection of projects is provided by the Natural Resources Conservation Service (NRCS).

SPORT (Special Project for Omaha's Recreation of Tomorrow) provided special assistance in the watersheds of Cunningham, Standing Bear, Zorinsky, Wehrspann, and Candlewood Lakes from 1987 to 1993. This assistance helped to establish best management practices and reduce sedimentation to these lakes. At the conclusion of the program, erosion protection was accomplished on 73% of the land in the watersheds.

Assistance under SPORT continues in the watersheds of the Papio Lakes to further improve water quality in the lakes.

Special assistance was also provided in the New York Creek Watershed in northern Washington County to establish best management practices. At the conclusion of the effort, an increase from 30% to 50% of the watershed was adequately protected from erosion.

The Hanson's Lake Special Project is located in Sarpy County and was initiated to improve water quality and reduce sedimentation in the lake. Funds were initially expended to establish best management practices in the watershed, and concluded in 2001, with the installation of a large sediment basin.

The Silver Creek Watershed Project was established in 1994 to reduce erosion and sedimentation rates in this Burt County watershed. Plans call for the installation of 24 grade stabilization structures, of which, seven have been completed. In addition, terraces and other best management practices will provide significant off-site benefits through sediment reduction in the Burt-Washington Drainage District. Construction will continue until all structures identified in the work plan are installed.

The Pigeon-Jones Creek Watershed Project was approved in 2001. The District and NRCS developed a work plan to reduce sedimentation in this Dakota County watershed. The work plan includes the construction of twenty (20) flood control and grade stabilization structures. The first structure was completed in 2003. Additional sites, as identified in the work plan will be constructed in the future.

21. Nebraska Soil and Water Conservation Program

In cooperation with the Nebraska Department of Natural Resources, financial assistance is also available from the state to encourage installation of best management practices. Funds are apportioned to NRDs, which administer the program on a local basis. Technical assistance is provided by NRCS.

The District will continue to utilize this funding source to provide cost share assistance to landowners applying conservation practices.

22. NRCS Assistance

Public Law 46 established the Soil Conservation Service in 1935 (renamed the Natural Resources Conservation Service in 1996) to provide technical assistance to landowners through local conservation districts to help solve natural resources conservation problems. The District assists with this effort by providing personnel to NRCS to assist with their activities and to help administer District programs.

23. Urban Conservation Programs

This program provides technical assistance to landowners and developers on conservation related concerns in urban areas. An important aspect of this program involves the review and comment on proposed subdivisions and rezonings for various units of government in the District.

District personnel will continue to work with city and county officials to incorporate appropriate sediment control measures in all new subdivisions, and to provide technical assistance to individual landowners on natural resources related issues.

The District also administers the Urban Conservation Assistance Program, which provides cost share assistance to units of government to solve erosion and flooding problems.

24. Public Law 566 Watersheds

- a. Papillion Creek - This project was established to address grade stabilization problems in the Papillion Creek Watershed in Douglas, Sarpy, and Washington Counties. 28 of 52 structures identified in the work plan have been completed and

are operational. The District will continue to provide maintenance of completed structures.

- b. Tekamah-Mud Creek - All 15 of the structures identified in the work plan of this Burt County watershed have been installed and are operational. The largest of the structures created Summit Lake, which is operated by the Game and Parks Commission as a state recreation area. The District will continue to maintain completed structures.
- c. Turtle Creek - The Turtle Creek Watershed Project is located in south central Sarpy County. Both structures identified in the work plan have built. The District operates and maintains the project.

25. Buffalo Creek Watershed

Buffalo Creek Watershed, located in southwest Sarpy County, experienced flooding, sediment, and erosion damage throughout the entire watershed. 10 grade stabilization structures were identified in the work plan, with all 10 having been built. Funding assistance was received from the NNRC through the Resources Development Fund (RDF). Maintenance of these structures will be performed as necessary.

26. County Road Structure Program

This program was developed to address grade stabilization, flood control, and sedimentation problems in channels as they cross county roads. Funds are budgeted to cost share with counties to build conservation road structures.

27. Elkhorn River Project

The District cooperated with NRCS, Sarpy County, and Allbery Farms, Inc. to control streambank erosion on the Elkhorn River south of Harrison Street. The project utilized quarry rock to build hard points and windrow revetment along approximately 3,500 feet of streambank. The District will provide maintenance on the project into the future.

28. Elkhorn River Improvement Project Area

Severe streambank erosion along the Elkhorn River throughout the District prompted landowners to petition the District for assistance in solving the problem. An application for RDF assistance was prepared and submitted to NNRC for their consideration. RDF funding levels forced limiting the project to a seven-mile stretch of the Elkhorn River from Highway 36 downstream to King Lake in western Douglas County.

NNRC approved 75% cost sharing on the lesser project. The District paid 15% of the costs with the remaining 10% assessed to benefited landowners. In addition, operation and maintenance costs are assessed to benefited landowners. Construction was completed in 1989, with maintenance performed as needed.

29. Native Grass Program

To encourage the establishment of permanent vegetation, the District owns and maintains grass drills that are available on a rental basis to landowners and at no charge to other units of government. These drills are designed to plant native grass seed, but will also accommodate other grasses and legumes.

30. Erosion and Sediment Control Program

The Nebraska Erosion and Sediment Control Act of 1986 (LB 474) provides for a complaint system whereby landowners whose land is damaged by sediment from soil erosion from adjacent lands can get this erosion controlled. NRDs in the state have been assigned responsibility to administer this act.

The District adopted rules and regulations for the program in 1987. In the event that a complaint results in mandatory installation of permanent conservation measures, public cost share funds must be made available.

In 1995, the rules were revised to include urban developments greater than two acres in size. These areas were specifically excluded from the original act.

31. Streambed Stabilization Program

This program was established in 1998 to cost share with units of government to solve grade stabilization problems in stream channels. This program is ongoing, however, no projects are planned for FY 2004.

WATER QUALITY AND QUANTITY

32. Groundwater Management Program

In 1984, the Nebraska Legislature enacted the Groundwater Management and Protection Act (GWMPA) which required each NRD to prepare a groundwater management plan. The plan was to provide a description of the groundwater reservoir, establish a reservoir life goal, and list District policies and programs designed to achieve this goal. The District's GWMP was approved in 1986 by the Department of Water Resources (now the Department of Natural Resources).

The plan was revised in 1993 so that quality and quantity issues received equal emphasis. The District's revised plan was approved in 1994.

An important part of the plan is the groundwater monitoring program. The District has been monitoring groundwater levels in wells since 1978 to get an indication of the quantity of groundwater. This program will be continually upgraded.

Water quality monitoring, begun in 1993, is accomplished through a cooperative effort with the USGS. 100 wells were identified and sampled by USGS covering the entire District and the five distinct groundwater areas (Missouri Valley, Platte Valley, Elkhorn Valley, Upland, and Dakota). Each well is tested once every four years. The information will provide the benchmark for determining changes in quality, and as the basis for management decisions in the future.

In 1996, the Legislature created the Natural Resources Water Quality Fund. These funds are to be used by NRDs for water quality purposes. The District's share of this fund will be used to offset the costs of the water quality monitoring effort.

In 1999, the District cooperated with USGS in establishing ten "well nests" throughout the District to further aid in the water quality monitoring effort.

33. Chemigation Certification Program

In 1986, the Nebraska Legislature passed legislation to require irrigators who apply agricultural chemicals and fertilizers through their center pivot irrigation systems to acquire a permit from the local NRD. To obtain a permit, the irrigator must demonstrate that the required safety equipment has been installed and is operational.

In 2003, permits for 45 chemigation systems were issued.

34. Well Abandonment Program

This program was established in 1996 and provides cost share assistance to landowners to properly decommission wells no longer in use. Potential groundwater contaminants, such as pesticides, fertilizers, and other contaminants can flow directly into the groundwater through these old wells threatening private or public water supplies. To date, over 700 wells have been properly abandoned under this program.

35. Clean Lakes Program

In 1992, the District received a grant from the Nebraska Department of Environmental Quality (DEQ) to conduct a diagnostic feasibility study of Cunningham, Standing Bear, Zorinsky, Wehrspann, and Summit Lakes. The Corps of Engineers and the City of Omaha cooperated on the study that was completed in 1993. The study identified water quality problems in the lakes and potential solutions.

- a. Wehrspann Lake - In 1999, the District continued the information and education program in the watershed to help producers control erosion and reduce

sedimentation to the lake. In 2000, a wetland was constructed in the upstream reaches of the lake and will act as a sediment and nutrient trap preventing pollutants from entering the lake. The District cooperated with the Corps of Engineers on the construction of the wetland through their 1135 program. In addition, the District received a grant from the Nebraska Environmental Trust for the project. This project will complete the District's structural implementation in the watershed. Information and education efforts will continue.

- b. Zorinsky Lake - The District cooperated with the City of Omaha in developing a watershed management plan for Zorinsky Lake. The City has received a federal non-point pollution grant (Section 319) to develop and eventually implement the plan. The District cooperated with the City of Omaha and a private developer to install a regional sediment basin during FY 2003. In addition, the District prepared a hydraulic analysis for another regional sediment basin in the watershed. In FY 2004, another regional basin will be evaluated. It is anticipated that the District will provide technical and financial assistance to the City on future implementation of the watershed management plan.
- c. Standing Bear Lake - The District is cooperating with the City of Omaha in developing a watershed management plan for Standing Bear Lake. The City received for a federal non-point pollution grant (Section 319) to develop the plan that was completed in 2000. It is anticipated that the District will provide technical and financial assistance
- d. Walnut Creek Lake (Site 21) - In 1999, the District completed a watershed management plan for Walnut Creek Lake. A federal, non-point pollution grant (Section 319) has been received to help develop the plan. One key element of the plan was the adoption of a sediment control ordinance in the watershed by the City of Papillion. The plan includes the installation of several water quality basins in the watershed to further prevent sediment and nutrients from entering the lake.

The District will assist the City of Omaha with developing a watershed management plan for the Cunningham Lake watershed.

36. Lower Platte River Corridor Alliance

In 1996, the Lower Platte River Corridor Alliance was formed between the District and the Lower Platte South NRD, Lower Platte North NRD, DWR, NNRC, Nebraska Game and Parks Commission (NGPC), DEQ, and the Nebraska Department of Health (DOH). The Alliance will attempt to coordinate the development of land and water resources in the Lower Platte River Basin (downstream of Columbus).

Commencing in 1998 and continuing through 2000, the Alliance and the District will cooperate with the Corps of Engineers who will conduct the Lower Platte River and Tributaries Feasibility Study. This study will investigate flood control, environmental restoration, water quality, and numerous planning and zoning issues.

OUTDOOR RECREATION

37. Chalco Hills Recreation Area

In 1973, the District contracted with the Corps of Engineers to assume recreation sponsorship at Site 20 (Wehrspann Lake). The recreation master plan for the site was adopted in 1985. Recreation facilities were completed in 1987, and Chalco Hills Recreation Area was opened. Recent additions to the recreation area include a handicapped accessible fishing pier, a linear arboretum, reconstruction of the trails system, and the addition of a nature trail adjacent to the wetland south of Highway 370 in the wildlife area.

The District will continue operation and maintenance of the recreation facilities.

38. Walnut Creek Recreation Area

Papio Site 21 was originally proposed by the Corps under the Papillion Creek and Tributaries Project. It was to be built on Walnut Creek upstream of Highway 370 southwest of Papillion. The renewed interest in this structure resulted from the District's desire to provide additional flood control for the City of Papillion, additional water-based recreation for the entire Omaha metro area, and a potential cost savings to the Department of Roads in rebuilding Highway 370.

The District received approval from the Natural Resources Commission for 75% cost sharing on the \$6.3 million flood control structure and recreation area. In addition, a federal aid grant was received from the Game and Parks Commission for the development of a fishing pier, boat ramp, parking lot, and shoreline improvements.

Construction of the dam was completed in 1996 and is being maintained by the District. Recreational improvements were completed in 1999 and the recreation area opened. Facilities include a campground, fishing pier, picnic shelters, and a hiking/biking trail. An equestrian trail was added in 2000. In 2002, trail connections were completed under Highway 370 to the City of Papillion, and to the new Papillion-LaVista South High School campus.

The Walnut Creek Recreation Area, will initially be maintained by the District, but will be transferred to the City of Papillion upon annexation of the surrounding area.

39. Elkhorn Crossing Recreation Area

In 1989, the District opened a 23-acre recreation area along the Elkhorn River in northern Douglas County. The area was built in conjunction with the Elkhorn River Bank Stabilization Project. The area is open from April 1st to October 30th each year. The District will continue to operate and maintain the site.

40. Platte River Landing Recreation Area

In 1992, the District opened the Platte River Landing Recreation Area on the south side of Highway 64 on the east side of the Platte River. The site will be operated and maintained by the District in the future.

41. Prairie View Recreation Area

The District is developing an 80-acre site upstream of Dam Site 6 surrounding a water quality basin. The first phase of developing recreation facilities was completed in 2000. Phase 2 development was completed in 2002. The water quality basin was stocked with fish in 2000. This site opened in 2002.

42. Elkhorn River Access

In FY 2004, the District will conduct a study of the Elkhorn River throughout the District to identify and evaluate potential sites for canoe access to the river. The study is anticipated to be complete in 2003. Feasible sites will be constructed over the next several years.

43. Missouri River Corridor Project

The Missouri River Corridor Project is a multi-objective endeavor to:

1. renovate the decreasingly viable oxbow lakes and wetlands along the Missouri River for fish and wildlife habitat from South Sioux City (river mile 732) to the confluence with the Platte River (river mile 595),
2. identify and establish cultural and historical interpretation centers along the route (i.e. Lewis and Clark, Audubon, Native Americans, etc.),
3. provide, where appropriate, river and lake access and development for recreation.

Sites and priorities have been identified and initial engineering and design has been accomplished at several locations by the Corps of Engineers (COE) through Section 22 of PL 93-251 (Water Resources Development Act of 1974). This report was completed in October, 1989. Detailed designs, land rights and funding for specific sites may necessitate a cooperative effort with the District and the COE, NGPC, and other federal, state, local and/or private entities. Twelve (12) of the forty (40) sites investigated were given priority status for feasibility studies and possible implementation. Those sites were (in no particular order):

1. Blackbird Scenic Overview (Burt County)
2. Golden Spring (Burt County)
3. Boyer Chute (Washington County)
4. Lower Bullard Bend (Burt County, Nebraska and Harrison County, Iowa)
5. Glovers Point (Thurston County)
6. Hidden Lake Complex (Sarpy County)
7. California Bend (Washington County)
8. Hole-in-the-Rock (Thurston County)

9. Lower Decatur Bend (Burt County)
10. Missouri River Trails (District wide)
11. Omadi Bend (Dakota County)
12. Sandy Point (Washington County)

In 1992, the Blackbird Scenic Overview was completed and opened to the public. A maintenance agreement has been executed with the Omaha Tribe.

Construction of Boyer Chute was completed by the COE and the District in 1993 utilizing Section 1135 funding. Construction of public access facilities was completed by the District in 1995. The site was opened in 1996 and is now owned and operated by the U.S. Fish and Wildlife Service as the Boyer Chute National Wildlife Refuge. Handicap fishing piers were completed in 1997 by the District with funding support received from the Game and Parks Commission. FWS is working towards expanding the area to 10,000 acres from the original 2,000 acres.

The restoration of Hidden Lake/Great Marsh area near Bellevue by the COE, the Fontenelle Forest Association, and the District was completed in 1997. Funding assistance has been received from the Nebraska Environmental Trust Fund.

In 2002, land acquisition was completed on the 215 acre California Bend Project located north of Blair, Nebraska. Construction of the project is ongoing and anticipated for completion in 2004. A grant from the Nebraska Environmental Trust will be used to fund the District's share of the construction costs.

It is anticipated that land acquisition will be completed, and construction bids received, in FY 2004 for the 750 acre Lower Decatur Bend restoration project. This site is approximately three miles southeast of Decatur, Nebraska. This Corps of Engineers' Section 1135 environmental restoration project has received significant funding from the Nebraska Environmental Trust.

44. Back to the River Project

This initiative on the Missouri River examines the potential for recreation, fish and wildlife habitat restoration, and economic development on both sides of the river from the Burt/Washington County line south to the Platte River. The project is a cooperative effort between the Cities of Omaha, Council Bluffs, Blair and Bellevue, Douglas County, the Fontenelle Nature Association, the National Park Service, the U.S. Fish and Wildlife Service, the Environmental Protection Agency, and the District. In 1994, a feasibility study was conducted for this initiative. The District will continue to coordinate local efforts to implement this project.

A major component of Back to the River is a trail system along both sides of the Missouri River in Iowa and Nebraska. The trail system will complement the Missouri River Corridor Project, but currently is limited to Washington, Douglas, and Sarpy Counties. A

comprehensive plan and preliminary design for the system was completed in FY 2000. The trail segment from NP Dodge Park to OPPD will be completed in 2003. The next phase will extend the trail from OPPD south the Heartland of America Park and is scheduled for construction in 2004.

In 2004, the District anticipates designing the trail segment from N.P. Dodge Park north to the Douglas-Washington County line where it will connect to a trail to Boyer Chute National Wildlife Refuge that is included in the Washington County Road CR51 paving project. The Washington County project is anticipated for construction in 2004.

Another significant component is the construction of a signature, pedestrian bridge crossing the Missouri River into Council Bluffs, Iowa. The bridge will be a two-pier, cable stay bridge with a twenty-foot deck. It will be the longest pedestrian-only bridge in the country. Design of the bridge is anticipated to be complete in 2003, and bids accepted in January, 2004. It is anticipated that the construction of the bridge will occur over the next two years.

Also, a strategic plan was developed to define the future organizational structure and financial sustainability of the Back to the River effort. This plan culminated in the formation of the tax exempt, non-profit "Back to the River, Inc."

45. Rumsey Station Wetland

In the process of acquiring right-of-way for the West Branch Papio Project, a wetland site was identified. The Board authorized purchase of the site, located between 54th and 66th Streets on the south side of the creek near Rumsey Road, in 1994. The former West Branch channel will be preserved as a wetland for wildlife habitat. In 1995, additional lands were purchased utilizing Environmental Trust Funds. A concept plan for the entire site was completed in 1994. An agreement has been reached with a private partner (Nebraska Wildlife Rehab, Inc.) who will help develop, operate and maintain the site. A key component of the agreement is the development of an environmental education and wildlife rehabilitation facility at the site that is scheduled for completion in 2004.

46. Heron Haven Wetland

In 1992, the District entered into a cooperative agreement with the Omaha Chapter of the National Audubon Society to purchase and develop the Heron Haven Wetland located near 117th and West Maple Road. The District retains title to the land and the Audubon Society will develop, operate, and maintain the site.

In 1996, an additional 1.4 acres of land was jointly acquired on the northeast corner of the site. Funds have been obtained from Section 319 and the Nebraska Environmental Trust Fund to assist the Audubon Society in developing the site. In 1997, the District completed topographic mapping of the site. In 1998, a wetland trail and boardwalk was completed.

In 2000, funds from the Nebraska Department of Environmental Quality were used to remove debris that had been dumped at the site in the past. Also, the area was regraded and reseeded.

In 2004, the Corps of Engineers will be completing a preliminary restoration plan for the wetland. It is anticipated that the Corps will utilize Section 206 funds to improve the wetlands.

47. Wetlands Mitigation Bank

Commencing in 1996, the District investigated the establishment of a wetlands mitigation bank. A major partner in the development of the bank is the COE Regulatory Branch who will determine debits and credits available.

In 2003, the District increased the size of the wetlands at Rumsey Station for use as a mitigation bank. A policy was developed governing the sale of credits in the bank. Monitoring of the wetland will continue for at least the next three years.

In the future, additional wetland sites will be evaluated and developed for inclusion in the bank.

48. Conservation Easement Program

In 2001, the District established the Conservation Easement Program that provided the framework necessary for the acquisition of conservation easements on privately owned land exhibiting unique natural features.

49. Papio Trails Project

In 1989, the District approved a plan to construct recreational trails on flood control levees maintained by the District. In addition, trails would be included on all future levee construction projects.

In 1990-96, the District cost shared with the City of Omaha in the construction of Phases 1-4 of the Keystone Trail. The twelve mile trail is located along the east side of the Little and Big Papillion Creeks from Fort Street to Cornhusker Road. Funding for Phase 4 was received from the DOR through the ISTEA (Intermodal Surface Transportation Efficiency Act), which pays up to 80% of the costs of trail construction. Phase 5 of the Keystone was completed in 1998.

In 1991, Phase 1 of the Bellevue Loop Trail was completed between Haworth Park in Bellevue to Harlan Lewis Road. In 1992, Phase 2 of the trail was completed from Harlan Lewis Road to the Kennedy Freeway, making the total length of the trail approximately nine miles. In 1999, Phase 3, which connected the Keystone and Bellevue Loop Trails was constructed, completing the longest (27 miles) trail in the metro area.

In 2001, construction was completed on the Chalco Hills Connector and Field Club Phase 2 Trails projects, and initiated on the Platte River Connection (between Highways 31 and 66 utilizing the former Rock Island Railroad Bridge).

In 2002, construction of the Platte River Connection Project was completed, and initiated on the Big Papio (Center to Blondo) Trail Projects. The Big Papio Trail project was completed in 2003.

In 2004, the District anticipates the construction of the portions of the West Papio Trail between Papillion and Bellevue, between Oakbrook Meadows Park and Millard Avenue, and on the MoPac Trail (Springfield to the Platte River).

50. Recreation Area Development Program

This program, initiated in 1990, cost shares with units of government in the establishment and improvement of recreation sites in the District.

In FY 2003, funds spent for the following projects:

1. Blair (trail)
2. South Sioux City (trail shelters)
3. Bellevue (park development)
4. Elkhorn (trail)

In FY 2004, funds have been budgeted for the following projects:

1. Gretna (new park development)
2. Bellevue (park development)
3. Arlington (parkland acquisition)
4. Omaha (Kiwanis Park improvements)

In 2005-2008, the District will be cost-sharing with the City of Omaha with its Neighborhood Parks Renovation Program.

FISH AND WILDLIFE HABITAT

51. Nebraska WILD Program

The NGPC and NRDs throughout the state cooperate to create and improve wildlife habitat on private lands. The program provides for a portion of the revenue generated from the sale of habitat stamps to be used for payments to cooperating landowners that create or improve wildlife habitat areas.

52. Tree Planting Program

To encourage tree planting, the District maintains three tree planters, two of which are made available with a planting crew on a scheduled basis during the spring. The other planter is available to landowners on a rental basis.

During the past year, District personnel planted nearly 19,000 tree and shrub seedlings for 50 landowners. Plantings were made to establish or improve windbreaks and shelterbelts, provide wildlife habitat, or to establish Christmas tree plantations.

53. Branching Out Program

This program, a cooperative effort between the Omaha World-Herald, Douglas County, Omaha television station KMTV, the Nebraska Forest Service, the City of Omaha, the District, and many other public and private partners, was established in 1997 to replace trees lost an October snow storm that devastated trees in eastern Nebraska, and to encourage additional tree planting on public and private property. It provides funds for tree planting projects in the metropolitan Omaha area.

In 1998 - 2000, nearly 500,000 trees were planted under this program with the help of a \$1 million grant from the World-Herald Foundation.

WATER SUPPLY

54. Washington County Rural Water Supply Project

The District operates the system to provide a dependable supply of quality water to 385 rural households and the City of Fort Calhoun. Treated water is purchased from the Metropolitan Utilities District in Omaha.

In 2002-2003, the District conducted a feasibility study to determine the economic viability of expanding the service area for the project to the area north and west of Fort Calhoun.

55. Dakota County Rural Water Supply Project

The District delivers high quality water to 685 rural households in Dakota County. The system includes over 120 miles of pipeline that is maintained by the project. Treated water is purchased from Dakota City.

56. Thurston County Rural Water Supply Project

145 rural households of Thurston County are supplied with high quality water by this project. The system is located between the towns of Pender and Walthill, with treated water being purchased from the Town of Pender.

SOLID WASTE MANAGEMENT

57. Solid Waste and Recycling Program

The District is cooperating with the Nebraska State Recycling Association and MAPA (paint swap, etc) on developing markets for recycled products and alternative means to solid waste disposal. The District also participates with the Cooperative Extension to recycle plastic pesticide containers.

A major cooperative project is now underway to establish a household hazardous waste regional collection facility to serve residents of Douglas and Sarpy Counties. Construction of this facility was initiated in 2003, with completion scheduled for 2004.

PUBLIC INFORMATION

58. Information and Education Programs

In addition to the programs and projects described on the previous pages, the District also conducts a number of support activities as part of its Information and Education program. This is done to provide the public with accurate information on projects and programs and to develop an awareness and concern for natural resources conservation and management.

Major support activities include:

- a. Program Brochures - Informative brochures on Conservation Education, Walnut Creek Lake and Recreation Area, Back to the River, Conservation Cost-Sharing Programs, Chalco Hills, NRD Overview, Papio Trails, Wehrspann Lake Fishing, River Access, the Chalco Hills Nature Trail Guide, and the Chalco Hill Arboretum Guide have been published. These brochures will be updated and distributed as necessary.
- b. Newsletters - Publication of the SPECTRUM newsletter continues to be one of the District's main lines of communication. Over 8,500 copies are mailed to our partners.

The District also publishes the CONSERVNEWS as needed in cooperation with the NRCS. Approximately 6,000 households receive the newsletter which highlights programs available for owners and operators of farmland.

WATERLINE, a newsletter to customers of the District's rural water systems, and CULTIVATION, a newsletter for schoolteachers and administrators, are also published.

- c. Education Programs - The District is currently working with local teachers, environmental education specialists, and school administrators on the development of outdoor education curricula and field trips for school-age children at the Chalco Hills Recreation Area. Approximately 4,000 youth visit Chalco Hills, or take advantage of other NRD-sponsored education programs each year. The District is also a major supporter of Earth Day celebrations.

The District is involved with numerous youth education programs, including Water Works for students in Douglas and Sarpy Counties, Conservation Field Days at Summit Lake, Aquafest for students in Dakota and Thurston Counties, and the Nebraska Envirothon, an environmental competition for high school students.

- d. Teacher/School Grants - Three \$200 scholarships are awarded annually to area teachers who wish to continue their education in conservation related subjects. Grants are also given to develop outdoor classrooms at elementary and secondary schools in the District.
- e. Speakers Bureau - In response to requests from teachers and various civic groups, presentations are made concerning resource management. Thirty-five to forty presentations are made annually.
- f. Media Relations - Information is provided to the public, through the local media, by the District's media relations program. During the past year, articles appeared in the Omaha World-Herald and in local weekly papers. Also, contacts to radio and television stations resulted in coverage through those media.
- g. Web Site - Information about District programs and projects is also provided through an internet web site (www.papionrd.org)

FY 2003 Highlights:

- An annual report highlighting District activities was published in a Sunday edition of the Omaha World-Herald.
- The District's traveling display was set up and staffed at county fairs, Triumph of Agriculture, volunteer and educational conferences, and numerous outdoor recreation shows.
- Numerous outdoor recreation related special events were held and co-sponsored by the District at Chalco Hills.
- "Adopt-a-school" partner Benson West Elementary School received special attention with environmental fairs, contests, and presentations.
- Co-sponsored the regional Envirothon Competition and participated in the state contest.
- The District distributed over 10,000 tree seedlings and 35,000 wildflower seed packets to students and other groups.

- Operation PAYBAC partner, Anderson Middle School, received special attention with environmental programs, contests, and outdoor education.

Activities Planned for Fiscal Year 2004: FY 2004 will see the continuation of all of the activities mentioned above. New activities for FY 2004 include expansion of the volunteer program, updating Visitor Center exhibits, and the enhancement of the District's Internet Web Site (www.papionrd.org)

Activities Planned for Fiscal Year 2005 and Beyond: The District's Information and Education Program will continue to focus on previously established elements as well as establishing new efforts. Information programs will focus on better informing the public about District activities through media contacts and on-line information. Education programs will focus on teacher training on environmental conservation and the expanding programs at Chalco Hills through the use of volunteer naturalists.

IV. ASSESSMENT OF CURRENT NEEDS

To implement the FY 2004 objectives explained on the previous pages, the District has budgeted to provide the necessary financial and personnel resources. Tables 1 through 3 have been prepared to present this information in a simple manner.

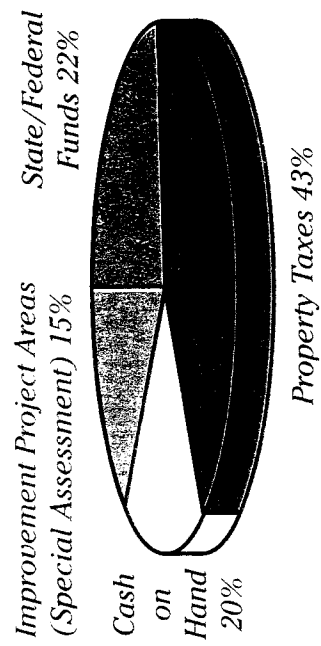
Land rights needs for FY 2004 are presented in Table 1. It identifies each project requiring land rights and the type of right to be acquired. Easements are acquired by negotiated donation, with the budgeted amount used for associated expenses (title searches, recording fees, filing fees, etc.).

Personnel needs have been estimated for FY 2004 based upon previous records and are provided in Table 2. Time requirements are projected in work-months. Although not specifically designated as "Program/Project Areas", two additional headings, "Information and Education" and "General Administration", have also been included to incorporate staff time not directly assigned to a specific program or project.

Table 3 reflects all expenditures contained in the FY 2004 Budget. Projected revenues are shown in Table 7.

The pie charts on the next page reflect a breakdown of the FY 2004 budgeted expenditures according to resources need categories, and FY 2004 budgeted revenues according to source.

FY04 Budgeted Revenues



FY04 Budgeted Expenditures

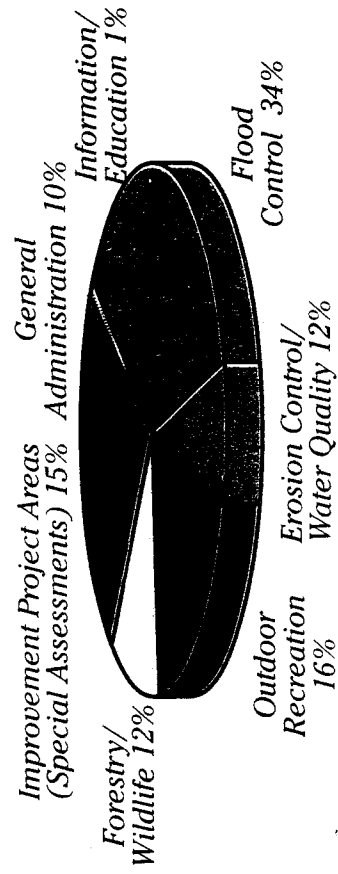


Table 1: FY 2004 Land Rights Needs.

Project	Type	Estimated Cost
1. Papio Trails	Fee Title/Easement	\$100,000
2. West Branch Channel Project	Fee Title	\$1,100,000
3. Papio Dam Sites	Fee Title	\$500,000
4. Missouri River Corridor Project	Fee Title	\$500,000
5. Channel Maintenance Program	Easement	\$4,000
6. Floodway Purchase Program	Fee Title	\$775,000
7. Western Sarpy Dike Project	Fee Title/Easement	\$2,040,000
8. Clean Lakes Program	Easement	Nominal
9. Silver Creek Watershed	Easement	Nominal
10. Pigeon Jones Creek Watershed	Easement	Nominal
11. Wildlife Habitat Program	As Contracted	\$25,000

Table 2. Fiscal Year 2004 - Personnel Needs (work months)

	Program/Project	FY 2004 Time Allocation
1.	Channel & Levee Maintenance Program	11.0
2.	West Branch Channel Project	15.0
3.	R-613 Levee	9.0
4.	R-616 Levee	1.5
5.	Union/No Name Dike	6.0
6.	Big Papio Channel Project	0.5
7.	Papio Dams (Sites 6 & 13)	2.0
8.	Little Papillion Channel Project	3.7
9.	Floodplain Management Program	7.5
10.	Floodway Purchase Program	2.0
11.	Flood Mitigation Planning Program	0.5
12.	Western Sarpy Dike Project	12.0
	a. Western Sarpy Improvement Project Area	0.2
13.	Pigeon/Elk Creek Drainage	1.5
	a. Pigeon/Elk Creek Improvement Project Area	0.1
14.	Small Flood Control Structure Program	0.5
15.	Urban Stormwater Program	5.0
16.	Offutt Drain	0.5
17.	Urban Drainageway Program	0.5
18.	Elkhorn Breakout IPA	0.1
19.	Emergency Flood Operations	6.0
20.	Conservation Assistance Program	15.0
21.	Buffer Strip Program	0.6
22.	Nebraska Soil & Water Conservation Program	1.0
23.	NRCS Assistance	55.0
24.	Urban Conservation Program	2.0
25.	a. Papillion Creek PL 566 Watershed	3.0
	b. Tekamah-Mud Creeks PL 566 Watershed	3.0
	c. Turtle Creek PL 566 Watershed	0.1
26.	Buffalo Creek Watershed	0.1
27.	County Road Structure Program	0.1
28.	Elkhorn River	0.1
29.	Elkhorn River IPA	1.0
30.	Native Grass Program	2.3
31.	Erosion & Sediment Control Program	0.3
32.	Streambed Stabilization Program	0.1
33.	Groundwater Management Program	2.0
34.	Chemigation Certification Program	0.5

Table 2. Fiscal Year 2004 - Personnel Needs (work months)

	Program/Project	FY 2004 Time Allocation
35.	Well Abandonment Program	1.5
36.	Clean Lakes Projects	1.8
37.	Lower Platte River Corridor Alliance	2.0
38.	Chalco Hills Recreation Area	64.0
39.	Walnut Creek Lake & Recreation Area	40.0
40.	Elkhorn Crossing Recreation Area	1.0
41.	Platte River Landing Recreation Area	1.0
42.	Prairie View Recreation Area	4.0
43.	Elkhorn River Canoe Access Study	1.0
44.	Missouri River Corridor Project	6.0
45.	Back to the River	6.0
46.	Rumsey Station Wetland	1.0
47.	Heron Haven Wetland	1.0
48.	Wetlands Mitigation Bank	3.0
49.	Conservation Easement Program	0.3
50.	Papio Trails Project	6.0
51.	Recreation Area Development Program	0.4
52.	Nebraska WILD Program	2.0
53.	Tree Planting Program	12.0
54.	Washington County Rural Water	11.0
55.	Dakota County Rural Water	32.0
56.	Thurston County Rural Water	6.0
57.	Solid Waste/Recycling Program	1.0
58.	Information/Education Programs	26.0
59.	General Administration	155.0
	Totals	556.3

Table 3. Fiscal Year 2004 Projected Expenditures by Program or Project (x \$1,000).

	Program/Project	Personnel Costs	Operating Costs	Professional Services	Land Rights	Construction	Totals
1.	Channel & Levee Maintenance Program	\$54.0		\$25.0	\$4.0	\$243.0	\$326.0
2.	West Branch Channel Project	\$73.7		\$130.0	\$1,100.0	\$193.0	\$1,496.7
3.	R-613 Levee	\$44.2	\$2.0			\$29.0	\$75.2
4.	R-616 Levee	\$7.4				\$4.0	\$11.4
5.	Union/No Name Dike	\$29.5				\$94.0	\$123.5
6.	Big Papio Channel Project	\$2.5	\$523.9				\$526.4
7.	Papio Dams (Sites 6 and 13)	\$9.8		\$252.0	\$500.0		\$761.8
8.	Little Papillion Channel Project	\$18.2					\$18.2
9.	Floodplain Management Program	\$36.7		\$400.0			\$436.7
10.	Floodway Purchase Program	\$9.8		\$2.0	\$775.0	\$25.0	\$811.8
11.	Flood Mitigation Planning Program	\$2.5		\$20.0			\$22.5
12.	Western Sarpy Dike Project	\$59.0		\$780.0	\$2,040.0		\$2,879.0
	a. Improvement Project Area	\$1.0	\$64.5				\$65.5
13.	Pigeon/Elk Creek Drainage	\$7.4				\$70.0	\$77.4
	a. Improvement Project Area	\$0.5	\$207.0				\$207.5
14.	Small Flood Control Structure Program	\$2.5		\$22.0			\$24.5
15.	Urban Stormwater Program	\$24.6		\$345.0			\$369.6
16.	Offutt Drain	\$2.5					\$2.5
17.	Urban Drainage Program	\$2.5				\$344.0	\$346.5
18.	Elkhorn River Breakout IPA	\$0.5	\$5.1				\$5.6
19.	Emergency Flood Operations	\$29.5		\$159.9		\$5.0	\$194.4
20.	Conservation Assistance Program	\$73.7				\$845.9	\$919.6
21.	Buffer Strip Program	\$2.9				\$22.0	\$24.9
22.	Nebraska Soil & Water Conservation Prog.	\$4.9					\$4.9
23.	NRCS Assistance	\$270.2					\$270.2
24.	Urban Conservation Program	\$9.8				\$8.1	\$17.9

Table 3. Fiscal Year 2004 Projected Expenditures by Program or Project (x \$1,000).

	Program/Project	Personnel Costs	Operating Costs	Professional Services	Land Rights	Construction	Totals
25.	a. Papillion Creek PL 566 Watershed	\$14.7		\$7.5			\$22.2
	b. Tekamah-Mud Creek PL 566 Watershed	\$14.7				\$20.0	\$34.7
	c. Turtle Creek PL 566 Watershed	\$0.5					\$0.5
26.	Buffalo Creek Watershed	\$0.5					\$0.5
27.	County Road Structure Program	\$0.5					\$0.5
28.	Elkhorn River	\$0.5					\$0.5
29.	Elkhorn River IPA	\$4.9	\$80.0				\$84.9
30.	Native Grass Program	\$11.3					\$11.3
31.	Erosion & Sediment Control Program	\$1.5					\$1.5
32.	Streambed Stabilization Program	\$0.5					\$0.5
33.	Groundwater Management Program	\$9.8		\$41.5			\$51.3
34.	Chemigation Certification Program	\$2.5	\$0.1				\$2.6
35.	Well Abandonment Program	\$7.4				\$35.0	\$42.4
36.	Clean Lakes Projects	\$8.8		\$18.0		\$250.0	\$276.8
37.	Lower Platte River Corridor Alliance	\$9.8	\$27.7	\$17.0			\$54.5
38.	Chalco Hills Recreation Area	\$314.4	\$130.0	\$15.0		\$20.0	\$479.4
39.	Walnut Creek Lake & Recreation Area	\$196.5	\$113.5			\$125.0	\$435.0
40.	Elkhorn Crossing Recreation Area	\$4.9	\$10.0				\$14.9
41.	Platte River Landing Recreation Area	\$4.9	\$10.0				\$14.9
42.	Prairie View Recreation Area	\$19.7	\$10.0				\$29.7
43.	Elkhorn River Access Study	\$4.9		\$50.0			\$54.9
44.	Missouri River Corridor Project	\$29.5		\$193.5	\$500.0	\$1,251.5	\$1,974.5
45.	Back to the River	\$29.5		\$25.0		\$647.5	\$702.0
46.	Rumsey Station Wetland	\$4.9		\$0.5			\$5.4
47.	Heron Haven Wetland	\$4.9		\$0.5		\$1.5	\$6.9
48.	Wetlands Mitigation Bank	\$14.7		\$28.0	\$60.0		\$102.7

Table 3. Fiscal Year 2004 Projected Expenditures by Program or Project (x \$1,000).

	Program/Project	Personnel Costs	Operating Costs	Professional Services	Land Rights	Construction	Totals
49.	Conservation Easement Program	\$1.5					\$1.5
50.	Papio Trails Project	\$29.5		\$240.0	\$100.0	\$2,525.0	\$2,894.5
51.	Recreation Area Development Program	\$2.0				\$303.5	\$305.5
52.	Nebraska WILD Program	\$9.8			\$35.0		\$44.8
53.	Tree Planting Program	\$59.0	\$15.0				\$74.0
54.	Washington County Rural Water	\$54.0	\$1,288.6				\$1,342.6
55.	Dakota County Rural Water	\$157.2	\$839.9				\$997.1
56.	Thurston County Rural Water	\$29.5	\$826.6				\$856.1
57.	Solid Waste/Recycling Program	\$4.9		\$20.0			\$24.9
58.	Information/Education Programs	\$127.7	\$155.7				\$283.4
59.	General Administration	\$761.4	\$1,839.0	\$191.0			\$2,791.4
	Totals	\$2,733.0	\$6,148.6	\$2,983.4	\$5,114.0	\$7,062.0	\$24,041.0

V. PROJECTED NEEDS

Projections of land rights needs (Table 4), personnel needs (Table 5), and financial needs (Tables 6 and 7) for the next five fiscal years are included.

This material has been developed in an attempt to project activities of the District over the coming years. Undoubtedly, many new program ideas will be presented in this time frame through specific requests to the Board, new state or federal cost sharing programs, or other methods, which will result in new activities not presently anticipated.

The information presented in these tables does not reflect budgetary obligations of the District. It is presented as a means to quantify District involvement with various programs and projects.

As shown in Table 7, it is anticipated that general property tax will continue to be the primary source of revenues for District programs and projects. It is projected that property tax revenues will increase each year reflective of changes in property values in the District.

Tables 5, 6, and 7 include projections for new flood control, erosion control, and recreation/wildlife projects. The new flood control project is anticipated to be another public/private flood control reservoir.

The new erosion control project is anticipated to be the Pigeon/Jones Creek Watershed in Dakota County. This project would include grade stabilization structures similar to Buffalo Creek Watershed in Sarpy County. Again, the Resources Development Fund is the anticipated revenue source.

A new recreation/wildlife project is anticipated in the future. Although a specific site has not been identified, it is anticipated that the Environmental Trust Fund would be a major source of funds.

Table 4: Projected Land Rights Needs – FY 2005-2009.

Table 4a. Projected Land Rights Needs for Fiscal Year 2005

Project	Type	Estimated Cost
1. Papillion Creek PL 566 Project	Easement	\$120,000
2. Papio Trails Project	Fee Title	\$195,000
3. Missouri River Corridor Project	Fee Title	\$250,000
4. Big Papio Channel Project	Fee Title	\$500,000
5. Floodway Purchase Program	Fee Title	\$95,000
6. Channel Maintenance Program	Easement	\$15,000
7. Western Sarpy Dike Project	Easement	\$100,000
8. Elkhorn River Canoe Access	Title	\$20,000
9. Nebraska WILD Program	Easement	\$45,000

Table 4b. Projected Land Rights Needs for Fiscal Year 2006

Project	Type	Estimated Cost
1. Papillion Creek PL 566 Project	Easement	\$75,000
2. Papio Trails Project	Fee Title	\$195,000
3. Missouri River Corridor Project	Fee Title	\$250,000
4. Back to the River Project	Easement	\$250,000
5. Big Papio Channel Project	Fee Title	\$200,000
6. Floodway Purchase Program	Fee Title	\$95,000
7. Channel Maintenance Program	Easement	\$15,000
8. Western Sarpy Dike Project	Easement	\$20,000
9. Elkhorn River Canoe Access	Title	\$20,000
10. Nebraska WILD	Easement	\$45,000

Table 4c. Projected Land Rights Needs for Fiscal Year 2007

Project	Type	Estimated Cost
1. Papillion Creek PL 566 Project	Easement	\$75,000
2. Papio Trails Project	Fee Title	\$195,000
3. Missouri River Corridor Project	Fee Title	\$250,000
4. Back to the River Project	Easement	\$250,000
5. Big Papio Channel Project	Fee Title	\$200,000
6. Floodway Purchase Program	Fee Title	\$95,000
7. Channel Maintenance Program	Easement	\$15,000
8. Western Sarpy Dike Project	Easement	\$10,000
9. Elkhorn River Canoe Access	Title	\$20,000
10. Nebraska WILD	Easement	\$45,000

Table 4d. Projected Land Rights Needs for Fiscal Year 2008.

Project	Type	Estimated Cost
1. Papillion Creek PL 566 Project	Easement	\$75,000
2. Papio Trails Project	Fee Title	\$150,000
3. Missouri River Corridor Project	Fee Title	\$250,000
4. Back to the River Project	Easement	\$250,000
5. Big Papio Channel Project	Fee Title	\$200,000
6. Floodway Purchase Program	Fee Title	\$95,000
7. Elkhorn River Canoe Access	Fee Title	\$20,000
8. Nebraska WILD	Easement	\$45,000
9. Channel Maintenance Program	Easement	\$15,000

Table 4e. Projected Land Rights Needs for Fiscal Year 2009

Project	Type	Estimated Cost
1. Papillion Creek PL 566 Project	Easement	\$75,000
2. Papio Trails Project	Fee Title	\$150,000
3. Missouri River Corridor Project	Fee Title	\$250,000
4. Back to the River Project	Easement	\$250,000
5. Big Papio Channel Project	Fee Title	\$200,000
6. Floodway Purchase Program	Fee Title	\$95,000
7. Nebraska WILD	Easement	\$45,000
8. Channel Maintenance Program	Easement	\$15,000

Table 5. Projected Personnel Needs for Fiscal Years 2004-2009 (work months).

	Program/Project	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
1.	Channel & Levee Maintenance Program	11.0	12.0	12.0	13.0	13.0	14.0
2.	West Branch Channel Project	15.0	28.0	28.0	28.0	28.0	28.0
3.	R-613 Levee	9.0	9.0	9.0	9.0	9.0	9.0
4.	R-616 Levee	1.5	1.5	1.5	1.5	1.5	1.5
5.	Union Dike	6.0	6.0	6.0	6.0	6.0	6.0
6.	Big Papio Channel Project	0.5	0.5	-----	-----	-----	-----
7.	Papio Dams (13 & others)	2.0	2.0	2.0	2.0	2.0	2.0
8.	Little Papillion Channel Project	3.7	3.7	3.7	3.7	3.7	3.7
9.	Floodplain Management Program	7.5	7.5	7.5	7.5	6.0	6.0
10.	Floodway Purchase Program	2.0	2.0	2.0	2.0	2.0	2.0
11.	Flood Mitigation Planning Program	0.5	0.5	0.5	0.5	0.5	0.5
12.	Western Sarpy Dike Project	12.0	12.0	8.0	8.0	8.0	8.0
	a. Improvement Project Area	0.2	0.2	0.2	0.2	0.2	0.2
13.	Pigeon/Elk Creek Drainage	1.5	1.5	1.5	1.5	1.5	1.5
	a. Pigeon/Elk Creek IPA	0.1	0.1	0.1	0.1	0.1	0.1
14.	Small Flood Control Program	0.5	0.5	1.0	1.0	1.0	1.0
15.	Urban Stormwater Program	5.0	5.0	5.0	7.0	7.0	7.0
16.	Offutt Drain Project	0.5	0.5	0.5	0.5	0.5	0.5
17.	Urban Drainage Program	0.5	0.5	0.5	0.5	0.5	0.5
18.	Elkhorn River Breakout IPA	0.1	0.1	0.1	0.1	0.1	0.1
19.	Emergency Flood Operations	6.0	6.0	6.0	6.0	6.0	6.0
20.	New Flood Control Project			5.0	30.0	30.0	30.0
21.	Conservation Assistance Program	15.0	15.0	15.0	15.0	15.0	15.0
22.	Buffer Strip Program	0.6	0.6	0.6	0.6	0.6	0.6
23.	Nebraska Soil & Water Conservation Prog.	1.0	1.0	1.0	1.0	1.0	1.0
24.	NRCS Assistance	55.0	55.0	55.0	55.0	55.0	55.0
25.	Urban Conservation Program	2.0	2.0	2.0	2.0	2.0	2.0

Table 5. Projected Personnel Needs for Fiscal Years 2004-2009 (work months).

	Program/Project	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
26.	a. Papillion Creek PL 566 Watershed	3.0	3.0	3.0	3.0	3.0	3.0
	b. Tekamah-Mud Creek PL 566 Watershed	3.0	3.0	3.0	3.0	3.0	3.0
	c. Turtle Creek PL 566 Watershed	0.1	0.1	0.1	0.1	0.1	0.1
27.	Buffalo Creek Watershed	0.1	0.5	0.5	0.5	0.5	0.5
28.	County Road Structure Program	0.1	0.1	0.1	0.1	0.1	0.1
29.	Elkhorn River	0.1	0.1	0.1	0.1	0.1	0.1
30.	Elkhorn River IPA	1.0	1.0	1.0	1.0	1.0	1.0
31.	Native Grass Program	2.3	2.3	2.3	2.3	2.3	2.3
32.	Erosion & Sediment Control Program	0.3	0.3	0.3	0.3	0.3	0.3
33.	Streambed Stabilization Program	0.1	0.1	0.1	0.1	0.1	0.1
34.	New Erosion Control Project		2.0	6.0	6.0	6.0	6.0
35.	Groundwater Management Program	2.0	2.0	2.0	2.0	2.0	2.0
36.	Chemigation Certification Program	0.5	0.5	0.5	0.5	0.5	0.5
37.	Well Abandonment Program	1.5	1.5	1.5	1.5	1.5	1.5
38.	Clean Lakes Projects	1.8	1.8	1.8	1.8	1.8	1.8
39.	Lower Platte River Corridor Alliance	2.0	2.0	2.0	2.0	2.0	2.0
40.	Chalco Hills Recreation Area	64.0	64.0	64.0	64.0	64.0	64.0
41.	Walnut Creek Lake & Recreation Area	40.0	40.0	40.0	40.0	40.0	40.0
42.	Elkhorn Crossing Recreation Area	1.0	1.0	1.0	1.0	1.0	1.0
43.	Platte River Landing Recreation Area	1.0	1.0	1.0	1.0	1.0	1.0
44.	Prairie View Recreation Area	4.0	4.0	4.0	4.0	4.0	4.0
45.	Elkhorn River Access	1.0	2.0	2.0	1.0	1.0	1.0
46.	Missouri River Corridor Project	6.0	6.0	6.0	6.0	6.0	6.0
47.	Back to the River	6.0	6.0	6.0	6.0	6.0	6.0
48.	Rumsey Station Wetland	1.0	1.0	1.0	1.0	1.0	1.0
49.	Heron Haven Wetland	1.0	1.0	1.0	1.0	1.0	1.0
50.	Wetlands Mitigation Bank	3.0	3.0	3.0	3.0	3.0	3.0

Table 5. Projected Personnel Needs for Fiscal Years 2004-2009 (work months).

	Program/Project	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
51.	Conservation Easement Program	0.3	0.3	0.3	0.3	0.3	0.3
52.	Papio Trails Project	6.0	6.0	6.0	6.0	6.0	6.0
53.	Recreation Area Development Program	0.4	0.4	0.4	0.4	0.4	0.4
54.	Nebraska WILD Program	2.0	2.0	2.0	2.0	2.0	2.0
55.	Tree Planting Program	12.0	12.0	12.0	12.0	12.0	12.0
56.	New Wildlife/Recreation Project		3.0	3.0	3.0	3.0	3.0
57.	Washington County Rural Water	11.0	11.0	11.0	11.0	11.0	11.0
58.	Dakota County Rural Water	32.0	32.0	32.0	32.0	32.0	32.0
59.	Thurston County Rural Water	6.0	6.0	6.0	6.0	6.0	6.0
60.	Solid Waste/Recycling Program	1.0	1.0	1.0	1.0	1.0	1.0
61.	Information/Education Programs	26.0	26.0	26.0	26.0	26.0	26.0
62.	General Administration	155.0	155.0	155.0	155.0	155.0	155.0
	Totals	556.3	581.7	586.7	608.7	607.2	608.2

Table 6. Projected Expenditures by Program or Project for Fiscal Years 2004-2009 (x\$1,000).

	Program/Project	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
1.	Channel & Levee Maintenance Program	\$326.0	\$289.0	\$290.2	\$296.6	\$297.9	\$304.6
2.	West Branch Channel Project	\$1,496.7	\$505.0	\$367.8	\$365.6	\$216.0	\$91.0
3.	R-613 Levee	\$75.2	\$83.0	\$83.9	\$84.8	\$85.7	\$86.6
4.	R-616 Levee	\$11.4	\$14.5	\$14.7	\$14.9	\$15.1	\$15.3
5.	Union Dike	\$123.5	\$54.0	\$54.6	\$55.2	\$55.8	\$56.4
6.	Big Papio Channel Project	\$526.4	\$527.5	-----	-----	-----	-----
7.	Papio Dams (13 & others)	\$761.8	\$1,013.0	\$1,363.2	\$1,062.4	\$1,062.6	\$1,062.8
8.	Little Papillion Channel Project	\$18.2	\$45.0	\$45.4	\$45.8	\$46.2	\$46.6
9.	Floodplain Management Program	\$436.7	\$337.5	\$338.3	\$339.1	\$340.0	\$340.8
10.	Floodway Purchase Program	\$811.8	\$720.0	\$720.2	\$670.4	\$570.6	\$470.8
11.	Flood Mitigation Planning Program	\$22.5	\$42.5	\$52.5	\$52.6	\$77.6	\$77.7
12.	Western Sarpy Dike Project	\$2,879.0	\$715.0	\$50.8	\$51.6	\$52.4	\$53.2
	a. Improvement Project Area	\$65.5	\$65.5	\$65.5	\$65.5	\$65.5	\$65.5
13.	Pigeon/Elk Creek Drainage	\$77.4	\$27.5	\$27.7	\$92.9	\$28.1	\$28.3
	a. Pigeon/Elk Creek IPA	\$207.5	\$50.0	\$50.0	\$50.0	\$50.0	\$50.0
14.	Small Flood Control Program	\$24.5	\$187.5	\$360.1	\$410.2	\$410.3	\$410.4
15.	Urban Stormwater Program	\$369.6	\$775.0	\$775.5	\$1,036.4	\$1,037.1	\$1,037.8
16.	Offutt Drain Project	\$2.5	\$4.5	\$4.5	\$4.6	\$4.6	\$4.7
17.	Urban Drainage Program	\$346.5	\$502.5	\$502.5	\$502.6	\$502.6	\$502.7
18.	Elkhorn River Breakout IPA	\$5.6	\$5.7	\$5.8	\$5.9	\$6.0	\$6.1
19.	Emergency Flood Operations	\$194.4	\$190.0	\$190.6	\$191.2	\$191.8	\$192.4
20.	New Flood Control Project		\$750.0	\$1,000.0	\$1,000.0	\$1,000.0	\$1,000.0
21.	Conservation Assistance Program	\$919.6	\$925.0	\$926.5	\$928.0	\$929.5	\$931.0
22.	Buffer Strip Program	\$24.9	\$25.0	\$25.1	\$25.1	\$25.2	\$25.2
23.	Nebraska Soil & Water Conservation Prog.	\$4.9	\$5.0	\$5.1	\$5.2	\$5.3	\$5.4
24.	NRCS Assistance	\$270.2	\$275.0	\$280.5	\$286.0	\$291.5	\$297.0
25.	Urban Conservation Program	\$17.9	\$60.0	\$60.2	\$60.4	\$60.6	\$60.8

Table 6. Projected Expenditures by Program or Project for Fiscal Years 2004-2009 (x\$1,000).

	Program/Project	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
26.	a. Papillion Creek PL 566 Watershed	\$22.2	\$67.0	\$67.3	\$45.6	\$45.9	\$46.4
	b. Tekamah-Mud Creek PL 566 Watershed	\$34.7	\$35.0	\$35.3	\$35.6	\$35.9	\$36.2
	c. Turtle Creek PL 566 Watershed	\$0.5	\$0.5	\$0.5	\$0.5	\$0.5	\$0.5
27.	Buffalo Creek Watershed	\$0.5	\$7.5	\$7.5	\$7.6	\$7.6	\$7.7
28.	County Road Structure Program	\$0.5	\$100.5	\$100.5	\$100.5	\$100.5	\$100.5
29.	Elkhorn River	\$0.5	\$0.5	\$0.5	\$0.5	\$0.5	\$0.5
30.	Elkhorn River IPA	\$84.9	\$87.0	\$89.0	\$91.0	\$93.0	\$95.0
31.	Native Grass Program	\$11.3	\$11.5	\$11.7	\$11.9	\$12.1	\$12.3
32.	Erosion & Sediment Control Program	\$1.5	\$1.5	\$1.5	\$1.6	\$1.6	\$1.7
33.	Streambed Stabilization Program	\$0.5	\$0.5	\$0.5	\$0.5	\$0.5	\$0.5
34.	New Eros. Cont. Project		\$750.0	\$1,000.0	\$1,000.0	\$1,000.0	\$1,000.0
35.	Groundwater Management Program	\$51.3	\$50.0	\$50.2	\$50.4	\$50.6	\$50.8
36.	Chemigation Certification Program	\$2.6	\$2.6	\$2.6	\$2.6	\$2.7	\$2.7
37.	Well Abandonment Program	\$42.4	\$42.5	\$42.7	\$42.9	\$43.1	\$43.3
38.	Clean Lakes Projects	\$276.8	\$259.0	\$309.2	\$309.4	\$309.6	\$309.8
39.	Lower Platte River Corridor Alliance	\$54.5	\$60.0	\$61.0	\$62.0	\$62.0	\$63.0
40.	Chalco Hills Recreation Area	\$479.4	\$447.0	\$453.4	\$469.8	\$476.2	\$487.6
41.	Walnut Creek Lake & Recreation Area	\$435.0	\$306.0	\$310.0	\$314.0	\$318.0	\$322.0
42.	Elkhorn Crossing Recreation Area	\$14.9	\$8.0	\$8.1	\$8.2	\$8.3	\$8.4
43.	Platte River Landing Recreation Area	\$14.9	\$12.7	\$8.3	\$8.4	\$8.5	\$8.6
44.	Prairie View Recreation Area	\$29.7	\$27.8	\$23.5	\$23.9	\$24.3	\$24.7
45.	Elkhorn River Access	\$54.9	\$280.0	\$355.2	\$325.2	\$150.3	\$15.4
46.	Missouri River Corridor Project	\$1,974.5	\$1,085.0	\$1,085.6	\$1,086.2	\$1,086.8	\$1,087.4
47.	Back to the River	\$702.0	\$705.0	\$706.0	\$707.0	\$708.0	\$709.0
48.	Rumsey Station Wetland	\$5.4	\$5.5	\$5.6	\$5.7	\$5.8	\$5.9
49.	Heron Haven Wetland	\$6.9	\$5.5	\$5.6	\$5.7	\$5.8	\$5.9
50.	Wetlands Mitigation Bank	\$102.7	\$93.0	\$143.3	\$143.6	\$143.9	\$144.2

Table 6. Projected Expenditures by Program or Project for Fiscal Years 2004-2009 (x\$1,000).

	Program/Project	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
51.	Conservation Easement Program	\$1.5	\$26.5	\$26.5	\$26.6	\$26.6	\$26.7
52.	Papio Trails Project	\$2,894.5	\$1,230.0	\$1,230.6	\$1,231.2	\$1,231.8	\$1,232.4
53.	Recreation Area Development Program	\$305.5	\$352.0	\$352.0	\$352.1	\$352.1	\$150.2
54.	Nebraska WILD Program	\$44.8	\$50.0	\$50.0	\$50.0	\$50.0	\$50.0
55.	Tree Planting Program	\$74.0	\$75.0	\$76.2	\$77.4	\$78.6	\$79.8
56.	New Wildlife/Recreation Project		\$750.0	\$750.0	\$950.0	\$950.0	\$950.0
57.	Washington County Rural Water	\$1,342.6	\$2,500.0	\$990.0	\$1,000.0	\$1,010.0	\$1,020.0
58.	Dakota County Rural Water	\$997.1	\$1,000.0	\$1,020.0	\$1,040.0	\$1,060.0	\$1,080.0
59.	Thurston County Rural Water	\$856.1	\$860.0	\$865.0	\$870.0	\$875.0	\$880.0
60.	Solid Waste/Recycling Program	\$24.9	\$25.0	\$25.1	\$25.2	\$25.3	\$25.4
61.	Information/Education Programs	\$283.4	\$290.0	\$297.6	\$305.2	\$312.8	\$320.4
62.	General Administration	2,791.40	2,800.00	2,900.00	3,000.00	3,100.00	3,200.00
	Totals	\$24,041.0	\$22,603.8	\$21,128.8	\$21,491.0	\$21,202.2	\$20,828.0

Table 7. Projected Revenue by Source (x \$1000).

Source of Revenue	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
CASH ON HAND	\$3,246.1	2,100.2	2,165.6	2,028.2	1,452.3	841.0
STATE FUNDS:						
Resources Development Fund:						
Western Sarpy Dike	\$1,857.3	\$500.0	-----	-----	-----	-----
New Erosion/Flood Control Project		-----	\$500.0	\$500.0	\$500.0	\$500.0
Nebraska Emergency Management:						
Floodway Purchase Program	\$45.0	\$100.0	\$200.0	\$200.0	\$200.0	\$200.0
Nebraska WILD	\$12.0	\$50.0	\$50.0	\$50.0	\$50.0	\$50.0
DEQ:						
Clean Lakes/319 Funds	\$200.0	\$200.0	\$200.0	\$200.0	\$200.0	\$200.0
LB 71 Funds	-----	\$50.0	\$50.0	\$50.0	\$50.0	\$50.0
Government Subdivision State Aid	\$504.4	\$505.0	\$505.0	\$505.0	\$505.0	\$505.0
DOR/NGPC - TEA-21	\$1,000.0	\$500.0	\$500.0	\$500.0	\$500.0	\$500.0
Environmental Trust Fund:						
Missouri River Corridor	\$1,150.0	\$500.0	\$500.0	\$500.0	\$500.0	\$500.0
Back to the River	-----	\$250.0	\$250.0	\$250.0	\$250.0	\$250.0
Clean Lakes Program	-----	\$50.0	\$50.0	\$50.0	\$50.0	\$50.0
New Wildlife/Recreation Project	-----	\$150.0	\$150.0	\$150.0	\$150.0	\$150.0
Sport Fish & Wildlife Restoration						
Elkhorn River Canoe Access	-----	\$50.0	\$50.0	\$50.0	\$50.0	\$50.0
Buffer Strip Program	\$22.0	\$22.0	\$22.0	\$22.0	\$22.0	\$22.0
Well Abandonment Program	\$18.0	\$10.0	\$10.0	\$10.0	\$10.0	\$10.0
Natural Resources Water Quality Fund	\$50.0	\$50.0	\$50.0	\$50.0	\$50.0	\$50.0

Table 7. Projected Revenue by Source (x \$1000).

Source of Revenue	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
FEDERAL FUNDS:						
FEMA - Cooperative Technical Partners	\$400.0	\$300.0	\$300.0	\$300.0	\$300.0	\$300.0
LOCAL FUNDS:						
Papio Creek Watershed Partnership	\$298.0	\$600.0	\$600.0	\$800.0	\$800.0	\$800.0
City of Omaha:						
Flood Warning	\$3.0	\$3.0	\$3.0	\$3.0	\$3.0	\$3.0
Stormwater Fees	-----					
Douglas County:						
Ice Jam Agreement	\$20.0	\$20.0	\$20.0	\$20.0	\$20.0	\$20.0
Flood Warning	\$20.0	\$20.0	\$20.0	\$20.0	\$20.0	\$20.0
Floodway Purchase	-----	\$25.0	\$25.0	\$25.0	\$25.0	\$25.0
Sarpy County:						
Floodway Purchase	\$15.0	\$15.0	\$15.0	\$15.0	\$15.0	\$15.0
Ice Jam Agreement	\$20.0	\$20.0	\$20.0	\$20.0	\$20.0	\$20.0
Flood Warning	\$4.0	\$4.0	\$4.0	\$4.0	\$4.0	\$4.0
Western Sarpy	\$130.0	\$130.0	-----	-----	-----	-----
Washington County (Flood Warning)	\$2.0	\$2.0	\$2.0	\$2.0	\$2.0	\$2.0
Saunders County (Ice Jam Agreement)	\$7.5	\$7.5	\$7.5	\$7.5	\$7.5	\$7.5
Cass County (Ice Jam Agreement)	\$2.5	\$2.5	\$2.5	\$2.5	\$2.5	\$2.5
Lower Platte South NRD:						
Ice Jam Agreement	\$15.0	\$15.0	\$15.0	\$15.0	\$15.0	\$15.0
Western Sarpy	\$169.2	\$170.0	-----	-----	-----	-----
Lower Platte North NRD:						
Ice Jam Agreement	\$5.0	\$5.0	\$5.0	\$5.0	\$5.0	\$5.0
Western Sarpy	\$200.0	\$200.0	-----	-----	-----	-----

Table 7. Projected Revenue by Source (x \$1000).

Source of Revenue	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
PRIVATE FUNDS:						
Wetland Mitigation Bank	\$47.5	\$50.0	\$50.0	\$100.0	\$150.0	\$150.0
Small Flood Control Structure Prog.	\$5.0	\$45.0	\$87.5	\$100.0	\$100.0	\$100.0
INVESTMENT INCOME	\$27.5	\$27.5	\$27.5	\$27.5	\$27.5	\$27.5
SPECIAL ASSESSMENTS:						
Washington County Rural Water	\$1,342.6	\$2,500.0	\$990.0	\$1,000.0	\$1,010.0	\$1,020.0
Dakota County Rural Water	\$997.1	\$1,000.0	\$1,020.0	\$1,040.0	\$1,060.0	\$1,080.0
Thurston County Rural Water	\$856.1	\$860.0	\$865.0	\$870.0	\$875.0	\$880.0
Elkhorn River IPA	\$84.9	\$87.0	\$89.0	\$91.0	\$93.0	\$95.0
Elkhorn River Breakout IPA	\$5.6	\$5.6	\$5.7	\$5.8	\$5.9	\$6.0
Western Sarpy IPA	\$65.5	\$65.5	\$65.5	\$65.5	\$65.5	\$65.5
Elk/Pigeon Creek Drainage Dist. IPA	\$207.5	\$50.0	\$50.0	\$50.0	\$50.0	\$50.0
GENERAL PROPERTY TAX	\$10,701.2	\$11,000.00	\$11,300.00	\$11,500.00	\$11,700.00	\$11,900.00
RENTAL INCOME	\$178.0	\$180.0	\$180.0	\$180.0	\$180.0	\$180.0
MISCELLANEOUS INCOME:	\$106.5	\$107.0	\$107.0	\$107.0	\$107.0	\$107.0
TOTAL	\$24,041.0	\$22,603.8	\$21,128.8	\$21,491.0	\$21,202.2	\$20,828.0

Memorandum

To: FEL Subcommittee

Subject: Walnut Creek Camping Fees

Date: Oct. 7th, 2003

From: Randy Lee Assistant Park Superintendent

The Walnut Creek campground has seen significant growth over the past 4 ½ years. We have also made significant improvements to the campground over this time with the addition of a playground and shelter. The District has maintained a level fee for overnight stays at \$12.00 since the opening of the campground which is still the most reasonable in the area.

In August the State of Nebraska Department of Revenue began taxing certain services such as labor and in our case tax on camping. Also with the increased business we have hit peaks in our electrical use which has caused OPPD to change our fee structure from a non-demand to a demand service for the period of one year. With this change our kilowatt charge has been lowered but we are required to pay a ratchet fee of approximately \$190.00 plus any electric use through the winter period of Oct. 1 – May 31. During the summer of 2002 we also hit the peak use but staff was able to have that removed until the peak was surpassed again.

With this modest fee increase we would stay competitive with other campgrounds in the area and also be fair to our customers.

Management recommends that the subcommittee recommend to the Board that the General Manager make a policy change to the camping fee from \$12.00 to \$14.00 per night subject to approval as to form by the District Legal Counsel

Campground Fee Comparison:

KOA Campground	\$27.50	Water, Electric, Sewer
I-80 & Hwy 6	\$25.50	Water, Electric
Gravel Sites	\$22.50	Water, Electric W/ Tent
	\$2.00	each additional child
	\$3.00	each additional adult
Bluffs Run Campground	\$18.00	Water, Electric
I-80 & 24 th Street		
Concrete Parking Lot Sites		
Haworth Campground	\$15.00	Water, Electric
Hwy 370 & Missouri River		
Asphalt Sites		
Mahoney State Park	\$14.00	Electric, Water Available at hydrants of sites
I-80 & Hwy 66		
Asphalt Sites		
Two Rivers State Park	\$14.00	Electric, Water
Hwy 92 & Venice	\$12.00	Electric
Asphalt Sites	\$9.00	No Services
Louisville State Park	\$12.00	Electric
Hwy 50 @ Louisville	\$9.00	No Services
Asphalt Sites		

main Elm Creek channel in the 1990 s to resolve streambank erosion problems. These structures are operated and maintained by Burt County.


[February 9, 1989; November 14, 2002]

18.17 District Projects - Elkhorn Crossing Recreation Area. Elkhorn Crossing Recreation Area is an authorized general benefit project of the District. The project will be carried out, operated and maintained in accordance with the contract with the Nebraska Natural Resources Commission and other written agreements. The Rules and Regulations for the Elkhorn Crossing Recreation Area are attached hereto as Appendix K.

[April 13, 1989]

18.18 District Projects - Papio Trails System. The Papio Trails System is an authorized project of the District and shall be carried out and maintained in accordance with the Papio Trails work plan and other written agreements of the District. The work plan calls for approximately 80 miles of concrete recreational trails (40 miles by the District and 40 miles by other governmental entities) to be built over a ten year period. The work plan for construction will be reviewed annually by the Board. The Rules and Regulations for the Papio Trails System are attached hereto as Appendix L.

[May 9, 1991]



18.19 District Projects - Walnut Creek Lake and Recreation Area. Walnut Creek Lake and Recreation Area is an authorized project of the District and shall be carried out and maintained in accordance with the Project Master Plan prepared by the District, Resource Development Fund contracts with the Nebraska Department of Natural Resources, an interlocal agreement for comprehensive flood control with the City of Papillion and other written agreements of the District, as well as the Rules and Regulations for the site adopted by the District (Appendix K).

[May 9, 1991; December 10, 1998]

18.20 District Projects - Heron Haven Wetland. The Heron Haven Wetland is an authorized project of the District. In 1992, the District entered into a cooperative agreement with the Omaha Chapter of the National Audubon Society to purchase and develop the Heron Haven Wetland located near 117th and West Maple Road. The District will own the land and the Audubon Society will develop, operate and maintain the site.

[December 8, 1994]

PAPIO-MISSOURI RIVER NATURAL RESOURCES DISTRICT PARK RULES AND REGULATIONS

Chalco Hills Recreation Area – Walnut Creek Recreation Area
Prairie View Recreation Area – Elkhorn Crossing Recreation Area
Platte River Crossing Recreation Area

Under the provisions of L.B. 861 of the Eight-Eighth Session of the Nebraska Legislature, the following Rules and Regulations are adopted by the Papio-Missouri River Natural Resources District to govern the administration, use, operation, maintenance and protection of the parks and recreation areas under the control of said District. Under other provisions of L.B. 861, any person

- (a) who camps, picnics, hikes, backpacks, or engages in any other unauthorized activity in a recreation area on land not designated as a camping, picnicking, hiking, backpacking, or similar area by the District or fails to observe the posted conditions governing use of such land; or,
- (b) who lights any type of fire, uses any fireworks, smokes tobacco in any form, or leaves unattended or unextinguished any fire of any type in any location in a recreation area when not permitted by the district; or,
- (c) who brings upon, possesses, grazes, maintains, or allows to run at large any pet, domestic animal, or poultry in a recreation area when not permitted by the District; or,
- (d) who hunts, fishes, traps, harvests fur, or uses firearms, bow and arrow, or any other projectile weapon or device in a recreation area when not permitted by the District; or
- (e) who swims, bathes, boats, wades, water-skis, uses any flotation device, or engages in any other water-related recreational activity in a recreation area when not permitted by the district; or,
- (f) who, without the permission of the District, damages, destroys, uses, or removes any public real or personal property in a recreation area, constructs or installs any privately owned structure in a recreation area, or enters or remains upon all or any portion of a recreation area when appropriate signs or public notices prohibiting such activity have been erected or displayed; or,
- (g) who, abandons any motor vehicle, trailer, or other conveyance in a recreation area; or,
- (h) who sells, trades, or vends any goods, products, or commodities of any type in a recreation area when not permitted by the district,

shall be guilty of a Class V misdemeanor, which, according to law, is punishable by a maximum fine of one-hundred dollars (\$100.00).

The Rules and Regulations contained hereafter shall apply and be administered to all persons entering, using, residing in, visiting or who are otherwise within the boundaries

of the park and recreation area controlled by the District. These Rules and Regulations are effective as revised as of _____.

Definitions

- District: The Papio-Missouri River Natural Resources District
- Board: The Board of Directors of the Papio-Missouri River Natural Resources District (P-MRNRD)
- General Manager: The chief executive of the Papio-Missouri River Natural Resources District, hired by the Board of Directors
- Law Enforcement Officer: Any duly constituted and credentialed law enforcement officer, local, state, or federal, including but not limited to Commission Conservation Officers.
- Park Area: Park and recreation area controlled and administered by the Papio-Missouri River Natural Resources District.
- District Employee: An employee hired by the Papio-Missouri River Natural Resources District.

1. Abandoned Property

- A. Abandonment of any vehicle or other personal property is prohibited and such property may be impounded by the district or law enforcement officer.
- B. Leaving any vehicle or other personal property unattended after visiting hours without prior consent from the Park Superintendent is prohibited and any property so left may be impounded by the District or law enforcement officer. In the event unattended property interferes with the safe or orderly management of the park area, it may be impounded by the District or law enforcement officer at any time and such impoundment will be at the expense of the owner.

2. Aircraft and Powerless Flight

- A. The operation or use of general aviation licensed aircraft and ultra light aircraft on park area lands and waters is prohibited, with the exception of hot air balloons and non-powered model gliders by permit only.
- B. Except in extreme emergencies involving the safety of human life or threat of serious property loss, the air delivery of any person or thing by parachute, helicopter, or other means without prior written permission of the District is prohibited.

- C. The provisions of this section shall not be applicable to aircraft engaged on official business of the District or used in emergency rescue in accordance with the directions of the Park Superintendent or forced to land due to circumstances beyond the control of the operator.
- D. The operation of aircraft shall be in accordance with current applicable regulations of the Federal Aviation agency.
- E. The launching or landing of sailplanes, gliders, hot air balloons and other devices designed to carry persons or objects through the air in powerless flight is permitted by permit, issued by the District.
- F. The launching or landing of radio-controlled, non-gas powered hobby aircraft or watercraft is permitted by permit, issued by the District.

3. Audio Devices

- A. The operation or use of any audio device including a radio, television, electronic game callers, musical instrument, or a device producing noise such as an electric generating plant, a motor vehicle, a motorized toy, or other equipment driven by a motor or engine in such a manner or at such time so as to unreasonably annoy or endanger persons in campgrounds, picnic areas, or at other public places or gatherings is prohibited.
- B. The operation or use of a public address system, whether fixed, portable, or vehicle mounted, within the park area is prohibited except when such use or operation is in connection with a public gathering or special event for which a permit has been issued.

4. Begging and Soliciting

- A. Begging is prohibited.
- B. Hitch-hiking or the soliciting of transportation is prohibited except in emergencies and cases of vehicle breakdown.
- C. Commercial soliciting of any kind is prohibited; provided that this section shall not apply to transactions with authorized concessionaires.

5. Boating and Other Watercraft or Vessels

- A. Watercraft shall not be left unattended in park area waters except at designated mooring, anchoring or beaching locations.
- B. Docks installed adjacent to boat ramps shall be used only for the launching and recovery of watercraft and the embarking and disembarking of passengers. The mooring of watercraft at such docks for any other reason, or for a period of time greater than that reasonable to accomplish the permitted activities, is prohibited.
- C. The sport of wind surfing is permitted at Chalco Hills Recreation Area only.
- D. All motorized vessels and watercraft are restricted to a no-wake speed limit, except river corridors governed by state or federal regulations (i.e. Platte River, Elkhorn Crossing).

- E. The operation of vessels or other water craft in a careless, negligent or reckless manner so as to endanger any property or person (including the operator and/or user(s) of the vessel or watercraft) is prohibited.
 - F. Vessels or other watercraft may be operated on park area waters, except in prohibited or controlled areas, in accordance with posted regulations, including buoys, and applicable federal, state and local laws, as regulated by authorized enforcement officer. All vessels or watercraft so required by applicable federal, state and local laws shall display an appropriate registration on board whenever the vessel is operated on park area waters.
 - G. Vessels or other watercraft are not to be used as a place of habitation or residence.
 - H. The use of jet skis on park area waters is prohibited, except river corridors.
6. **Camping**
- A. Camping is defined as the temporary outdoor lodging for recreational purposes, presupposing the occupancy of a shelter designed for that purpose such as a sleeping bag, tent, trailer, recreational vehicle, etc.
 - B. Camping within the Prairie View, Chalco Hills and Platte River Recreation Areas, is prohibited unless a Special Use Permit is authorized by the Park Superintendent.
 - C. Primitive camping is allowed at Elkhorn Crossing Recreation Area on a limited 14 day stay basis.
 - D. Camping at Walnut Creek Lake and Recreation Area is restricted to locations in the park area designated for that purpose. The installation of permanent camping facilities is prohibited.
 - (1) A family may camp in the designated camp area for up to 14 consecutive days and then must vacate the campground prior to the end of the 14th day. After vacating, members of that family cannot resume camping in the park area for at least 15 days.
 - (2) When vacating the campground, all camping equipment, vehicles, trailers and other possessions must be removed and the camping site cleaned.
 - (3) Camping trailers and other vehicles may not exceed or be extended to more than eight feet (8') road traveling width, or 15 feet parked, and forty-five feet (45') in overall length (including trailer tongue and hitch).
 - (4) Camping equipment vehicles or shelters left in the park area after the day the campsite is required to be vacated may be removed from the campground and impounded by the District or a law enforcement officer.
 - (5) The District will provide electricity at each designated camping pad and will charge a daily fee for its use. The District will also charge a daily camping fee regardless whether electricity is hooked-up. (No

generators allowed). Camping and electricity fees may be collected, on a daily or per trip basis, by a person or persons designated by the District.

- (6) Only one camping pad may be occupied per family without prior permission from the Campground Supervisor or Park Superintendent.
- (7) The District shall allow camping in the designated campground from April 1st to November 1st. The remainder of the year the campground will be closed, except at the discretion of the Park Superintendent.
- (8) The fees are as follows:

Hard Surface RV Pad with Electric Hookups \$12.00
Per Day (tents allowed).



- (9) Campers are required to register upon entering the campground and advance reservation of camping space will not be accepted. Availability for camping will be on a first come – first served basis.
- (10) All waste and garbage dumping must be done in the area designated by the District.
- (11) One-way traffic flow in the campground will be observed at all times.
- (12) Campground Quiet Hours 10:00 p.m. to 6:00 a.m. daily.
- (13) Violation of these rules may result in exclusion from the campground for such period as the district determines reasonable.
- (14) Civic Youth Group Campsite – Youth camp site at Walnut Creek must be reserved seven (7) days in advance of the activity, with Special Use Permit filled out and approved by Park Superintendent.

7. Closures

- A. The District may establish a reasonable schedule of visiting hours for all or portions of a park area and close to public use all or any portion of a park area when necessary for the protection of an area or the safety and welfare of persons or property by the posting of appropriate signs indicating the extent and scope of such closure.
- B. All persons shall observe and abide by officially posted signs designating closed areas and visiting hours.

Chalco Hills Lake and Recreation Area and
Walnut Creek Lake and Recreation Area – Open 6:00 a.m. to 10:00 p.m.
(gates closed)
Platte River Recreation Area – Prairie View Recreation Area - Open 6:00
a.m. to 10:00 p.m.
Elkhorn Crossing – Open 24 hours. Seasonal – April 1st to November 1st .

- C. Walk-on traffic, after closing of park area to vehicular traffic, is not permitted.

8. Disorderly Conduct

- A. Disorderly conduct is prohibited.
- B. Disorderly conduct is committed when a person causes public alarm, nuisance, jeopardy or violence, or recklessly creates a risk thereof, by:
 - (1) Engaging in fighting or threatening, or in violent behavior; or
 - (2) Using language, an utterance, or gesture, or engaging in a display or act which is physically threatening, or menacing, or done in a manner which is likely to inflict injury or incite an immediate breach of the peace; or
 - (3) Making noise which is unreasonable, considering the nature and purpose of the actor's conduct, location, time of day or night, and other factors which would govern the conduct of a reasonably prudent person under the circumstances; or
 - (4) Creating or maintaining a hazardous or physically offensive condition.
- C. Persons committing disorderly conduct may be evicted from the area.

9. Dogs, Cats and Pets

- A. Dogs, cats, and other pets are prohibited unless they are crated caged, or on a leash of no more than six feet (6') in length, unless they are in a designated fenced dog exercise area set aside by the District. Dog exercise areas available at Chalco Hills Recreation Area and Walnut Creek Recreation Area.
- B. Dogs, cats, or other pets running at large and observed by an authorized person in the act of killing, injuring, or molesting humans or wildlife may be disposed of in the interest of public safety and protection of the wildlife.

10. Explosives, Fireworks, Firearms

- A. The use or possession of explosives, firearms, ammunition, loaded projectile firing devices, bows and arrows, crossbows and explosive devices of any kind, is prohibited unless in the possession of a federal, state or local law enforcement officer. Fireworks are prohibited.

11. Fires

- A. Fires are prohibited except in District-provided fireplaces and grills located in designated picnic grounds, and except in commercially-manufactured stoves or lanterns using gasoline, propane, butane gas, or similar fuels.

No ground fires or burn barrel ground fires will be allowed anywhere in the park areas including the campground.

- B. Fires must be kindled in such manner that no trees, shrub, grass, or other combustible matter will be set on fire or caused to be set on fire.
- C. When no longer needed, the fire shall be completely extinguished. Leaving a fire unattended is prohibited.
- D. Throwing or dropping a lighted cigarette, cigar, pipe heel, match, or other burning materials is prohibited.
- E. The kindling of fires on park lands controlled by the District may be prohibited by the Park Superintendent by posting signs when the fire hazard makes such action necessary.
- F. The Park Superintendent, during such period of time as he may prescribe, may prohibit smoking on any park lands including roads and trails by the posting of appropriate signs.
- G. Fires are prohibited after closing hours, unless issued a Special Use Permit by the District.

12. Fishing, Hunting, Trapping

- A. Fishing is permitted on all park waters subject to all state fishing regulations and to specific local regulations.
- B. Any area or portions of area may be closed to all or any form or method of fishing by posting of appropriate signs.
- C. Fishing from or within 20 yards of any public boat ramp, boat dock or mooring area, is prohibited, except from the handicapped-accessible fishing pier.
- D. Fishing from all bridges is prohibited.
- E. Hole size made for ice fishing, on any area under jurisdiction of the District, shall not exceed 10 inches in diameter.
- F. Hunting or the use of firearms, bow and arrow, or other projectile devices is prohibited except firearms used by law enforcement officers in performance of their duties.
- G. Trapping fur bearers including unprotected species is prohibited except when special permits are issued by the State of Nebraska and the District for animal control purposes.
- H. Only when engaged in the sport of fishing, shall wading and the use of float tubes be allowed.
- I. Walnut Creek Recreation Area – seasonal use of designated archery range (April 1st to November 31st) during daylight hours only and all users under age of 16 years must have adult supervision, any organized group or event must have applied for a Special Use Permit or prior written approval by Park Superintendent.

13. Horses and Other Livestock

- A. Horseback riding and the use of pack animals within any park area is prohibited except at Walnut Creek Lake and Recreation Area.

- B. The loading and unloading of horses, and the parking of vehicles and trailers should be done only in areas designated by the District and/or Park Superintendent.
- C. Grazing or ranging domestic animals or poultry is prohibited without prior written authorization by the District.
- D. Riding and hitching of horses or other saddle or pack animals in campgrounds or picnic areas, or within the immediate vicinity of trail shelters, eating or sleeping establishments, or other areas or public gatherings, except where trails and facilities are provided for such use, are prohibited.
- E. Horseback riders shall slow their horses to a walk when passing persons on foot or bicycle, or other horses.

14. Intoxication: Consumption of Alcohol

- A. Consumption of alcoholic beverages on park lands owned or controlled by the District is prohibited.
- B. Presence in a park area while under the influence of alcoholic liquor or of any drug, or when that person has .08 of one percent or more by weight of alcohol in his (her) body fluid as shown by chemical analysis of his (her) blood, breath, or urine, is prohibited.

15. Permits: Special Purpose/Use

- A. Sports events, pageants, re-enactment, regattas, entertainment's and the like, characterized as public spectator attractions or participant activities, are prohibited unless written permission therefor has been given by the District. Such permits shall be issued only after a finding that the issuance of such permit will not be inconsistent with the purposes for which the area is established and maintained and will cause the minimum possible interference with use of the area by the general public. The permit may contain such reasonable conditions and restrictions as to duration and area occupied as are necessary for the protection of the area and public use thereof. In the case of a fishing contest, only one permit, per year, shall be issued to any one group or organization, and the number of boats allowed in the contest will be set by the District.
- B. Public meetings, assemblies, gatherings, demonstrations, parades, religious services, and other expressions of views are prohibited unless written permission has been given by the District in accordance with District policy.
- C. The filming of still or motion pictures of lands and facilities owned or controlled by the District for commercial purposes is prohibited unless written permission therefore has been given by the District.
- D. Applications for a Special Purpose/Use Permit shall be received by the District not later than thirty (30) days prior to the requested special activity and shall set forth the following: the name of the applicant, the date, time, duration, nature, and place of the proposed activity, an estimate of the

number of persons expected to attend, and a statement of equipment and facilities to be used in connection therewith. The cost for such a permit shall be determined by the General Manager. Application forms may be obtained by writing to the Papio-Missouri River NRD, 8901 South 154th Street, Omaha, NE 68138.

- E. As a condition to Special Purpose/Use Permit issuance, the District may require the filing of a bond with satisfactory surety payable to the District to cover costs such as restoration, rehabilitation and cleanup of the area used and other costs resulting from the permittee's activity, and also may require the presentation of a certificate in form acceptable to the District showing that the permittee has adequate insurance, in amounts acceptable to the District, covering liabilities associated with the permittee's special activity. In lieu of a bond, a permittee may elect to deposit cash equal to the amount of the required bond.
- F. Soccer – Soccer activities will be conducted on the recreational site within the boundaries of the soccer complex at Chalco Hills and under the rules and regulations as per the District's contract with the Nebraska State Soccer Association.

16. Preservation of Public Property

- A. The possession, destruction, injury defacement, removal, or disturbance in any manner of any building, sign, equipment, monument, statue, marker, or other structures or of any animal or plant matter and direct or indirect products thereof including but not limited to petrified wood, flower, cane or other fruit, egg, nest or nesting site, or any soil, rock or mineral formation, artifact, relic, historic or prehistoric feature, or of any other public property of any kind is prohibited.
- B. The gathering or possession for personal consumption or use of only such fruits and berries as the Park Superintendent may designate is permitted. All such fruits and berries shall be picked by hand. The gathering or collecting of such objects for the purpose of sale is prohibited.
- C. The destruction, defacement, cutting, spraying, alteration, excavation, removal, relocation, transplantation, transportation or possession of all or any part of any tree, shrub, or plant, located in or on any park lands or waters, by any persons other than authorized District employees or contractors, is prohibited provided that dead and down wood found on the ground may be collected for use as fuel for permitted fires in picnic areas except as posted by appropriate signs.
- D. Entering, climbing upon, or tampering with District-owned motor vehicles and motorized or power equipment is prohibited.
- E. No person shall enter upon any area or portion of any area which is temporarily closed to general public access and which is posted with appropriate signs.
- F. Digging or seining for any purpose on District owned or controlled areas is prohibited.

17. Property, Authorized Installation

- A. No structure shall be permanently or semi-permanently installed except by written consent of the District, except as stated below.
- B. Ice fishing shelters are prohibited. However, a temporary shelter, which is erected and removed daily by the owner or occupant, is permissible and will not require a permit or written consent from the District.
- C. District employees are specifically authorized to remove structures and facilities in accord with applicable regulations.

18. Sanitation

- A. All garbage, papers, cans, bottles, waste materials, and rubbish of any kind must be deposited in containers designated for the disposal thereof or removed from the area, (pack-in, pack-out).
- B. Draining or dumping refuse or wastes from any trailer or other vehicle except in receptacles provided for such use is prohibited.
- C. Cleaning food, fish, or fowl or washing clothing, vehicles, campers, or articles of household use at campground hydrants is prohibited.
- D. Polluting or contaminating in any manner any watershed, water supplies, or water used for drinking purposes is prohibited.
- E. Depositing any body waste in or on any portion of any comfort station or other public structure except into fixtures provided for that purpose is prohibited. Placing any bottle, can, cloth, rag, metal, wood, or stone substances in any of the plumbing fixtures of such structure or station is prohibited.
- F. Using District refuse containers or other refuse facilities for dumping household or commercial garbage or trash brought as such from private property is prohibited.

19. Scuba Diving, Swimming, Snorkeling and Wading

- A. Scuba diving, wading, snorkeling and swimming is prohibited in park area waters. Wading while fishing is, however, permitted.

20. Traffic

- A. It shall be unlawful to park, tow, or otherwise operate any motor vehicle, trailer, or cabin trailer within the confines of a park area which does not bear valid license plates and is not registered in accordance with applicable state laws. All such vehicles not properly licensed and registered shall be in violation and may be impounded by the Park Superintendent or law enforcement officer.
- B. It shall be unlawful for any person not possessing a valid motor vehicle operator's license to operate a motor vehicle of any type within the confines of a park area.

- C. It shall be unlawful for any person to park, tow, drive or otherwise operate any motor vehicle, trailer, or cabin trailer in the park other than on roadways, and parking areas designated by the District for such operation.
- D. All traffic laws and District park regulations governing operation of motor vehicles on roadways of the park area shall further apply to motor vehicle operation on those off-road portions of the park areas, including but not limited to campgrounds, beaches, and parking areas, as may be designated by the District for motor vehicle operation.
- E. The speed of motor vehicles allowable shall be 20 mph, unless otherwise posted.
- F. No motorized vehicles shall be allowed on the park and recreational trails with the exception of authorized handicap wheelchairs.

21. Vending

- A. Vending, including mobile vendors, of various goods and services, products, and commodities, is permitted on park lands with the prior written authorization of the District. The vending of any such goods and services, products and commodities without written authorization of the District is prohibited.
- B. No park area shall be used as a headquarters or residence by any person or group engaged in commercial or professional activities without prior written authorization of the District.
- C. The sale or distribution of printed matter is permitted within park areas provided a permit to do so is issued in advance by the District.
- D. Persons engaged in the sale or distribution of printed matter shall not obstruct or impede pedestrians or vehicles, harass park visitors with physical contact or persistent demands, misrepresent the purposes of affiliations of those engaged in the sale or distribution or misrepresent whether the printed matter is available without cost or donation.

22. Water Skiing

- A. The towing of persons on water skis, surfboards, and similar devices by vessels is prohibited on park area waters.

23. Water Sports – General

- A. Areas on which water related recreational activities are permitted may be zoned to separate or define activities. Such zoning may prescribe the area in which the public may engage in any such activities, or may limit the hours during which the public may engage in any such activities. Such zoning shall be clearly indicated by such signs, markers, buoys, or other appropriate devices.
- B. The number of participants engaging in any permitted water-related recreation activities on any area owned or controlled by the District may

be limited by District employees when conditions warrant such limitations in the interests of public health, safety, or welfare.

- C. District employees are herewith specifically authorized and empowered to declare emergencies and to require the participants in any or all of the water related activities mentioned in the foregoing on any such areas, to cease such activity and to temporarily vacate the water area or a portion of the water area, in the event of a water accident, severe weather, or similar emergency. No person shall have permission to engage in any such activity in any such area or portion thereof during such declared emergency.

24. Winter Sports

- A. Skiing, sledding, tobogganing, snow-shoeing, ice skating, ice fishing, and similar winter sports are permitted except upon roads and parking areas when such roads and parking areas are open to motor vehicle traffic and in other places where these activities are prohibited by appropriate regulations and/or posted signs.
- B. The district shall not forecast or advise the public or any person concerning ice conditions, and skating, ice fishing, and other ice related activities shall be at the participant's own risk.
- C. The towing of persons on skis, sleds, or other devices by a motor vehicle or snowmobile is prohibited.
- D. The sport of ice sailing is prohibited.
- E. The operation and use of snowmobiles is prohibited in all the parks.

25. Concession Areas

- A. Written permission must be secured from the Board prior to the establishment of concession activities.

26. Standards

- A. The standards established in these regulations are in furtherance of the preservation and protection of the natural, scenic, historic, pastoral, and fish and wildlife values and provide for the enhancement of the recreation values of the park area.
- B. Use and development of property will be in conformance with applicable federal, state, and local laws, regulations, and ordinances.
- C. Development, improvement, and use of the property will not materially detract from the scenic, natural, historic, pastoral, and fish and wildlife values of the area.
- D. There will be adequate provision for disposal of solid and liquid waste originating on or resulting from the use of the property.
- E. All new utilities will be underground when feasible.
- F. No structures or other improvements will be constructed in or encroaching upon streambeds, banks, and flood plains of live or intermittent streams.

Streambeds, banks, and flood plains will not be disturbed, except as may be necessary to construct, operate, and maintain irrigation, fisheries, utilities, roads, and similar facilities or improvements. Any such necessary encroachment will avoid impeding water flow, sedimentation of streams, or entrance of deleterious materials into streams.

27. Exceptions to Regulations

- A. Nothing in the foregoing shall be construed as prohibiting the Papio-Missouri River NRD or their duly appointed agents or employees from the conduct of their assigned duties in the administration, maintenance, and development of areas owned or controlled by the District.
- B. In the event of natural disaster, state or emergency management, accident, or other situation where in the conduct of activities otherwise permitted under these regulations may constitute a hazard to the public health, safety, or welfare, or inhibit rescue, recovery, post-disaster, or development operations, management personnel of the District are herewith specifically empowered and directed to take such measures at their disposal to preserve the public health, safety, and welfare and to expedite rescue, recovery, and operations, to include the temporary suspension of any or all activities contemplated in these regulations or any area or portion of any area owned or controlled by the District and the temporary closure and/or any such area.

27. Regulation amendments or Changes

- A. The Board reserves the right to amend or change the Rules and Regulations for the park areas as is deemed necessary.

Dated and approved by the Board of Directors of the Papio-Missouri River Natural Resources District this ____ day of _____, 2002.

Chairperson, P-MRNRD Board of Directors

P-MRNRD, General Manager

Attest:

Secretary, P-MRNRD Board of Directors

MEMORANDUM

TO: Programs, Projects and Operations Subcommittee

FROM: Dick Sklenar

SUBJECT: Elk Creek Grade Stabilization Structure

DATE: October 7, 2003

We have been advised by the District's Engineering Consultant, Sundquist Engineering, recommending a change in the gauge of the sheet pile for the proposed grade stabilization structure on Elk Creek in Dakota County, NE. The general contractor and low bidder for this project (Western Contracting Corporation) has indicated that the current specification for the Sheet pile (8 gauge) may buckle when being driven into hardpan clay. A thicker 3/8" gauge is being recommended to reduce the likelihood of buckling. The attached letter from the General Contractor indicates that the 3/8" steel sheet pile will increase \$5.40 per square foot for an estimated total of \$11, 826.00.

It is recommended that the Subcommittee recommend to the Board of Directors that the General Manager be authorized to execute a contract with Western Contracting Corp. for the construction of a Grade Stabilization Structure on Elk Creek in Dakota County for the base bid amount of \$96,365.20 and that the District staff be authorized to approve any change orders not exceeding 15% of the base bid price.

WESTERN CONTRACTING CORPORATION

400 BENSON BUILDING
SIOUX CITY, IOWA 51101

October 2, 2003

Mr. Troy Groth
Sundquist Engineering
P. O. Box 220
Denison, Iowa 51442

RE: Elk Creek Channel Stabilization Structure Project
Project Number NRD 360A

Dear Troy

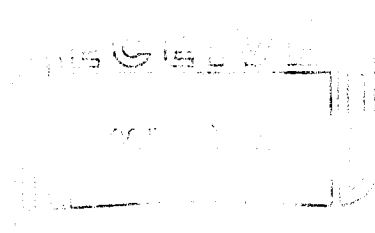
With respect to your request for proposal for the referenced project, please be advised that our estimated costs for Item Number 3 will increase \$5.40 per square foot if 3/8-inch steel sheet pile is installed in lieu of the specified 8 gauge steel sheet pile. Therefore, we propose installing 3/8-inch steel sheet pile for \$14.70 per square foot.

If you need additional information please contact our office at 712 277-1131. Thank you.

Very truly yours,



D. E. Everist, Jr.



CC: Mr. Dick Sklenar

MEMORANDUM

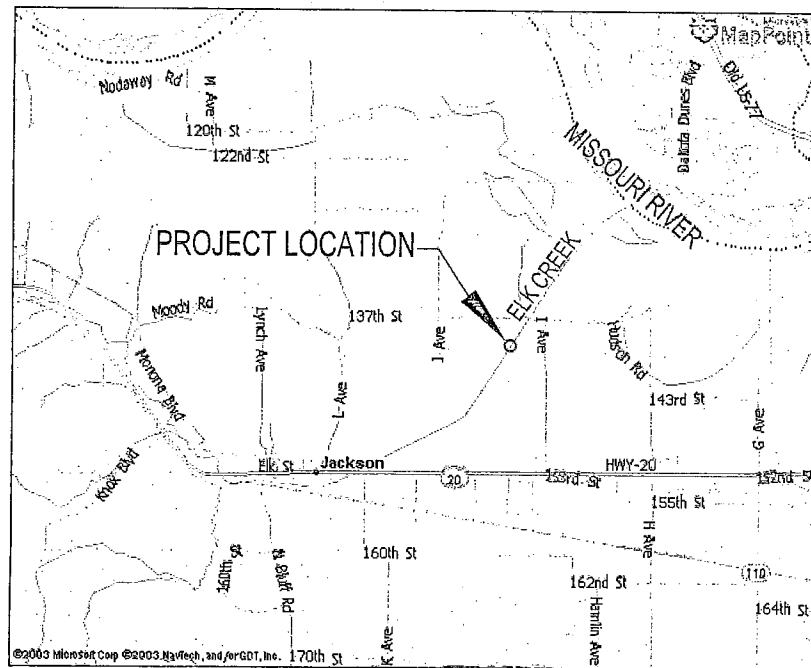
TO: PPO Subcommittee

FROM: Dick Sklenar

SUBJECT: Bids received for construction of Elk Creek Grade Stabilization Structure

DATE: September 25, 2003

On the above date, the District opened bids from contractors for the construction of a Grade Stabilization Structure located on Elk Creek in Dakota County (see map below). The purpose of the structure is to halt some of the degradation that's occurring in the creek channel. The project consists mostly of galvanized sheet pile and riprap. Work is expected to commence once the crops have been removed from the fields. A bid summary is attached.



The following bids were received from contractors for this project:

<u>NAME OF FIRM</u>	<u>BID AMOUNT</u>
Penro Construction Co.	\$154,071.44
Nelson & Rock Contracting	\$97,052.50
Western Contracting Corp.	\$96,365.20
L.A. Carlson Contracting	\$98,514.15
K & L Landscape & Construction	\$149,092.75

It is recommended that the Subcommittee recommend to the Board that the General Manager be authorized to execute a contract with **Western Contracting Corp.** for the construction of a Grade Stabilization Structure on Elk Creek in Dakota County for the amount of **\$96,365.20.**

ELK CREEK STABILIZATION STRUCTURE PROJECT BID SUMMARY

Bid Opening:
September 25, 2003
10:00 a.m. at NRC

Item No.	Item	Unit	Estimated Quantities	K & L Landscape & Construction		L. A. Carlson Contracting		Western Contracting Corp.	
				Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
1.	Excavation, Class 10, Channel	CY	1961	8.00	15,688.00	1.90	3,725.90	2.20	4,314.20
2.	Piles, Furnish & install steel, HP 10X42	LF	126	45.00	5,670.00	25.00	3,150.00	18.00	2,268.00
3.	Piles, steel sheet	SF	2190	20.00	43,800.00	9.70	21,243.00	9.30	20,367.00
4.	Engineering fabric	SY	1991	2.25	4,479.75	1.75	3,484.25	2.00	3,982.00
5.	Concrete grout for revetment or gabion	CY	102	118.00	12,036.00	140.00	14,280.00	160.00	16,320.00
6.	Revetment, special	TON	2234	28.50	63,669.00	21.50	48,031.00	21.00	46,914.00
7.	Mobilization	LS	1	2,250.00	2,250.00	4,000.00	4,000.00	2,000.00	2,000.00
8.	Seeding and fertilizing (rural)	ACRE	0.6	2,500.00	1,500.00	1,000.00	600.00	2,000.00	1,200.00
	TOTAL BID (ADD 1 THRU 8)				149,092.75		98,514.15		96,365.20
	Bid Bond (yes or No)				Yes		Yes		Yes
	Received Addendum(Yes or No)				Yes		Yes		Yes

ELK CREEK STABILIZATION STRUCTURE PROJECT BID SUMMARY

Bid Opening:
September 25, 2003
10:00 a.m. at NRC

Item No.	Item	Unit	Estimated Quantities	Nelson & Rock Contracting		Penro Construction Company		Total Cost	Unit Cost	Total Cost
				Unit Cost	Total Cost	Unit Cost	Total Cost			
1.	Excavation, Class 10, Channel	CY	1961	2.00	3,922.00	19.63	38,494.43			
2.	Piles, Furnish & install steel, HP 10X42	LF	126	20.00	2,520.00	46.56	5,866.56			
3.	Piles, steel sheet	SF	2190	9.00	19,710.00	11.91	26,082.90			
4.	Engineering fabric	SY	1991	1.50	2,986.50	.65	1,294.15			
5.	Concrete grout for revetment or gabion	CY	102	150.00	15,300.00	119.39	12,177.78			
6.	Revetment, special	TON	2234	21.00	46,914.00	27.93	62,395.62			
7.	Mobilization	LS	1	5,100.00	5,100.00	6,260.00	6,260.00			
8.	Seeding and fertilizing (rural)	ACRE	0.6	1,000.00	600.00	2,500.00	1,500.00			
	TOTAL BID (ADD 1 THRU 8)				97,052.50		154,071.44			
	Bid Bond (yes or No)				Yes		Yes			
	Received Addendum(Yes or No)				Yes		Yes			



SUNDQUIST ENGINEERING, P.C.

CONSULTING ENGINEERS

September 29, 2003

Mr. Dick Sklenar
Special Project Coordinator
Papio-Missouri River NRD
8901 S. 154th Street
Omaha, NE 68138-3621

RE: ELK CREEK GRADE STABILIZATION
DAKOTA COUNTY, NEBRASKA
NRD PROJECT NO. 360A

Dear Mr. Sklenar:

During our telephone conversation on September 25, 2003, you requested a letter of recommendation for Western Contracting, the low bidder for the referenced project. Western Contracting has informed me they will be subcontracting the work on this project to Niewohner Construction Inc. of Onawa, Iowa.

Niewohner Construction has been the contractor on several projects for which Sundquist Engineering has been the project engineers. The owners of these projects were drainage districts and cities. Niewohner Construction has also constructed similar grade control structures designed by Sundquist Engineering for counties in western Iowa. We have found them to be an excellent firm to work with and they provide first-rate workmanship.

We highly recommend approval of Western Contracting as the general contractor with Niewohner Construction as the subcontractor for the construction of the proposed grade control structure.

Should you have any questions please call.

Yours truly,

SUNDQUIST ENGINEERING, P.C.

Troy J. Groth, P.E.

TJG/lmd

cc: File - 06503

120 SOUTH MAIN P.O. BOX 220 DENISON, IA 51442 PHONE: (712) 263-8118 FAX: (712) 263-2181
706 IOWA AVENUE ONAWA, IA 51040 PHONE/FAX: (712) 423-3131

Memo: Papio-Missouri River NRD Board of Directors

Subject: West Papio Trail (Papillion to Bellevue)

Date: September 29, 2003

From: Gerry Bowen

On September 26, 2003 bids were opened on the West Papio Trail project located along the West Branch Papillion Creek between Papillion and Bellevue. Five bids were received, four of which met the specifications, as explained in the attached letter from HGM Associates, Inc. The bid tabulation summary is attached. The lowest and best bid was received from Hawkins Construction Company in the amount of \$983,642.56. The most recent Engineer's Estimate for the project is \$1,225,573.60.

The bids are summarized below:

Contractor	Bid Amount
1. Hawkins Construction	\$983,642.56
2. TAB Construction	\$1,022,124.91
3. Daedelus Construction	\$1,245,647.83
4. Kiewit-Western	\$1,348,952.75
5. <i>Swain Construction *</i>	<i>\$805,806.52</i>

* unbalanced bid, see attached letter

The staff recommends approval of the Hawkins Construction Company's bid (lowest and best) based upon the attached letter from HGM Associates, Inc. noting that the bid from Swain Construction is unbalanced.

It is recommended that the subcommittee recommend to the Board that the General Manager be authorized to execute a contract with the lowest and best bid received from Hawkins Construction Company in the amount of \$983,642.56 for construction of the West Papio Trail Project (Papillion to Bellevue).



September 29, 2003

Mr. Gerry Bowen
Papio-Missouri River NRD
8901 South 154th Street
Omaha, NE 68138

Subject: West Papio Creek Trail
Project No. STPB-77 (46)
HGM Project No. 71511
Bid Recommendation

Dear Gerry,

Bids were received on September 28, 2003 for the construction of the West Papio Trail from 36th Street to 72nd Street. A copy of the bid tabulation is attached for your review.

Five bids were received for the Project. The apparent low bidder for the Project was Swain Construction of Omaha, Nebraska with a bid of \$805,806.52. However, this bid appears to be severely unbalanced in the area of the concrete paving. The major portion of this work is the 6" PC Concrete trail. The average unit price bid for the trail of the other three bidders was \$19.87/sy. Swain's unit price is \$2.58/sy. The same is true for the concrete parking lot.

This bid is unbalanced and should be rejected by the District. We have contacted Swain Construction. The price shown is the square foot price for paving, not the square yard price. In our opinion, rejecting the bid by Swain Construction would be in the best interest of the District.

We recommend awarding the contract to Hawkins Construction Company, the second low bidder, in the amount of \$983,642.56. Their bid is below the Engineer's opinion of probable costs of \$1,225,573.60.

Sincerely,
HGM Associates Inc.


Chris J. Koenig, P.E.
Project Manager

Attachment

Cc: John Williams, Sinclair Hille

TABULATION OF BIDS

Project: West Papio Creek Trail

36th Street to 72nd Street

HGM ASSOCIATES INC.

5022 S. 114TH ST.

OMAHA, NE 68137

Date of Listing:

September 26, 2003

Time of Listing: 10:00am

Item #	Description	Estimated Quantities	Decadus Construction Co. Omaha, Nebraska		Hawkins Construction Co. Omaha, Nebraska		Kiewit Western Company Omaha, Nebraska		Swain Construction Omaha, Nebraska		Tab Construction Omaha, Nebraska		HIGH UNIT		LOW UNIT	
			Unit	Price	Unit	Price	Unit	Price	Unit	Price	Unit	Price	Unit	Price	Unit	Price
1.	Mobilization	1.00	LS	\$31,000.00	\$31,000.00	\$63,590.00	\$63,590.00	\$63,590.00	\$63,590.00	\$56,000.00	\$56,000.00	\$48,500.00	\$48,500.00	\$48,500.00	31,000.00	\$1,000.00
2.	General Cleaning and Grubbing	1.00	LS	30,240.00	30,240.00	32,289.00	32,289.00	33,900.00	33,900.00	39,000.00	39,000.00	34,900.00	34,900.00	34,900.00	30,240.00	\$3,000.00
3.	Earthwork, Embankment in Place (E.Q.)	21,185.00	CY	3.00	63,555.00	3.21	68,003.85	2.95	62,495.75	3.81	80,714.85	2.70	57,199.50	3.13	3.81	2.70
4.	Earthwork, Excavation (E.Q.)	8,470.00	CY	3.00	25,410.00	3.21	27,188.70	2.95	24,986.50	3.81	32,270.70	2.70	22,869.00	3.13	3.81	2.70
5.	Subgrade Preparation	26,857.00	SY	1.50	40,285.50	0.38	10,295.66	2.00	53,714.00	3.00	80,571.00	1.03	27,662.71	1.58	3.00	0.38
6.	6" Concrete Class 47B-3000 Bikeway	22,432.00	SY	20.00	448,640.00	17.33	388,746.56	24.00	538,368.00	2.58	57,874.56	18.15	407,140.80	16.41	24.00	2.58
7.	6" Concrete Pavement (Parking Lot)	2,470.00	SY	22.80	56,316.00	20.37	50,313.90	36.00	88,920.00	2.79	6,891.30	21.20	52,364.00	20.63	36.00	2.79
8.	Remove Pavement	64.00	SY	8.40	537.60	5.94	380.16	11.00	704.00	13.00	832.00	35.00	2,240.00	14.67	35.00	5.94
9.	Sign Type A (Neighborhood Sign)	2.00	EA	1,600.00	3,200.00	1,827.00	3,654.00	1,600.00	3,200.00	2,990.00	5,980.00	1,026.00	2,052.00	1,808.00	2,990.00	1,026.00
10.	Sign Type B (Double Sided Trail Marker)	2.00	EA	1,600.00	3,200.00	357.00	714.00	940.00	1,900.00	1,700.00	3,400.00	375.00	750.00	996.40	1,700.00	357.00
11.	Sign Type C (Trail Marker)	21.00	EA	300.00	6,300.00	444.68	9,338.28	1,150.00	24,150.00	340.00	7,140.00	880.00	2,990.00	524.94	1,150.00	300.00
12.	Sign Type A, Extra Panel	2.00	EA	150.00	300.00	544.00	1,088.00	120.00	240.00	440.00	880.00	795.00	1,590.00	409.80	795.00	120.00
13.	Sign Type B & C, Extra Panel	15.00	EA	150.00	2,250.00	79.00	1,185.00	85.00	1,275.00	440.00	6,600.00	107.00	1,605.00	172.20	440.00	79.00
14.	Handicap Signs	3.00	EA	300.00	900.00	196.00	588.00	500.00	1,500.00	195.00	585.00	117.00	351.00	261.60	500.00	117.00
15.	Item Deleted				0.00		0.00		0.00		0.00		0.00			0.00
16.	Install 18" Reinforced Concrete Sewer Pipe	64.00	LF	52.50	3,360.00	27.99	1,791.36	33.00	2,112.00	39.90	2,553.60	27.30	1,747.20	36.14	52.50	27.30
17.	Install 24" Reinforced Concrete Sewer Pipe	49.00	LF	56.80	2,783.20	43.22	2,117.78	65.00	3,185.00	48.00	2,352.00	43.00	2,107.00	51.20	65.00	43.00
18.	Install 60" Reinforced Concrete Sewer Pipe	42.00	LF	162.75	6,835.50	133.66	5,513.72	130.00	5,460.00	190.00	7,980.00	129.35	5,432.70	149.15	190.00	129.35
19.	Rock Rip-Rap, Type "B"	115.00	TN	31.50	3,622.50	24.91	2,864.55	45.00	5,175.00	34.00	3,910.00	31.65	3,639.75	33.41	45.00	24.91
20.	Adjust Machine to Grade	1.00	EA	200.00	200.00	86.00	86.00	175.00	175.00	280.00	280.00	152.50	152.50	178.70	280.00	86.00
21.	Pedestrian Bridge	1.00	LS	299,728.30	299,728.30	154,569.00	154,569.00	212,000.00	212,000.00	168,100.00	168,100.00	185,900.00	185,900.00	204,019.46	299,728.30	154,569.00
22.	Abandonment Excavation	50.50	CY	80.25	4,052.63	40.75	2,037.88	18.00	900.00	24.00	1,212.00	34.00	1,717.00	39.40	80.25	18.00
23.	Class 47B-3, 625 Concrete For Abutments	17.80	CY	568.00	10,110.40	383.61	6,828.26	900.00	16,200.00	512.00	9,113.60	457.00	8,134.60	564.12	900.00	383.61
24.	Reinforcing Steel For Abutments	889.00	LBS	6.50	5,878.50	0.91	808.99	1.50	1,335.50	2.19	1,946.91	0.95	844.55	2.37	6.50	0.91
25.	HP 10" X 42lb Steel Piling	440.00	LF	52.00	22,880.00	19.72	8,678.80	35.00	15,400.00	16.60	7,304.00	40.00	17,600.00	32.66	52.00	16.60
26.	Bridge Drainage System	2.00	EA	5,000.00	10,000.00	2,628.00	5,256.00	7,500.00	15,000.00	969.00	1,938.00	811.00	1,622.00	3,381.60	7,500.00	811.00
27.	Sheet Pile Drop Structure	2.00	EA	8,175.00	16,350.00	5,861.00	11,722.00	12,000.00	24,000.00	18,439.00	36,878.00	7,007.00	14,014.00	10,296.40	18,439.00	5,861.00
28.	Bollard	2.00	EA	630.00	1,260.00	658.00	1,316.00	645.00	1,290.00	400.00	800.00	615.00	1,230.00	589.60	630.00	400.00
29.	Removable Bollard	3.00	EA	630.00	1,890.00	565.00	1,695.00	555.00	1,665.00	150.00	450.00	47.00	136.00	44.05	52.50	33.00
30.	Pedestrian Handrail	115.00	LF	52.50	6,037.50	49.33	5,672.95	33.00	3,795.00	38.40	4,416.00	47.00	3,480.00	54.00	52.50	33.00
31.	Levee Gate	2.00	EA	1,050.00	2,100.00	1,457.00	2,914.00	1,050.00	2,100.00	1,740.00	3,480.00	1,361.00	2,730.00	1,332.40	1,740.00	1,050.00
32.	Remove and Reset Levee Gate	2.00	EA	315.00	630.00	392.00	784.00	575.00	1,150.00	675.00	1,350.00	366.00	732.00	464.60	675.00	315.00
33.	Erosion Control Matting	11,620.00	SY	1.50	17,430.00	1.35	15,687.00	1.65	19,173.00	1.90	22,078.00	1.28	14,873.60	1.54	1.90	1.28
34.	Galvalume Silt Fence	850.00	LF	2.55	2,167.50	2.07	1,759.50	2.42	2,057.00	3.30	2,805.00	4.00	3,400.00	2.87	4.00	2.07
35.	Seeding, Type "B"	72.00	AC	1,260.00	90,720.00	476.48	19,482.56	600.00	13,200.00	1,760.00	38,720.00	444.00	9,768.00	908.10	1,760.00	444.00
36.	Landscaping	1.00	LS	65,273.00	65,273.00	69,094.00	69,094.00	77,150.00	77,150.00	74,000.00	74,000.00	56,535.00	56,535.00	68,550.40	77,150.00	56,535.00
37.	6" Chain Link Fence	900.00	LF	7.30	6,570.00	7.97	7,173.00	8.50	7,650.00	12.00	30,800.00	7.10	6,390.00	8.57	12.00	7.10
38.	Area Inlet	1.00	EA	1,312.50	1,312.50	1,175.00	1,175.00	2,500.00	2,500.00	2,700.00	2,700.00	1,585.00	1,585.00	1,585.00	2,700.00	1,175.00
39.	Concrete Retaining Wall at Bridge	1.00	LS	15,600.00	15,600.00	5,812.00	5,812.00	15,000.00	15,000.00	21,900.00	21,900.00	7,540.00	7,540.00	13,170.40	21,900.00	5,812.00
Total					\$1,245,647.83		\$983,642.56		\$1,348,952.75		\$805,806.52		\$1,022,124.91			

* Corrected Amount +

Location: Papio-Missouri River Natural Resources District

8901 S. 154th Street, Omaha, NE 68138

HGM Project No. 71511

MEMORANDUM UPDATE

TO: Programs, Projects and Operations Subcommittee
FROM: Jean Friends Tait, Purchasing Agent
DATE: October 7, 2003
Re: Purchase of FY 2004 Vehicles, Agricultural Tractor and Hydraulic Excavator

In conjunction of the approval of the FY 2004 budget, request for bids for the purchase of FY 2004 District Vehicles/Agricultural Tractor and Hydraulic Excavator were received and opened on October 1 2003. The bid summary sheets are attached for your review. The recommendation for bid item C has been changed from the original PPO Memorandum dated October 1, 2003. The recommendations are as follows:

A. One - 2004, Mid-Size, 4-Wheel Drive, Sport Utility Vehicle, Bid Item A): The staff recommends that the low and best bid of \$15,714 from Gregg Young be accepted with trade-in of the District's 1996 Chevy Blazer, serial #1GNDT13W4T2171557.

B. Two - 2004, 1 Ton, 4X4, Chassis Cab Trucks (Bid Item B)): The staff recommends that the low and best bid of \$29,545 from Lee Sapp be accepted with trade-in of the District's 1999 Ford F350, 4x4, Truck, serial #1FTSF31F7XEC75809 and 1997 Ford F350, 4x4, Truck, serial #3FEKF38G5VMA33131.

C. One - 2004, Hydraulic Excavator (Bid Item C)): After management review of bid item C, staff prepared a cash outlay line added to the bid summary sheet. The original staff recommendation was strictly based on the lowest monthly payment submitted by Nebraska Machinery. After preparation of the cash layout, it was determined that the lowest and best bid of \$34,230 from Road Builders Machinery be accepted for the lease/purchase of a new Hydraulic Excavator. The excavator will be leased/purchased over 5 years with a 4% interest rate with a final buyout payment of \$34,230 in which the excavator will be owned by the District. Staff recommends the low and best bid provided by Road Builders Machinery for the lease purchase of the 2004, Hydraulic Excavator.

D. One - 2004, 150-160 HP, Agricultural Tractor (Bid Item D)): The staff recommends that the low and best bid of \$38,800 from Missouri Valley Implement be accepted with trade-in of the District's 1991, John Deere 4455 tractor, serial #RW4455PO21007.

The vehicles/tractor/heavy equipment bids come to an expensed total of \$118,289. The budgeted amount for these items is \$158,100. *The staff's recommendation is to accept the four low and best bids for the vehicles, agricultural tractor, and hydraulic excavator purchases.*

Bid "A" Summary

Opening: October 1, 2003
2:00 p.m.

Dealer/Make	Woodhouse Nissan	Lee Sapp	Gregg Young Chevrolet	Atchley Ford
A. Total Price	21,728	22,000	20,714	22,037
B. Total Price with trade in	19,728	17,200	15,714	18,237
C. Trade in allowance	2,000	4,800	5,000	3,800
D. Delivery Date	8-10 weeks	8-10 weeks	8-10 weeks	8-10 weeks
E. Warranty	3 year/36,000	3 year/36,000	3 year/36,000	3 year/36,000
F. Vehicle Type	Nissan XTerra	Ford Explorer	Blazer	Ford Explorer

Staff recommends low and best bid of \$15,714 from Gregg Young Chevrolet for a 2004 Blazer with trade in of Districts 1996 Chevy Blazer.

Bid "B" Summary

Opening: October 1, 2003
2:00 p.m.

Dealer/Make	Lee Sapp	Gregg Young Chevrolet	Atchley Ford
A. Total Price	52,545	54,256	51,708
C. Total Price with trade in	29,545	34,256	34,208
D. Trade in allowance	23,000	20,000	17,500
F. Delivery Date	8-10 weeks	8-10 weeks	8-10 weeks
G. Warranty	3 year/36,000	3 year/36,000	3 year/36,000
F. Vehicle Type	Ford F350	Silverado 3500	Ford F350

Staff recommends low and best bid of \$29,545 from Lee SappFord for two 2004 Chassis Cabs with trade in of Districts 1999 Ford F350 Pickup Truck and the Districts 1997 Ford F350 Pickup Truck.

Bid "C" Summary

Opening: October 1, 2003
2:00 p.m.

Dealer/Make	Spreitzer	United Rental	Nebraska Machinery	Road Builders Machinery
A. Total Price	169,885	188,000	221,478	179,427
B. Interest Rate	*3.5686748%	6.9%	5.75%	4%
C. Equipment Type	Volvo EC290BLC	Linkbelt 290LX	Caterpillar 325CL	Komatsu PC270LC-7
D. Delivery Date	90-120 Days	30 Days	45 Days	60-90 Days
E. Lease Payment (5 year)	30,924.25	39,705.60	30,521.48	34,230
F. Final Purchase Price	30,924.25	0	112,220	34,230
G. Total Cash Outlay	185,545.50	198,528	264,807.40	205,380

Dealer/Make	Mid-Land Equipment	Murphy Tractor
A. Total Price	202,784	215,861
B. Interest Rate	4.75%	3.9%
C. Equipment Type	Case CX290	John Deere 270CLC
D. Delivery Date	30-90 Days	90 Days
E. Lease Payment (5 year)	37,835.94	33,271.77
F. Final Purchase Price	37,835.94	75,000
G. Total Cash Outlay	227,015.64	241,358.85

**Dealer can not lock in interest rate until delivery (90-120 days from placing order), therefore, removed from consideration. Staff Recommends low and best bid for lease purchase of a 2004 Hydraulic Excavator from Road Builders Machinery.*

Bid "D" Summary

Opening: October 1, 2003
2:00 p.m.

Dealer/Make	Mo. Valley Implement	Bennington Implement	Cass County Implement	Platte Valley Equipment	Victor's
A. Total Price	73,300	82,200	81,842	85,883	80,690
B. Total Price with trade in	38,800	42,200	40,585	49,890	45,690
C. Trade in allowance	34,500	40,000	41,257	35,993	35,000
D. Delivery Date	3 months	3 months	3 months	3 months	3 months
E. Tractor Type	Case IH MXM190	John Deere 7820	John Deere 7820	John Deere 7820	Case IH MXM190

Staff recommends low and best bid of \$38,800 from Mo. Valley Implement for a 150-160 HP Agricultural Tractor with trade in of the Districts 1991 John Deere 4455 tractor.

MEMORANDUM

TO: Programs, Projects and Operations Subcommittee
FROM: Jean Friends Tait, Purchasing Agent
DATE: October 1, 2003
Re: Purchase of FY 2004 Vehicles, Agricultural Tractor and Hydraulic Excavator

In conjunction of the approval of the FY 2004 budget, request for bids for the purchase of FY 2004 District Vehicles/Agricultural Tractor and Hydraulic Excavator were received and opened on October 1 2003. The bid summary sheets are attached for your review. The staff's recommendation is as follows:

A. One – 2004, Mid-Size, 4-Wheel Drive, Sport Utility Vehicle, Bid Item A): The staff recommends that the low and best bid of \$15,714 from Gregg Young be accepted with trade-in of the District's 1996 Chevy Blazer, serial #1GNDT13W4T2171557.

B. Two – 2004, 1 Ton, 4X4, Chassis Cab Trucks (Bid Item B)): The staff recommends that the low and best bid of \$29,545 from Lee Sapp be accepted with trade-in of the District's 1999 Ford F350, 4x4, Truck, serial #1FTSF31F7XEC75809 and 1997 Ford F350, 4x4, Truck, serial #3FEKF38G5VMA33131.

C. One – 2004, Hydraulic Excavator (Bid Item C)): The staff recommends that the low and best bid of \$30,521.48 from Nebraska Machinery be accepted for the lease/purchase of a new Hydraulic Excavator. The loader will be leased over 5 years with a 5.75% interest rate. Excavator may be turned back or purchased at the end of the lease agreement.

D. One – 2004, 150-160 HP, Agricultural Tractor (Bid Item D)): The staff recommends that the low and best bid of \$38,800 from Missouri Valley Implement be accepted with trade-in of the District's 1991, John Deere 4455 tractor, serial #RW4455PO21007.

The vehicles/tractor/heavy equipment bids come to an expensed total of \$114,580.48. The budgeted amount for these items is \$158,100. ***The staff's recommendation is to accept the four low and best bids for the vehicles, agricultural tractor, and hydraulic excavator purchases.***

MEMORANDUM

TO: Programs, Projects and Operations Subcommittee
FROM: Jean Friends Tait, Purchasing Agent
DATE: October 1, 2003
Re: Purchase of FY 2004 Vehicles, Agricultural Tractor and Hydraulic Excavator

In conjunction of the approval of the FY 2004 budget, request for bids for the purchase of FY 2004 District Vehicles/Agricultural Tractor and Hydraulic Excavator were received and opened on October 1 2003. The bid summary sheets are attached for your review. The staff's recommendation is as follows:

A. One – 2004, Mid-Size, 4-Wheel Drive, Sport Utility Vehicle, Bid Item A): The staff recommends that the low and best bid of \$15,714 from Gregg Young be accepted with trade-in of the District's 1996 Chevy Blazer, serial #1GNDDT13W4T2171557.

B. Two – 2004, 1 Ton, 4X4, Chassis Cab Trucks (Bid Item B)): The staff recommends that the low and best bid of \$29,545 from Lee Sapp be accepted with trade-in of the District's 1999 Ford F350, 4x4, Truck, serial #1FTSF31F7XEC75809 and 1997 Ford F350, 4x4, Truck, serial #3FEKF38G5VMA33131.

C. One – 2004, Hydraulic Excavator (Bid Item C)): The staff recommends that the low and best bid of \$30,521.48 from Nebraska Machinery be accepted for the lease/purchase of a new Hydraulic Excavator. The excavator will be leased over 5 years with a 5.75% interest rate. Excavator may be turned back or purchased at the end of the lease agreement.

D. One – 2004, 150-160 HP, Agricultural Tractor (Bid Item D)): The staff recommends that the low and best bid of \$38,800 from Missouri Valley Implement be accepted with trade-in of the District's 1991, John Deere 4455 tractor, serial #RW4455PO21007.

The vehicles/tractor/heavy equipment bids come to an expensed total of \$114,580.48. The budgeted amount for these items is \$158,100. *The staff's recommendation is to accept the four low and best bids for the vehicles, agricultural tractor, and hydraulic excavator purchases.*

Bid "A" Summary

Opening: October 1, 2003
2:00 p.m.

Dealer/Make	Woodhouse Nissan	Lee Sapp	Gregg Young Chevrolet	Atchley Ford
A. Total Price	21,728	22,000	20,714	22,037
B. Total Price with trade in	19,728	17,200	15,714	18,237
C. Trade in allowance	2,000	4,800	5,000	3,800
D. Delivery Date	8-10 weeks	8-10 weeks	8-10 weeks	8-10 weeks
E. Warranty	3 year/36,000	3 year/36,000	3 year/36,000	3 year/36,000
F. Vehicle Type	Nissan XTerra	Ford Explorer	Blazer	Ford Explorer

Staff recommends low and best bid of \$15,714 from Gregg Young Chevrolet for a 2004 Blazer with trade in of Districts 1996 Chevy Blazer.

Bid “B” Summary

Opening: October 1, 2003
2:00 p.m.

Dealer/Make	<i>Lee Sapp</i>	Gregg Young Chevrolet	Atchley Ford
A. Total Price	52,545	54,256	51,708
C. Total Price with trade in	29,545	34,256	34,208
D. Trade in allowance	23,000	20,000	17,500
F. Delivery Date	8-10 weeks	8-10 weeks	8-10 weeks
G. Warranty	3 year/36,000	3 year/36,000	3 year/36,000
F. Vehicle Type	Ford F350	Silverado 3500	Ford F350

Staff recommends low and best bid of \$29,545 from Lee SappFord for two 2004 Chassis Cabs with trade in of Districts 1999 Ford F350 Pickup Truck and the Districts 1997 Ford F350 Pickup Truck.

Opening: October 1, 2003
2:00 p.m.

Bid "C" Summary

Dealer/Make	Spreitzer	United Rental	Nebraska Machinery	Road Builders Machinery
A. Total Price	169,885	188,000	221,478	179,427
B. Interest Rate	3.5686748 %	6.9 %	5.75 %	4 %
C. Equipment Type	Volvo EC290BLC	Linkbelt 290LX	Caterpillar 325CL	Komatsu PC270LC-7
D. Delivery Date	90-120 Days	30 Days	45 Days	60-90 Days
E. Lease Payment (5 year)	30,924.25	39,705.60	30,521.48	34,230

Dealer/Make	Mid-Land Equipment	Murphy Tractor
A. Total Price	202,784	215,861
B. Interest Rate	4.75 %	3.9 %
C. Equipment Type	Case CX290	John Deere 270CLC
D. Delivery Date	30-90 Days	90 Days
E. Lease Payment (5 year)	44,405.52	33,271.77

Staff recommends low and best bid of \$30,521.48 from NE Machinery for lease purchase of a 2004 Hydraulic Excavator.

Bid "D" Summary

Opening: October 1, 2003
2:00 p.m.

Dealer/Make	Mo. Valley Implement	Bennington Implement	Cass County Implement	Platte Valley Equipment	Victor's
A. Total Price	73,300	82,200	81,842	85,883	80,690
B. Total Price with trade in	38,800	42,200	40,585	49,890	45,690
C. Trade in allowance	34,500	40,000	41,257	35,993	35,000
D. Delivery Date	3 months	3 months	3 months	3 months	3 months
E. Tractor Type	Case IH MXM190	John Deere 7820	John Deere 7820	John Deere 7820	Case IH MXM190

Staff recommends low and best bid of \$38,800 from Mo. Valley Implement for a 150-160 HP Agricultural Tractor with trade in of the Districts 1991 John Deere 4455 tractor.

P-MRNRD VEHICLE MILEAGE STATUS FOR CALENDAR YEAR 2003

VEHICLE	NUMBER	MILEAGE 12/31/1999	MILEAGE 12/31/2000	MILEAGE 12/31/2001	MILEAGE 12/31/2002	Age in Months	Total Life*	1999	2000	2001	2002	Suggested Replacement Year	Estimated Mileage 12/31/2003**	12/31/2004**
#1 1996 Chevy S-10 Blazer 4X4 Purchased: 12/4/95	1CA04	47,400	56,790	64,770	73,623	84.8	868	796	783	665	738	F.Y. 2004	82,476	91,329
#2 2003 Ford 4X4 Explorer Purchased: 10/25/2002	1CA07	0	0	0	5,161	3.0	1,720	0	0	0	1,720		25,805	46,449
#3 2003 Ford 4X4 Explorer Purchased: 10/25/2002	1CA08	0	0	0	2,530	3.0	843	0	0	0	843		12,650	22,770
#4 1973 Ford Flat Bed Truck Purchased: 10/25/2002	2EA02	154,655	155,228	155,356	155,507	360.0	432	0	48	11	13		155,663	155,819
#5 2002 Ford 4X4 Pickup Purchased: 1973	2EA07	0	0	0	5,753	11.0	523	0	0	0	523		12,029	18,305
#6 2002 Ford 4X4 Pickup Purchased: 2/02/2002	2GA01	0	0	0	4,490	12.0	374	0	0	0	374		8,980	13,470
#7 1997 Chevy S-10 4X4 Pickup Purchased: 12/11/01	2LA34	24,320	31,610	37,349	42,570	72.4	588	672	608	478	435		47,791	53,012
#8 1997 Chevy S-10 4X4 Pickup Purchased: 01/03/97	2LA35	24,412	36,839	49,927	63,565	72.4	878	714	1,036	1,091	1,137	F.Y. 2004	77,203	90,841
#9 1999 Chevy 3/4 4X4 Pickup Purchased: 01/03/97	2LA39	5,147	14,569	21,172	36,597	44.0	832	429	785	550	1,285		52,022	67,447
#10 1999 Ford Diesel 4X4 Pickup Purchased: 5/99	2LA40	20,659	39,690	57,155	67,160	59.0	1,138	1,637	1,586	1,455	834	F.Y. 2005	77,165	87,170
#11 1999 Ford Diesel 4X4 Pickup Purchased: 12/08/98	2LA41	26,098	52,365	65,859	80,422	59.0	1,363	2,054	2,189	1,125	1,214	F.Y. 2004	94,985	109,518
#12 2001 Ford 3/4 4X4 Pickup Purchased: 12/03/98	2LA42	0	1,665	23,500	43,730	26.0	1,682	0	833	1,820	1,686	F.Y. 2005	63,960	84,190
#13 2002 Ford 4X4 Pickup Purchased: 11/2000	2LA43	0	0	611	24,093	14.0	1,721	0	0	306	1,957		47,575	71,057
#14 2003 Ford Ranger Pickup Purchased: 11/2001	2LA44	0	0	0	3,165	3.0	1,055	0	0	0	1,055		15,825	28,485
#15 1998 Ford Ranger 4X4 Pickup Purchased: 10/25/2002	2L106	28,627	41,476	55,720	69,153	61.0	1,134	1,154	1,071	1,187	1,119	F.Y. 2004	82,586	96,019
#16 2000 Chevy S-10 4X4 Pickup Purchased: 12/08/97	2L107	0	7,232	13,928	20,349	36.0	565	0	603	558	535		26,770	33,191
#17 2000 Ford Diesel 4X4 Pickup Purchased: 12/28/99	2L108	0	13,947	33,990	54,630	36.0	1,518	0	1,162	1,670	1,720	F.Y. 2005	75,270	95,910
#18 2000 Ford Diesel 4X4 Pickup Purchased: 01/11/00	2L109	0	12,243	25,590	38,290	36.0	1,064	0	1,020	1,112	1,058		50,990	63,690
#19 2000 Ford 3/4 4X4 Pickup Purchased: 01/19/00	2L110	0	14,148	32,839	47,280	33.0	1,433	0	1,179	1,558	1,203		61,721	76,162
#20 2001 Chevy 4X4 Utility Truck Purchased: 02/00	2TA09	0	0	19,541	38,739	24.0	1,614	0	0	1,628	1,600		57,937	77,135
#21 2001 Ford F-350 Utility Truck Purchased: 1/19/01	2TA10	0	0	12,004	28,197	24.0	1,175	0	0	1,000	1,349		44,390	60,583
#22 1997 Ford 4X4 Utility Truck Purchased: 05/12/97	2TA08	35,383	46,978	59,648	72,732	67.0	1,086	1,094	966	1,056	1,090	F.Y. 2004	85,816	98,900
#23 1999 Ford Windstar Van Purchased: 1/99	2VA02	7,424	15,854	22,000	28,828	48.0	601	619	703	512	569		35,656	42,484

* Total Life = Total Miles / Age in Months

** Based on 2002 Avg. Mileage/Month

(A) For 2003 Vehicles previous vehicle information was used for estimating mileage.

PAPIO-MISSOURI RIVER NATURAL RESOURCES DISTRICT
VEHICLE OPERATION RECORDS
CALENDAR YEAR 2002

A	B	C	D	E	F	G	H	I	J	K	L	M	N
		VEHICLE DESCRIPTION	TOTAL MILES TRAVELED	FUEL INFO. TOTAL GALS. (C/D)	MPG (C/D)	TOTAL DIR. OPERATING EXPENSE	MAINTENANCE AND REPAIR COST COMM.	PNRD	TOTAL M&R (H+I)	OVERALL EXPENSE (G+J)	OVERALL COST/MILE (K/C)	ENDING MILEAGE 12/31/2001	
	1	1CA04 96 CHEVY S-10 4X4 BLAZER	8,853	532	16.6	\$890.87	\$265.20	\$0.00	\$265.20	\$1,156.07	\$0.13	73,623	
*	2	1CA07 03 FORD EXPLORER	24,552	1,613	15.2	\$2,744.34	\$208.41	\$0.00	\$208.41	\$2,952.75	\$0.12	5,161	
*	3	1CA08 03 FORD EXPLORER	14,581	883	16.5	\$1,381.70	\$164.72	\$0.00	\$164.72	\$1,546.42	\$0.11	2,530	
	4	2EA02 73 FORD FLATBED TRK.	151	24	6.3	\$26.61	\$0.00	\$0.00	\$0.00	\$26.61	\$0.18	155,507	
	5	2EA04 85 MACK DUMP TRK	21,717	3,832	5.7	\$3,596.90	\$129.88	\$0.00	\$129.88	\$3,726.78	\$0.17	263,208	
	6	2EA05 91 MACK DUMP TRK	9,970	2,079	4.8	\$1,953.57	\$307.36	\$0.00	\$307.36	\$2,260.93	\$0.23	98,560	
*	7	2EA07 02 FORD 4X4 DUMP BED	5,753	570	10.1	\$808.52	\$0.00	\$0.00	\$0.00	\$808.52	\$0.14	5,753	
	8	2GA01 FORD LIGHT FLAT BED	4,490	489	9.2	\$679.10	\$63.56	\$0.00	\$63.56	\$742.66	\$0.17	4,490	
	9	2LA34 97 CHEVY S-10 PICKUP 4X4	5,221	347	15.0	\$598.64	\$403.81	\$0.00	\$403.81	\$1,002.45	\$0.19	42,570	
	10	2LA35 97 CHEVY S-10 PICKUP 4X4	13,638	883	15.4	\$1,220.38	\$0.00	\$0.00	\$0.00	\$1,220.38	\$0.09	63,565	
	11	2LA39 99 CHEVY 3/4 4X4 PICKUP	15,425	1,323	11.7	\$1,860.34	\$0.00	\$0.00	\$0.00	\$1,860.34	\$0.12	36,597	
	12	2LA40 99 FORD 4X4 DIESEL PICKUP	10,005	888	11.3	\$1,217.51	\$0.00	\$0.00	\$0.00	\$1,217.51	\$0.12	67,160	
	13	2LA41 99 FORD 4X4 DIESEL PICKUP	14,563	1,137	12.8	\$1,539.60	\$0.00	\$0.00	\$0.00	\$1,539.60	\$0.11	80,422	
	14	2LA42 01 FORD F-150 4X4 PICKUP	20,230	1,374	14.7	\$1,855.46	\$896.15	\$0.00	\$896.15	\$2,751.61	\$0.14	43,730	
	15	2LA43 03 CHEVY 4X4 PICKUP	24,071	2,091	11.5	\$2,817.46	\$355.74	\$19.60	\$375.34	\$3,192.80	\$0.13	24,093	
*	16	2LA44 03 FORD RANGER PICKUP	16,080	1,007	16.0	\$1,475.95	\$265.68	\$0.00	\$265.68	\$1,741.63	\$0.11	3165	
	17	2LL06 98 FORD RANGER 4X4	13,433	826	16.3	\$1,584.62	\$287.00	\$0.00	\$287.00	\$1,871.62	\$0.14	69,153	
	18	2LL07 00 CHEVY S-10 SUPER CAB 4X4	6,421	470	13.7	\$606.45	\$30.78	\$0.00	\$30.78	\$637.23	\$0.10	20,349	
	19	2LL08 00 FORD DIESEL SUPER CAB 4X4	20,640	1,398	14.8	\$2,070.89	\$90.00	\$0.00	\$90.00	\$2,160.89	\$0.10	54,630	
	20	2LL09 00 FORD DIESEL SUPER CAB 4X4	12,700	843	15.1	\$1,252.91	\$80.00	\$0.00	\$80.00	\$1,332.91	\$0.10	38,290	
	21	2LL10 00 FORD F-250 SUPER CAB 4X4	14,441	1,320	10.9	\$1,925.52	\$267.40	\$0.00	\$267.40	\$2,192.92	\$0.15	47,280	
	22	2RA03 80 MACK TRUCK TRACTOR	2,166	659	3.3	\$644.15	\$63.56	\$0.00	\$63.56	\$707.71	\$0.33	4,484	
	23	2TA08 97 FORD 4X4 UTILITY TRK.	13,084	2,272	5.8	\$2,477.03	\$1,487.83	\$0.00	\$1,487.83	\$3,964.86	\$0.30	72,732	
	24	2TA09 01 CHEVY 4X4 UTILITY TRK.	19,198	1,915	10.0	\$2,627.69	\$0.00	\$0.00	\$0.00	\$2,627.69	\$0.14	38,739	
	25	2TA10 01 FORD F-350 UTILITY TRK	16,193	2,101	7.7	\$2,799.28	\$70.62	\$0.00	\$70.62	\$2,869.90	\$0.18	28,197	
	26	2V402 99 FORD WINDSTAR MINI VAN	6,828	346	19.7	\$596.18	\$66.27	\$0.00	\$66.27	\$662.45	\$0.10	28,828	

* 1CA05 WAS REPLACED BY 1CA08

* 1CA06 WAS REPLACED BY 1CA07

* 2LA37 WAS REPLACED BY 2LA44

* 2EA07 WAS PURCHASED IN JAN. 2002

* 2LA38 WAS REPLACED BY 2LA43