

10. Review and Recommendation on Papio Creek Watershed Structures S-27, S-31 and S-32 Rehabilitation Project Appraisal and ROW Negotiation Services Proposals – Marlin Petermann
11. Report on District Vehicle Use Policy – Marlin Petermann
12. Adjourn

Memorandum

To: Programs, Projects and Operations Subcommittee

Subject: Sarpy County Wastewater/Water Study – Phase 2

Date: September 6, 2006

From: Gerry Bowen

In August, 2004, the District approved an interlocal agreement with Sarpy County and others to study the water and wastewater treatment needs in predominantly the Platte River watershed in Sarpy County. The District contributed \$50,000 to that effort (total cost ~ \$400,000).

Mark Wayne, Sarpy County Administrator, has requested that that NRD consider contributing to Phase 2 of the study which will further define the type of system to be designed and built in the southwestern portion of the County (see attached scope). The final report that was adopted and incorporated into the Sarpy County Comprehensive Plan, called for new urban development in the county, except acreages, to have a regional wastewater system available for hook-up by these developments.

The total estimated cost of the Phase 2 study is \$100,000. The following stakeholders and the amounts requested are shown below:

Sarpy County	\$30,000
MAPA	\$30,000
Springfield	\$20,000
Gretna	\$10,000
P-MRNRD	\$10,000

An interlocal agreement will be prepared by Sarpy County for execution by the parties.

Management recommends that the Subcommittee recommend to the Board that the Acting General Manager be authorized to execute an interlocal agreement with Sarpy County, MAPA, and the Cities of Springfield and Gretna for Phase 2 of the Sarpy County Water/Wastewater Treatment study in the amount of \$10,000, subject to changes deemed necessary by the Acting General Manager and accepted as to form by the District Legal Counsel.

MEMORANDUM

TO: Programs, Projects and Operations Subcommittee

FROM: Martin P. Cleveland

SUBJECT: Site Specific Probable Maximum Precipitation Study for Nebraska

DATE: August 4, 2006

Enclosed is a letter from John Miyoshi, Lower Platte North NRD (LPNNRD), and associated proposal from Applied Weather Associates to conduct a state wide probable maximum precipitation (PMP) Study for the State of Nebraska.

PMP data is used in flood control project design, such as determining the probable maximum flood (PMF) storm event for a high hazard dam. If the data is incorrect it can lead to structures being over or under designed for PMF. State of Nebraska guidelines require NRD's to use HMR 51/52 (Hydro-Meteorological Report) rainfall data unless site specific data, which meets DNR guidelines has been generated. The three problems with the HMR data are:

1. The reports were generated in 1971 and include no rainfall events that have occurred over these past 35 years.
2. Decisions within the methodology have often proven to be over-conservative when analyzed for specific regions within the great plains.
3. New science and technologies generated over these past 35 years can now be applied to these predictive models.

Mike Sotak from Olsson and Associates is working on NRD's behalf with Dr. Edward Tomlinson of Applied Weather Associates from Monument, Colorado, who has conducted Site Specific PMP Studies across the United States. Given the Nebraska geographical location within the Great Plains, Dr. Tomlinson is confident the study will lower the PMP event 20 to 25% which means a potential construction savings to NRD's.

As an example, Lower Platte North NRD believes it could reduce their Sand Creek Watershed Dam construction cost by \$1 million. Similar cost reduction might be realized with Papio Creek Watershed Structures. In addition, it may benefit existing dams, in that rehabilitation costs may be less.

Nebraska Department of Natural Resources (DNR) is willing to allow LPNNRD to apply \$58,431 of the study costs LPNNRD NRDF application along with \$40,000 in funding from dam safety funds.

A potential funding scenario proposed by Lower Platte North NRD is:

ENTITY	PERCENT	DOLLARS
NRDF	27%	\$58,431
LPNNRD	21%	\$45,849
DNR	18%	\$40,000
P-MRNRD	16%	\$35,000
LPSNRD	8%	\$17,000
CPNRD	8%	\$17,000
LENRD	3%	\$ 6,000
	TOTAL	\$219,280

Management recommends that the Subcommittee recommend to the Board that the Acting General Manager be authorized to execute an interlocal agreement for the Papio-Missouri River NRD to cost share up to \$35,000 from the Papio Reservoirs Professional Services account for a Statewide Probable Maximum Precipitation Study for the State of Nebraska to be conducted by Applied Weather Associates.

Memorandum

To: PPO Subcommittee
Re: Wetland Mitigation Bank Site Study
Date: September 8, 2006
From: Paul Woodward, Water Resources Engineer

In February 2006, the Board postponed their consideration of purchasing property from Horgan Development Company near 132nd and State Street until a study could be completed to identify other comparable, privately-owned, unimproved properties in the Papillion Creek Watershed that might provide similar wetland and channel mitigation banking opportunities.

During the interim, District staff has retained Jacobsen Helgoth Consultants (JHC) to perform an evaluation of potential sites using existing geographic data. This study has resulted in the identification of 5 alternative sites which may provide similar wetland and channel mitigation opportunities. These five sites are shown on Figure 4 and listed in Table 4 along with the Horgan Site in the enclosed Wetland Bank Site Selection Report dated August 2006. Most of the sites would be able to produce at least 20 acres of Wetland Mitigation and 1000 ft of channel mitigation.

After identifying these locations, the District retained Midwest Right-of-Way (Midwest ROW) to contact the landowner of each site to determine their interest in selling property for use as a Wetland Bank Site. Midwest ROW also consulted Tom Stevens, MAI, to provide an estimate of each site's existing market value. Most landowners were potentially interested in selling the District either fee title or an easement. However, almost all landowners said that they would need additional information regarding each proposed site and would have to negotiate land costs.

Based on the findings of these studies, the site southwest of 132nd and State Street provides the most potential wetland and channel mitigation at the lowest land cost. In staff's opinion, previous concerns with potential contamination on this site have been adequately addressed by Douglas County and JHC. Therefore, it is the staff's recommendation that the prior Purchase Agreement with Horgan Development Company be reconsidered.

Management recommends that the Subcommittee recommend to the Board that the Wetland Bank Site Selection report and the Purchase Agreement with Horgan Development Company be considered at the October 2006 Subcommittee and Board meetings.

Memorandum

To: Programs, Projects and Operations Subcommittee

From: Paul Woodward, Water Resources Engineer

Date: September 8, 2006

Re: Papillion Creek Watershed Partnership Stormwater Management Policies

After consideration at the June 2006 Board meeting, the proposed Stormwater Management Policies were tabled for 3 months.

Since June, most of the communities have adopted the proposed Stormwater Policies in their entirety. These communities include Omaha, Papillion, La Vista, Bellevue, and Boys Town along with Sarpy County. However, Douglas County, Elkhorn, Ralston, Bennington, and Gretna are still considering the policies as part of their comprehensive or master plans.

In June, the Board also recommended that additional public input be gathered. A Public Forum was held on Thursday, July 20, 2006, to receive input on the proposed Stormwater Policies. Over 100 people attended the forum which included a presentation and public input period as well as information stations both before and after the meeting. A copy of the attendance list is enclosed for your information. An official meeting transcript of the meeting was recorded and previously distributed.

Public input and concerns raised at the Public Forum and other community and county public meetings, as well as questions posed by other public officials and the Papio NRD Directors are summarized in the enclosed fact sheet. The Fact Sheet describes what the policies “Do” and Don’t Do” and responds to the concerns which were raised.

After considering the actions of the other communities and counties and the concerns expressed, District staff recommends that the Stormwater Management Policies be adopted as an appendix to the District’s Policy Manual. The enclosed District Policy 17.16 includes such amendments for your consideration. In addition, staff has included the following conditions:

- As outlined in Policy Groups 1 and 2, the District intends to implement construction of Regional Detention and Water Quality Basins proposed in the conceptual Watershed Drainage Plan, as deemed necessary by the District and subject to available funding as determined by the District.
- The District will recommend to local zoning jurisdictions that Low Impact/Conservation Development strategies or best management practices be considered on all new development or significant redevelopment.

These conditions clarify that the District will continue to work on implementing Regional Reservoirs and Water Quality Basins provided the Board determines are appropriate and affordable. Furthermore, the District will recommend that all cities and counties require developers to consider Low Impact Development BMPs that reduce runoff and improve water quality.

Management recommends that the subcommittee recommend to the Board that the amended District Policy 17.16 - Urban Stormwater Management be adopted to incorporate the proposed Papillion Creek Watershed Partnership Stormwater Management Policies.

MEMORANDUM

TO: Programs, Projects, and Operations Subcommittee

FROM: Dick Sklenar, Project Manager

SUBJECT: Agreement Between South Sioux City/District Regarding
Dakota County Rural Water Service Area

DATE: August 30, 2006

Over the past several years, South Sioux City and the District's staff have held discussions regarding the expansion of the City's water distribution system within the Dakota County Rural Water service area. Although a draft agreement was formulated a few years ago, no action has been taken by either party to address the issue. South Sioux City is now in the process of constructing the "Westside Water Loop" project which will traverse portions of the Dakota County Rural Water system service area. The City's need for this water main is to loop their distribution system on the southwest part of town. Population and commercial growth within the community has precipitated the need to do this work. The attached map indicates the proposed location of the South Sioux City water main route and its relationship to the Dakota County Rural Water distribution system.

Part of the draft agreement (attached) entails that South Sioux City will take over 69 water accounts from the District and compensate the rural water system for the remaining value of the infrastructure that is affected. The rural water system lies on the outskirts of South Sioux City and frankly has reached capacity throughout most of the affected area due to the small water lines that are available.

The District staff believes that for the betterment of the community it is best that the rural water service for this area be relinquished. Should any additional consumers or developers that wish to be served by the City within a reestablished Dakota County rural water service area, written permission from the District must be achieved prior to serving that customer or area.

It is recommended that the Subcommittee recommend to the Board of Directors that the Acting General Manager be authorized to execute an agreement with the City of South Sioux City regarding future annexations of the Dakota County Rural Water service area subject to changes deemed necessary by the Acting General Manager and accepted as to form by the District's Legal Counsel.

MEMORANDUM

TO: Programs, Projects and Operations Subcommittee

FROM: Martin P. Cleveland

SUBJECT: Papio Creek Watershed Structures S-27, S-31 and S-32
Rehabilitation Project Appraisal and ROW Negotiation Services
Proposals

DATE: September 7, 2006

At the July 11, 2006 Subcommittee meeting, a project update memo was discussed with the Subcommittee. This memo indicated that right-of-way ROW acquisition activities (prepare legal descriptions, conduct title searches, acquire ROW appraisals and negotiate ROW) was planned to be completed by September 30, 2006. Legal Descriptions and title searches have been completed. Appraisals and ROW negotiation need to be completed.

Attached are proposals for appraisal preparation by Thomas E. Stevens and Associates and right-of-way negotiation by Midwest Right-of-Way Services, Inc. In accordance with District policy, these proposals need to be reviewed and approved by the Board of Directors, as the contract amounts exceed \$20,000. These contracts will be credited by the Natural Resources Conservation Service towards the District's 35% share of the project construction cost along with other ROW expenses, such as easement payments.

Management recommends that the Subcommittee recommend to the Board that the Acting General Manager be authorized to execute proposed contracts with Thomas E. Stevens and Associates with a maximum cost of \$20,700 and Midwest ROW Services, Inc. with a maximum cost of \$22,800, subject to changes deemed necessary by the Acting General Manager and approved as to form by District Legal Counsel.

MEMORANDUM

TO: Programs, Projects and Operations Subcommittee

FROM: Marlin J. Petermann, Acting General Manager

SUBJECT: Public Agency Vehicle Use Research

DATE: September 6, 2006

In response to Board of Directors action at June 15, 2006 Board Meeting, staff contacted other public agencies to determine what their policies are for staff use of agency vehicles. Enclosed is a summary table for your review. Also enclosed is a table with Papio-Missouri River NRD vehicles/positions, where the staff person is allowed to commute to work with the vehicle. These staff positions were assigned NRD vehicles due to on-call nature of their jobs (e.g. respond to water main breaks, flood event response) and for after hours meeting use.