

**Programs, Projects & Operations
Subcommittee Meeting
July 12, 2005
7:00 p.m.
Agenda**

Programs, Projects & Operations:

John Conley, Chairman
Rich Tesar, Vice-Chairman
Fred Conley
Rick Kolowski
Joe Neary

Alternate Members: Dorothy Lanphier
Jim Thompson

Staff Liaison: Gerry Bowen
Martin Cleveland *
Ralph Puls
Dick Sklenar
Paul Woodward

1. Meeting Called to Order – Chairperson John Conley
2. Quorum Call
3. Adoption of Agenda
4. Proof of Publication of Meeting Notice
5. Request from Vicki Fraser and Petitioners for Equestrian Use of Existing Mo-Pac Trail from Springfield South to Louisville – Vicki Fraser and Gerry Bowen
6. Review and Recommendation of Lower Platte River Corridor Alliance Cumulative Impact Study Interlocal Agreement – Frank Albrecht, Nebraska Game and Parks Commission, and Gerry Bowen
7. Review and Recommendation on Amendment #2 to Profession Services Contract with HDR for the West Papillion Watershed Floodplain Mapping Project – Laurie Carrette Zook, HDR, and Paul Woodward
8. Adjourn

Memo to: Programs, Projects, and Operations Subcommittees

Subject: MoPac Trail – Equestrian Usage of the Trail

Date: June 30, 2005

From: Gerry Bowen

On May 12, 2005, the Board voted to table this item for 60 days.

In the interim, the District has received several additional letters supporting this proposed usage. These letters are attached for your review.

The staff recommendation remains the same from the May 3, 2005 memo, which is also attached.

“Management recommends that the Subcommittee recommend to the Board that the District provide 50% cost share on the adaptation of the Mopac Trail corridor for equestrian usage on a separate trail from pedestrian/bicycle trail users, subject to the availability of a equestrian trailhead at the north end of the trail (Springfield), and that a Citizens Equestrian Advisory Committee be formed to assist with fundraising and the adaptation of the trail.”

Memo to the Programs, Projects and Operations Subcommittee

Subject: Lower Platte River Cumulative Impact Study (CIS) – Phase 2

Date: July 6, 2005

From: Gerry Bowen

The District, through the Lower Platte River Corridor Alliance (LPRCA), has cost-shared with the Nebraska Game and Parks Commission and others to develop a scope of services (Phase 1) for a Cumulative Impact Study of the Lower Platte River in eastern Nebraska. NGPC contracted with the Corps of Engineers (COE) to conduct a Section 22 Planning study to develop this scope of services. The District contributed \$2,000 towards the \$40,000 contract, as did the following partners:

- Nebraska Game and Parks Commission (NGPC)
- Lower Platte South NRD (LPSNRD)
- Lower Platte North NRD (LPNNRD)
- Nebraska Department of Natural Resources (NDNR)
- Nebraska Department of Roads (NDOR).

The scope of services is now complete and is attached for your review. The US Geological Service's (USGS) pre-proposal is also a part of the scope.

The NGPC intends to proceed with the implementation of Phase 2 of the study, which is to gather the available data over six time periods (2004, 1993, 1971, 1955, 1938, and 1850) and to convert the data into a geographic information system (GIS). Two contracts are anticipated; one with the USGS for hydrological and geomorphic (depth and velocity) data, and one with the COE for the various habitat and land use indices. The total cost of Phase 2 is estimated to be \$450,000, of which \$169,800 (\$125,000 from the COE, and \$44,800 from the USGS) is federal funds. The non-federal match is proposed to be distributed as follows:

• NGPC	\$15,000
• LPSNRD	\$15,000
• LPNNRD	\$15,000
• NDOR	\$15,000
• P-MRNRD	\$15,000
• Metropolitan Utilities District (MUD)	\$15,000*
• Lincoln Water System	\$15,000*
• In-Kind Contributions	\$15,000
• NE Environmental Trust (NETF)	<u>\$165,200</u>
	\$280,200

MUD and LWS contributions are tentative. If these entities choose not to participate, the request to the NETF will be increased to complete the non-federal match for the project.

In order to accomplish the above, the interlocal agreement needs to be amended (Amendment 1) to include new partners (both funding and non-funding), and a new addendum (Addendum B) showing partner financial contributions (see attached). The LPSNRD will become the contracting entity with coordination through the LPRCA. The new partners in the interlocal agreement are:

- Lower Platte River Corridor Alliance (LPRCA)
- Nebraska Land Trust (NLT)
- USGS
- US Fish and Wildlife Service (USF&WS)

- University of Nebraska – Lincoln (UNL)
 - Center for Advanced Land Management Information Technologies (CALMIT)
 - MUD
 - LWS
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- **Management recommends that the Subcommittee recommend to the Board that the General Manager be authorized to execute the proposed Amendment 1 and Addendum B to the multi-agency revised Lower Platte River Cumulative Impact Study Interlocal Agreement, subject to changes deemed necessary by the General Manager and approval as to form by District Legal Counsel.**

Memorandum

To: Programs, Projects and Operations Subcommittee
From: Paul Woodward, Water Resources Engineer
Date: July 6, 2005
Re: Amendment #2 to Professional Services Contract for West Papio Watershed Floodplain Remapping Project

In March 2005, the Board approved Amendment #1 to a professional services contract with HDR Engineering Inc. to develop new and/or updated flood hazard data for the West Branch Papillion Creek and its Tributaries, bringing the total amount not to exceed to \$410,480. A federal grant in the amount of \$349,900 had previously been secured through the Federal Emergency Management Agency (FEMA) for the project. HDR has since completed much of the hydraulic analysis needed to determine the new base flood (100-yr) elevations. The flood elevations have increased in most locations including the lower reaches of the West Papillion Creek (downstream of Giles Road) where the District's flood control channels and levees are located. Due to these increases, FEMA is requiring a more detailed analysis of this reach and has indicated a willingness to provide additional grant funding to complete the analysis. The attached special problems report outlines the alternatives that need to be studied.

In general, the additional HDR services relate to determining base flood elevations with and without the levee system in place. The scope also includes some non-FEMA fundable preliminary analysis of alternatives that could be implemented to maintain the current level of flood protection currently provided by this system. HDR's proposed scope and fee for work under this amendment is attached for your consideration. In all, HDR is requesting an increase in the maximum fee of \$75,900.

In order to offset this added cost, District staff has negotiated an additional grant from FEMA. A grant application in the amount of \$42,600 has been prepared and is attached. This would leave \$33,300 of additional costs for the District, making the NRD's total contribution to the project of \$93,780, or nearly 20%.

In conclusion, additional services under amendment #2 for this floodplain mapping project are estimated to cost an extra \$75,800, increasing the maximum fee from \$410,480 to \$486,280. FEMA grants totaling \$392,500 cover about 80% of the costs. The staff does believe that the additional work is justified and necessary to develop complete and accurate floodplain mapping for the West Papio Watershed.

Management recommends that the Subcommittee recommend to the Board that the General Manager be authorized to execute the enclosed grant application to FEMA and Amendment #2 to the professional services contract with HDR Engineering, Inc. for the West Papio Watershed Flood Plain Remapping Project which provides for an increase in the maximum fee to \$486,280, subject to changes deemed necessary by the General Manager and approval as to form by District Legal Council.