

**Programs, Projects & Operations
Subcommittee Meeting
December 7, 2010
6:40 p.m.
(Or Immediately Following the PLPA Meeting)
Agenda**

Programs, Projects & Operations:

John Conley, Chairman
Fred Conley, Vice-Chairman
David Klug
Rich Tesar
Jim Thompson

Alternate Members: Gus Erickson
Tim Fowler

Staff Liaison: Gerry Bowen
Martin Cleveland
Amanda Grint *
Ralph Puls
Dick Sklenar

1. Meeting Called to Order – Chairperson John Conley
2. Notification of Open Meetings Act Posting and Announcement of Meeting Procedure – Chairperson John Conley
3. Quorum Call
4. Adoption of Agenda
5. Proof of Publication of Meeting Notice
6. Review and Recommendation on Burt-Washington Drainage District Request for Funding for the Burt County Drainage Ditch Cut Off Project – Jim Becic and Mark Mainelli, Mainelli Wagner and Associates
7. Review and Recommendation on Nebraska Game and Parks Request for Cost Share Assistance for Debris Removal at Lied Platte River Bridge – Gerry Bowen and Chris Lemke, Nebraska Game and Parks
8. Review and Recommendation on Zorinsky Basin No. 1 Interlocal Agreement with City of Omaha – Gerry Bowen and Pat Slaven, City of Omaha
9. Review and Recommendation on Waterloo Levee Design Interlocal Agreement – Amendment #4 – Amanda Grint; Stan Benke, Village of Waterloo; and Lalit Jha, JEO
10. Adjourn

MEMORANDUM

To: Programs, Projects and Operations Subcommittee

Re: Burt-Washington Drainage District

Date: 12-1-2010

Updated: December 3, 2010

From: Jim Becic

The Burt-Washington Drainage District (Drainage District) is requesting a 50% cost share, not to exceed \$3 million for the funding of the Burt County Drainage Ditch Cutoff Project - Bruncker Ditch – (enclosed 5 November, 2010 correspondence).

The project is designed to intercept the southerly flows from the existing Combination Ditch approximately seven miles north of Tekamah, Nebraska and divert them to the east into the Missouri River. This diversion would relieve much of the drainage pressure from the remaining miles of the Combination Ditch, Tekamah Diversion Ditch, etc.

The Drainage District opened construction bids for the Cutoff Project on the 19th of November and the apparent low bidder, Dixon Construction Company out of Correctionville, IA, was close to the engineer's estimate of \$2,807,000.

Historically, the Papio-Missouri River NRD (NRD) has collaborated closely with the Drainage District and taken the approach to control flooding and sediment runoff by focusing its efforts on upstream areas rather than bottomland drainage projects. Projects specific to Burt County that benefit by this approach, include the eleven structures in the completed Tekamah/Mud Creek Watershed (Summit Lake, etc.) and the ongoing Silver Creek Watershed.

The Silver Creek Watershed (attachment) is directly west of the proposed Bruncker Ditch Project. Since its inception, the NRD has constructed 21 structures and spent or committed approximately \$3.33 million on these erosion control/sediment reduction dams and soil and water conservation practices within this watershed. A "Special Watershed" status approved by the NRD Board has additionally allowed a higher cost share rate for conservation practices in the Silver Creek watershed.

Therefore, it is Management's recommendation that the Programs, Projects and Operations Subcommittee recommend to the Board that the Burt-Washington Drainage District funding request for the Bruncker Ditch Cutoff Project be denied and that Management work with the Drainage District and NRCS to select a recommended Special Watershed Project Area for consideration of planning and implementation by the Board.

Memorandum

To: Programs, Projects and Operations Subcommittee

Subject: Nebraska Game and Parks Request for Cost Share Assistance for Debris Removal at Lied Platte River Bridge

Date: December 1, 2010

From: Gerry Bowen

The District received a request from the Nebraska Game Parks Commission (NGPC) for cost share assistance to remove debris accumulated from flooding last June on the upstream side of the Lied Platte River Bridge (see attached letter).

NGPC has applied for and received approval for FEMA disaster assistance to remove the debris. The estimated cost of the removal is \$280,000, of which 75% (\$210,000) is provided by FEMA. The remainder is the local share, or \$70,000. The NGPC is requesting that the Papio and Lower Platte South NRDs equally split this local share of the costs, or \$23,330 each.

The two NRDs own the bridge, but have leased the bridge and trail project to NGPC for a period of 30 years. The lease was dated November 25, 2002. The Operation and Maintenance Manual, Exhibit "E" to the lease (attached) calls for NGPC to perform routine operation and maintenance items, including debris removal. The manual does allow for cost sharing by the NRDs in the event of "catastrophic conditions". The June, 2010 flood produced higher than normal debris in the Platte River, thus the disaster declaration by FEMA.

The Lower Platte South NRD staff is recommending approval of the request to their Board of Directors. A subcommittee of their Board will meet next week to consider the request. Management recommends approval.

- **It is recommended that the Subcommittee recommend to the Board that the District cost share equally with the Nebraska Game and Parks Commission and the Lower Platte South NRD on the non-federal share of the cost for debris removal at the Lied Platte River Bridge resulting from the June, 2010 flood, in an amount not to exceed \$23,330.**

Memorandum

To: Programs, Projects and Operations Subcommittee

Subject: Zorinsky Basin #1 Interlocal Agreement with City of Omaha

Date: December 2, 2010 Updated: December 3, 2010

From: Gerry Bowen

The City of Omaha developed a “Community Based Watershed Management Plan for Zorinsky Lake” a number of years ago. Included in the plan were four structures to retain sediment and improve water quality in the lake. Two of these structures are completed, Whitehawk (192nd & F), a joint City/NRD project, and West Bay Woods (184th & Ontario) installed by the City. The remaining basins, Zorinsky Water Quality Basins #1 and #2 have been included in the Papillion Creek Partnership’s (PCWP) evaluation of the water quality and structural flood control needs of the Papillion Creek Watershed.

In June, 2009, the District adopted the PCWP Watershed Management and Implementation Plan (see attached) that included structural components. The Zorinsky Basin #1 was included in the first three-year implementation period. The attached agreement summarizes the roles of the District and the City of Omaha for the construction, operation and maintenance of the project.

Zorinsky Basin #1 is located northwest of the intersection of Nebraska’s Highway 92 and 31 (West Center Road). The attached map shows the location of the structure, permanent pool, flood pool, access routes, and the mitigation areas needed for the project.

The District will be responsible for the following:

- Design and construction of the project, including mitigation areas.
- Acquisition of the necessary rights-of-way.
- Operation and maintenance of the completed structure.

The City will be responsible for the following:

- Operation, management and regulation of the permanent pool, the flood pool, and the mitigation areas.

The District has applied for funding assistance from the Nebraska Department of Environmental Quality’s 319 program.

Management recommends approval of the attached interlocal agreement.

- **It is recommended that the General Manager be authorized to execute the proposed Interlocal Cooperation Act Agreement with the City of Omaha for the Zorinsky Water Quality Basin #1 Project.**

Memorandum

To: PPO Subcommittee

Re: Waterloo Levee Design Interlocal Agreement Amendment #4

Date: December 1, 2010

From: Amanda Grint, Water Resources Engineer

In June of 2008, the Board entered in to an interlocal agreement with the Village of Waterloo to cost share (50/50) on the design of the levee improvements in order to certify the levee for Federal Emergency Management Agency (FEMA) accreditation. JEO Consulting Group was retained by the Village to perform the study and levee design for \$396,580. Subsequent amendments followed in August 2009, November 2009 and March 2010 to amend to the JEO contract to \$660,580 and an additional \$28,000 to SEH for an independent review required by the Corps of Engineers.

Since March 2010, additional meetings between the stakeholders, USACE and FEMA have occurred and additional direction has been provided. The process to obtain a permit to modify the federal levee and stay in the USACE PL-8499 program along with attempting to meet the FEMA timelines for accreditation of the levee and the impending remapping effort has been time consuming and costly. The proposed Contract Amendment #4 from JEO Consulting addresses issues that increased the scope of work.

A summary of JEO's Contract Amendment #4 is as follows:

- Additional revisions to obtain necessary easement and right of way
- Additional Floodplain analysis and coordination with USACE Hydrology section and FEMA's national contractor
- Coordination with Omaha Public Power District
- Additional coordination and printing costs associated with the USACE 408 submittal
- Coordination with Nebraska Game and Parks

The total amount of JEO's Contract Amendment #4 is \$25,263 which brings the total amended contract with JEO to \$685,843. District is asked to consider an amendment to the Interlocal Agreement allowing for an increase to include 50% of JEO's Contract amendment #4, \$12,632.00. This amendment would increase the District's overall contribution to \$356,922.

Management recommends that the Subcommittee recommend to the Board of Directors that the General Manager be authorized to execute a revised Interlocal Agreement with the Village of Waterloo that provides for the equal sharing of the levee design costs up to \$356,922 subject to changes deemed necessary by the General Manager and District Legal Counsel.