

**Programs, Projects & Operations
Subcommittee Meeting
September 11, 2007
6:30 p.m.
Agenda**

Programs, Projects & Operations:

John Conley, Chairman
Rich Tesar, Vice-Chairman
Fred Conley
David Klug
Rick Kolowski

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. 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 Contract for Design and Engineering of Pigeon/Jones Site #15 Dam Project – Ralph Puls and Mike Sotak, Olsson Associates
7. Review and Recommendation on Interlocal Agreement with Newport Hill (SID #544) for Trail and Storm Sewer Connections to Prairie View – Gerry Bowen
8. Review and Recommendation on Floodplain and Mapping Assistance Agreement with South Sioux City – Paul Woodward
9. Adjourn

MEMORANDUM

TO: Programs, Projects, and Operations Subcommittees

FROM: Ralph Puls

SUBJECT: Pigeon/Jones Site #15 Design Contract

DATE: September 5, 2007

At its July 11, 2007 meeting, the Natural Resources Commission approved the District's application for Nebraska Resource Development Funds (NRDF) for the Pigeon/Jones Site #15 multi-purpose dam and reservoir project. A January 22, 2007 recommendation from the Director of Natural Resources and a July 12, 2007 letter from the Department of Natural Resources noting that approval are attached. The letter states that due to the unavailability of funds at this time, no dollars can be allocated to the project at this time. However, it is understood that the P/J site #15 project will be funded in the future as funds become available.

The schedule developed for this project calls for the consultant, Olsson Associates, to do the final design of the Site #15 Dam, as well as design the downstream levee improvements and upstream county road improvements. Olsson Associates has submitted a proposed contract for that work which staff has reviewed and a copy for the Subcommittee's review accompanies this Memo. Also attached is a recently revised project Master Plan and Fact Sheet that describes the project; the Fact Sheet notes that the project meets all criteria including Technical, Economic, Environmental and Financial Feasibility required by the Natural Resources Commission. The Fact Sheet also shows an up to date schedule for the various components of the project and a cost breakdown of State, County and NRD contributions. The contract for Professional Service fees for this phase of the project is for a maximum of \$534,573.

Staff recommends that the Subcommittee recommend to the Board of Directors that the General Manager be authorized to execute a professional services contract with Olsson Associates for the final design of Pigeon/Jones Watershed Site #15 Dam, downstream improvements and upstream county road improvements for a maximum, not to exceed fee of \$534,573, subject to changes deemed necessary by the General Manager and approved as to form by District Legal Counsel.

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Memorandum

To: Programs, Projects, and Operations Subcommittee

Subject: Interlocal Agreement with Newport Hill Subdivision

Date: September 6, 2007

From: Gerry Bowen

In April, 2007, the District was approached by the developers of the Newport Hill Subdivision (SID #544) located immediately north of the Prairie View Recreation Area about the possibility of building a connecting trail from their area to the park trail. In addition, they would also like to install three storm sewers through park property and outlet near the water surface of Prairie View.

Staff has met with the developers and concurred on the conceptual plans. The attached interlocal agreement covers the aspects of the project. All design and construction costs for both the trail and the storm sewers will be paid by the developers. The storm sewers will be maintained by the SID. In addition, if the trail or storm sewer needs to be relocated to better allow for our operation and maintenance of the recreation area, these costs will also be borne by the SID.

The District considered the interlocal agreement with the Newport Hill development in April and decided to delay action on it until Douglas County and NRD staff had approved the low impact development (LID) best management practices planned by the developer.

Since that time, the Douglas County Board has approved an interlocal agreement between Douglas County and the City of Bennington, indicating their approval of the best management practices planned in the development. The City of Bennington is managing the project since it lies predominantly in their zoning jurisdiction.

NRD staff had some additional issues that the developer's engineer was asked to address concerning the design of the best management practices and detention facilities. The District staff has reviewed the calculations provided by the engineer, and has determined that the reduction in runoff from this development is consistent with District policy. The post-development conditions show a "no net increase" in the 2, 10, and 100 year storm runoff when compared to pre-development conditions. In addition, the outlet velocities from the proposed storm sewers meet District requirements.

Therefore, Management recommends approval of the attached agreement.

- **It is recommended that the Subcommittee recommend to the Board that the General Manager be authorized to execute an interlocal agreement with Douglas County SID #544 (Newport Hill) providing for the installation by SID #544 of a trail and storm sewer outlets in the Prairie View Recreation Area, subject to changes deemed necessary by the General Manager and approved as to form by District Legal Counsel.**

Memorandum

To: PPO Subcommittee

Re: Floodplain and Mapping Assistance for South Sioux City

Date: August 28, 2007

From: Paul Woodward, Water Resources Engineer

During the floodplain scoping project in Dakota County, the District worked with the City of South Sioux to identify floodplain mapping needs within their community. As a result of this scoping project, the District has secured federal Cooperating Technical Partner funding from FEMA to update all of Dakota County (see attached map), including a new detailed study on the west side of South Sioux City. The District is currently in the process of selecting an engineering firm to perform the flood hazard studies and mapping.

Of the estimated \$183,000 necessary to complete the county-wide mapping project, the federal grant will cover \$138,000, leaving \$45,000 to be funded locally. Therefore, an agreement between South Sioux City and the NRD has been drafted to split these costs and is enclosed for your consideration. Major provisions of this agreement are as follows:

- The NRD would retain an engineering consultant to perform the scope of work as agreed to between the NRD and FEMA.
- South Sioux City would cost-share 50/50 with the NRD on project costs not covered by federal or state funding up to a maximum of \$25,000 apiece.
- South Sioux City would agree to enforce and eventually adopt the maps once they are completed (around March 2009).

In summary, the District and South Sioux City would equally share the non-federal and non-state cost up to a maximum of \$25,000 each to prepare revised floodplain maps for the South Sioux City area.

Management recommends that the Subcommittee recommend to the Board that the General Manager be authorized to execute the Agreement with South Sioux City for Flood Mitigation and Mapping Assistance not to exceed \$25,000, subject to changes deemed necessary by the General Manager and approved as to form by District Legal Counsel.