

**Programs, Projects & Operations  
Subcommittee Meeting  
March 9, 2004  
8:00 p.m.  
Agenda**

**Programs, Projects & Operations:**

John Conley, Chairperson  
Rich Jansen, Vice-Chairperson  
Tim Fowler  
Joe Neary  
Rich Tesar

**Alternate Members:** Dick Connealy  
Pete Rubin

**Staff Liaison:** Gerry Bowen  
Jerry Herbster  
Ralph Puls \*  
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. PL 566 Program - Marvin Brown, NRCS; and Martin Cleveland
  - a. Update on Papio Creek Watershed PL 566 Structures S-27, S-31 and S-32 Rehab Assistance
  - b. Review and Recommendation on Proposal for Papio Creek Watershed PL 566 Structure W-3 and Turtle Creek Watershed PL 566 Structure #2 Breach Analysis Assistance
6. Review and Recommendation on Western Douglas County Trails Plan – Gary Lozano, RDG Crose Gardner Shukert; and, Gerry Bowen
7. Review and Recommendation on Savanna Shores/Walnut Creek Project – Jeff Elliott, E&A Consulting Group; and, Gerry Bowen
8. Review and Recommendation on Mopac Trail Engineering Fees – Contract with E&A Consulting Group – Greg Woods, E&A; and Gerry Bowen
9. Review & Recommendation on Elkhorn River Access Feasibility Study---Kevin Strehle, BCDM & Dick Sklenar
10. Other Items of Interest
11. Adjourn

## **MEMORANDUM TO PROGRAMS, PROJECTS AND OPERATIONS SUBCOMMITTEE:**

**SUBJECT:** Update on Papio Creek Watershed PL 566 Structures #S-27, S-31 and S-32 Rehabilitation Assistance and Proposal for Papio Creek Watershed PL 566 Structure #W-3 and Turtle Creek Watershed PL 566 Structure #2 Breach Analysis Assistance

**DATE:** February 24, 2004

**BY:** Martin P. Cleveland, P.E., Construction Engineer

Approximately two years ago, the USDA – Natural Resources Conservation Service (NRCS) initiated a dam rehabilitation assistance program to address the needs of aging dams throughout the United States, in particular those dams built through their Public Law (PL) 566 Program. The PL 566 Program has been designing/building dams for about 65 years.

The District owns/operates 70 dams, 50 of which were built via the PL 566 Program. The District's PL 566 dams range in age from 1962 to 1997. The NRCS has identified 3 District dams (S-27, S-31 and S-32) that are eligible for the rehabilitation funding, primarily as the result of the proximity of residential units downstream of these dams and potential damage to structures and human life if the dams would fail (breach). These dams are located in Bellevue area, near 36<sup>th</sup> Street and Capehart Road.

At the May 8, 2003 Board of Directors meeting, Memorandum of Understanding Agreements (MOU) between the NRCS and the District for S-27, S-31 and S-32 were approved. The MOU outlines the cost share split for design, land rights and construction. Federal funding for the project will be up to 65 percent of the total costs of the rehabilitation project, but will not exceed 100 percent of the actual construction costs incurred in the rehabilitation. NRD would be responsible for all land rights and permits. At this stage of the project the rehabilitation costs have not been estimated, as the specific design is unknown. Rehabilitation work is subject to available funding of both NRCS and NRD. Attached is a status report by NRCS related to the before –mentioned dams.

During fall 2003, the NRCS inspected potential dam rehabilitation sites (Papio Creek Sites #D-20, D-38, S-6, S-21, S-35, W-3, W-6, W-16 and W-42; Tekamah-Mud Creek Site #6-2; Turtle Creek Site #2). The NRCS review team concluded that 2 sites, Papio Creek Site #W-3 and Turtle Creek Site #2 were potentially eligible for Rehabilitation Program. Attached are study reports for these two sites. Additional investigation (breach analysis) by the NRCS is needed in order to conclude the site eligibility.

**It is Management's recommendation that the Subcommittee recommend to the Board that the District request that the NRCS conduct a breach analysis for Papio Creek Site #W-3 and Turtle Creek Site #2 to determine if they are eligible for the NRCS Rehabilitation Program.**

Memo to the Programs, Projects and Operations Subcommittee

Subject: Western Douglas County Trails Plan

Date: February 27, 2004

From: Gerry Bowen

The District, in cooperation with the Cities of Elkhorn, Valley, and Waterloo, Douglas County, MAPA, and the YMCA, hired a consultant to prepare a trails plan for Western Douglas County. The final draft of the plan has been prepared. An electronic version of the plan is available on the NRD's web site.

Phase 1 of the plan would identify and construct a trail connecting Valley, Waterloo, and Elkhorn with the Omaha trails system, and provide for future connection to a trails system in Fremont.

**It is recommended that the subcommittee recommend to the Board that the Western Douglas County Trails Plan be adopted.**

Memo to the Programs, Projects, and Operations Subcommittee

Subject: Savanna Shores/Walnut Creek Project

Date: February 27, 2004

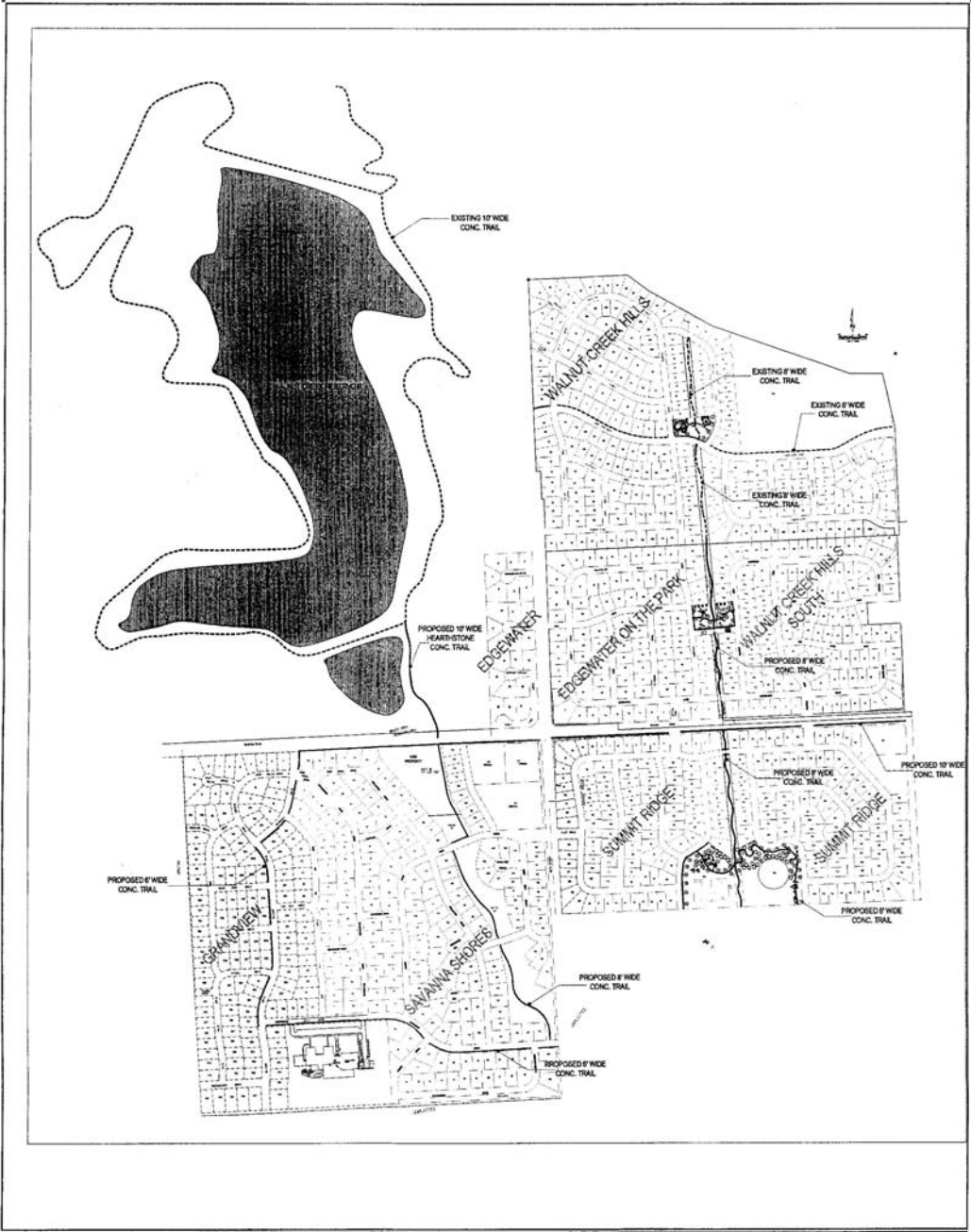
From: Gerry Bowen

On December 11, 2003, the Board approved an interlocal agreement with the Boyer Young Development Company and Sarpy County SID #249 (Savanna Shores Subdivision) located south of Walnut Creek Recreation Area. The agreement called for the SID/Developer to rehabilitate a sediment basin and to construct a trail connecting the subdivision to Walnut Creek. The NRD would cost share \$100,000 for the basin rehabilitation and trail construction, plus allow the SID/Developer to improve 1.5 acres of wetland on NRD property to satisfy mitigation requirements.

The Corps of Engineers is now requiring the SID/Developer to mitigate an additional 1.5 acres. They have requested that the NRD provide the additional mitigation acres at Walnut Creek upon payment of \$50,000. The attached addendum reflects this arrangement.

In addition, the insurance requirements for profession engineers and contractors are being changed to reflect changes in the insurance industry.

**It is recommended that the subcommittee recommend to the Board that the General Manager be authorized to execute an amendment to the Savanna Shores/Walnut Creek Interlocal Agreement to provide an additional 1.5 acres of NRD property for wetland mitigation upon payment of \$50,000 by the SID/Developer, subject to minor changes deemed necessary by the General Manager and acceptance as to form by District Legal Counsel.**



Scale	1" = 100'
North Arrow	North

GRANDVIEW, SAVANNAH SHORES, SUMMIT

Memo to: Programs, Projects, and Operations Subcommittees

Subject: Mopac Trail Engineering Fees – Contract with E&A Consulting Group

Date: January 29, 2004

From: Gerry Bowen

On May 13, 1999, the District hired E&A Consulting Group (EACG) to provide engineering services for the Mopac Trail Project (Springfield to the Platte River segment). The contract amount was for \$171,927.

On August 9, 2001, the Board voted to increase the “not-to-exceed” amount of the contract with EACG for engineering services on the Mopac Trail Project (see attached memo) from \$171,927 to \$217,507.

On February 6, 2003 (see attached), EACG submitted another request for an increase in the “not-to-exceed” amount of the contract in the amount of \$5,592. The increase fees resulted from changes in the project needed to accommodate adjacent landowners. This request was not presented to the Board at that time since the project was not yet completed, and the possibility existed that additional requests may be received.

On February 14, 2004, EACG submitted a third request (see attached) for another fee increase to complete the project (see attached). This request covers additional tasks not included in the revised scope of services that the EACG was asked to perform to satisfy landowner requests made necessary to acquire right-of-way for the project. In addition, EACG is requesting an adjustment for increased hourly rates for construction observation that have occurred since the original contract was written in 1999.

The total increase in fees totals \$27,306.86 (\$10,995.58 for additional services, \$10,379.29 for increased hourly rates, and \$5,931.99 for inflation). Therefore, EACG is requesting an increase in the contract amount from \$217, 507.00 to 244,813.86.

**It is recommended that the Subcommittee recommend to the Board that the maximum amount of the contract with E and A Consulting Group for engineering services on the Mopac Trail Project be increased form \$217, 507.00 to \$244,813.86.**

## MEMORANDUM

TO: Projects, Planning and Operations Sub-Committee

FROM: Dick Sklenar

SUBJECT: Elkhorn River Access Feasibility Study

DATE: March 1, 2004

Attached is the Elkhorn River Access Feasibility Study that has recently been completed by Beringer, Ciaccio, Dennell, and Mabrey (BCDM) (formally Ciaccio Dennell Group). The study entails an in-depth analysis of developing public access points to the river within our District. Due to ease of maintenance and visibility, all sites (except for one) were adjacent to bridge crossings over the Elkhorn River.

To conclude the study report, property owners at the most desirable access location were contacted. Based on responses from property owners, three of the sites (West Dodge Road, Maple Street, Q Street) are favorable for development. Of the three sites mentioned, it appears that two of these sites will have sponsors to operate and maintain their respective location. The YMCA has agreed verbally to do this for the site at "Q" Street, and the Village of Waterloo has also agreed on the condition that the J.C. Robinson Seed Company donates the property to the Village.

The West Dodge Road access point is also a viable location for development. In this instance, the property owners have provided verbal consent to donating the property that is necessary for development with the provision that the site be named after a family member.

In summation, three of the six locations appear at this time to be very probable for developing public access to the Elkhorn River. The first priority site for development is recommended to be at West Maple Road.

**The staff recommends that the Sub-Committee recommend to the Board of Directors that the Elkhorn River Access Study be accepted and implemented, and that a proposal for professional services be negotiated with BCDM for design and construction of the West Maple Road public access site.**

**HARD COPY OF REPORT WILL BE SENT TO DIRECTORS VIA MAIL.**