

**Programs, Projects & Operations  
Subcommittee Meeting  
April 7, 2009  
6:45 p.m.  
(immediately following the FEL Subcommittee Meeting)  
Agenda**

**Programs, Projects & Operations:**

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

**Alternate Members:** Fred Conley  
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 Stonecrest Trail Access to Chalco Hills – John Winkler
7. Review and Recommendation on Papio Creek Watershed Structure W-3 Rehabilitation Project
  - a. Project Agreement – Martin Cleveland and Chuck Leinen
  - b. Professional Services Contract – Martin Cleveland and John Cambridge, HDR
8. Review and Recommendation on FY 2010 Urban Cost Share Programs
  - a. Recreation Area Development Program – Gerry Bowen
  - b. Urban Drainageway Program – Gerry Bowen
  - c. Urban Conservation Assistance Program – Gerry Bowen
  - d. Stormwater Best Management Practices Program – Lori Laster

9. Review and Recommendation on Amendments to 17.0 District Programs – Urban Conservation Assistant Program – Gerry Bowen
10. Review and Recommendation on Waterloo Interlocal Agreement for Construction of Levee Improvements – Amanda Grint
11. Adjourn

# Memorandum

To: PPO Subcommittee

Re: Public Trail Access Stonecrest Subdivision

Date: April 3, 2009

From: John Winkler, General Manager

District management and Directors have been approached by the Stonecrest S.I.D regarding the approval of a pedestrian trail access from their neighborhood into the Wehrspann/Chalco Hills Recreation Area. The purpose of the access would be to allow the residents of the neighborhood a convenient and safe access point to the current trail system of the recreation area (please see attached maps for site location).

District management informally proposed this access to the U.S. Army Corp of Engineers for their approval a number of months ago, and the Corps indicated they had objections to any additional access points to the recreation area but would review a more formal proposal by the Board of Directors. Per the attached 1987 Public Access Agreement with the U.S. Army Corps of Engineers the District has agreed to follow the Corps public access rules and regulations and as you know the District only leases the property from the COE and any modifications or additions the District proposes must be approved by the Corps.

The Stonecrest S.I.D. has indicated a willingness to financially contribute to the construction of the access trail and to monitor the closing of the access gate if the access trail is ultimately approved. The S.I.D. does own an out lot in which the access point could be constructed and parking for the general public could be provided outside of the recreation area.

**Therefore, management recommends that the subcommittee recommend to the Board of Directors that the General Manager be authorized to seek “formal” approval from the U.S. Army Corps of Engineers to authorize a public access point for the Stonecrest S.I.D. Sarpy County Nebraska.**

# Memorandum

TO: Programs, Project and Operations Subcommittee

FROM: Martin P. Cleveland, Construction Engineer

SUBJECT: Papio Creek Watershed PL566 Structure W-3  
Rehabilitation Project Agreement

DATE: March 30, 2009

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In 2001, 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 83 dams, 50 of which were built via the PL 566 program. The District's PL 566 dams were built in the period from 1962 to 1997. Papio Creek Structure #W-3 was built in 1983 by the District. Attached is a location map. In March 2005, the District initiated dam rehabilitation with NRCS on Papio Creek Watershed Structure #W-3 via execution of Memorandum of Understanding for rehabilitation assistance.

The NRCS has completed draft plans for the proposed rehabilitation project. The existing dam is to be upgraded to a high hazard dam with new concrete principal spillway.

Enclosed is the Papio Creek Watershed Structure W-3 Project Agreement for your review. This agreement provides for rehabilitation (with cost share and estimated costs for referenced dam). This agreement is subject to NRCS and NRD funding. NRCS funding is to come from Economic Stimulus Act. Note attached ARRA Action Plan schedule. This project was selected by NRCS for Stimulus Funding as a result of early construction start potential.

<b>Works of Improvement</b>	<b>Sponsors (NRD)</b>	<b>NRCS</b>	<b>Estimate Project Costs</b>
#W-3	\$471,154.00 (2)	\$875,000.00	\$1,346,154.00 (1)
	(35%)	(65%)	(100%)

1. Estimated Project Costs do not include NRCS Engineering and Project Administration costs. NRCS pays for 100% of planning and engineering costs.
2. Sponsor (NRD) is required to secure land rights for this structure and this cost is credited towards sponsor's 35%.

**It is Management's recommendation that the Subcommittee recommend to the Board that the General Manager be authorized to execute the proposed Papio Creek Watershed Structure #W-3 Project Agreement with NRCS for rehabilitation of PL 566 Grade Stabilization Structure Papio Creek Structure #W-3, subject to changes deemed necessary by the General Manager and approved as to form by District Legal Counsel.**

# Memorandum

TO: Programs, Project and Operations Subcommittee

SUBJECT: Papio Creek Watershed Structure W-3 Rehabilitation Project  
Professional Services Contract

FROM: Martin P. Cleveland, Construction Engineer

DATE: April 6, 2009

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The proposed Structure #W-3 Project Agreement with Natural Resources Conservation Service (NRCS) to be considered by the Subcommittee on April 7, 2009 requires a fast track approach to the local sponsor's tasks as follows:

1. Prepare legal descriptions and easements.
2. Acquire easements for structure rehabilitation.
3. Prepare easement appraisals and review appraisal.
4. Acquire permits (Corps of Engineers 404 nationwide permit, Nebraska Department of Natural Resources water storage permit, Nebraska Department of Environmental Quality NPDES permit and Blair floodplain permit).
5. Prepare bid documents and handle project construction contracting (bid letting, payments, etc.).
6. Monitor construction compliance (NPDES and 404 permits).
7. Prepare Emergency Action Plan.

This project is located southwest of Blair, Nebraska (see enclosed location map and photographs).

This project is to be funded via the American Recovery and Reinvestment Act (ARRA), also known as the Economic Stimulus Act. NRCS has a May 15, 2009, date for construction to begin, as shown on enclosed ARRA plan. NRCS staff has agreed that the May 15, 2009 construction deadline is not realistic, but at minimum the project needs to be out to bid in June or July 2009, which is 2 or 3 months away. The Request for Proposal (RFP) process for selecting a consultant would take 3 months and actual permit application process will take 2 or more months to accomplish. If the RFP process is used the project would not be ready for bid until August or September 2009.

Management proposes to hire HDR Engineering to assist in preparing, submitting and supporting permit applications (Corps of Engineers 404 nationwide permit, Nebraska Department of Natural Resources water storage permit, Nebraska Department of Environmental Quality NPDES permit and Blair floodplain permit). In addition HDR would prepare bidding documents, monitor construction compliance and prepare Emergency Action Plan (Dam Safety requirement).

HDR is well qualified to handle these tasks, having done the same tasks for Papio Creek Watershed Structures S-27, S-31 and S-32 Rehabilitation Project in 2007 and 2008 and Turtle Creek Watershed Structure #2 Rehabilitation Project in 2008 and 2009. If the RFP process for selecting a consultant was used, HDR would likely be selected as the best qualified consultant due to similar project experience.

This work will be funded via Project Maintenance Professional Services Account (No. 0103-12 4400) and as of March 6, 2009, there is \$170,318.76 left in this account.

**It is Management's recommendation that the Subcommittee recommend to the Board that appointment of an Ad Hoc Consultant Selection Subcommittee, called for by the District's Professional Services Policy 15.2, be waived in this case; and, that the General Manager be authorized to execute the proposed Professional Services Contract with HDR Engineering, Inc. for the rehabilitation of Papio Creek Watershed Structure #W-3 for a maximum not to exceed amount of \$95,000, subject to changes deemed necessary by the General Manager and approved as to form by District Legal Counsel.**

# Memorandum

To: Programs, Projects, and Operations Subcommittee

Subject: FY 2010 Urban Cost Share Programs

- Recreation Area Development Program
- Urban Drainageway Program
- Urban Conservation Assistance Program

Date: March 31, 2009

From: Gerry Bowen

The District solicited applications for the urban cost share programs from the various units of government in the District for the upcoming fiscal year. The following applications were received.

## Recreation Area Development

The Recreation Area Development Program (RAD) cost shares with cities and villages to develop and improve recreation areas within their jurisdiction. The cost share rate is 50%. On projects requesting more than \$20,000, the Policy Manual requires Board approval. On all others, Management has approval authority.

The following application has been approved by Management.

- The City of LaVista has requested assistance to prepare parks master plans for each of 18 city parks. The master plans will be implemented over a period of four or five years. The total cost of the project is estimated at \$14,000. The City is requesting 50% of this amount, or **\$7,000**.

The following applications require Board approval.

- The City of Bellevue has requested assistance to install restroom facilities in Jewel Park located in the northeast part of the City. The estimated cost of the project is \$40,000. They are requesting 50% of this amount, or **\$20,000**.
- The City of South Sioux City has requested assistance to develop Veteran Memorial Park and Recreation Area. The total cost of the project is estimated at \$125,000. They are requesting the maximum under the program, or **\$50,000**.

The following table summarizes the RAD project requests for FY 2010. The FY 2009 budget for this program was \$350,918.

Sponsor	Total Estimated Cost	Cost Share Requested
City of LaVista	\$14,000	\$7,000
City of Bellevue	\$40,000	\$20,000
City of South Sioux City	\$125,000	\$50,000
Total	<b>\$179,000</b>	<b>\$77,000</b>

- **Management recommends that the Subcommittee recommend to the Board that the applications from the City of LaVista for \$7,000, the City of Bellevue for \$20,000, and the City of South Sioux City for \$50,000 be approved, for a total of \$77,000, subject to funding in the FY 2010 budget.**

**Urban Drainageway Program**

The Urban Drainageway Program (UDP) cost shares with units of government to solve erosion, flooding, and other stormwater management concerns on major drainageways within their jurisdiction. The cost share rate is 60%. Board approval is required on all applications.

The District received the following applications under the Urban Drainageway Program.

- The City of Omaha Cole Creek Restoration Project was approved in FY 2009 with funding the District’s share over a two year period. The FY 2010 portion of the costs is **\$651,800**.
- The City of South Sioux City was approved for cost share assistance on the Silver Lake Project in the western portion of the City. The existing agreement calls for the District to pay its share of the costs over a four year period. The FY 2010 portion of the costs is **\$300,000**.
- The City of Bellevue has requested assistance to stabilize two road culverts (29<sup>th</sup> and 31<sup>st</sup> Streets) located in Gilbert Park located in the southeast portion of the City. The estimated cost of the project is \$90,000. They are requesting cost sharing in the amount of **\$54,000**
- The City of Gretna has requested assistance to install two grade stabilization structures in a drainageway through Founders Park located in the central part of the City. The estimated cost of the project is \$40,000. They are requesting 60% of this amount or **\$24,000**.
- Mission Creek (Sarpy County SID #162) (167<sup>th</sup> & Harrison) has requested assistance to stabilize a drainageway (a tributary of the South Branch Papillion Creek) with a combination of grade stabilization structures and streambank lining. They are proposing to install the project over a period of five years. The total estimated cost of the project is \$600,840. They are requesting a total cost share amount of 60%, or **\$360,500**. The FY 2010 request is for **\$63,300**.
- The City of Papillion is requesting assistance to stabilize a drainageway through the eastern portion of Tara Hills Golf Course. The estimated cost of the project is \$478,270. They are requesting 60% of this amount, or **\$286,962**.
- The City of Papillion has requested assistance to stabilize a drainageway west of 72<sup>nd</sup> Street and Centennial Road. The total cost of the project is \$43,270. They are requesting 60% of this amount, or **\$25,962**.

The following table summarizes the applications for FY 2010. The FY 2009 Budget included \$789,423 for this item.

Sponsor	Total Estimated Cost	Cost Share Requested
City of Omaha	\$1,418,500	\$651,800
City of South Sioux City	\$1,879,020	\$300,000
City of Bellevue	\$90,000	\$54,000
City of Gretna	\$40,000	\$24,000
Mission Creek SID	\$600,840	\$360,500 <sup>1</sup>
City of Papillion	\$478,270	\$286,962
City of Papillion	\$43,270	\$25,962
Grand Total	<b>\$4,549,900</b>	<b>\$1,703,224</b>

<sup>1</sup> FY 2010 amount for Mission Creek SID is \$63,300 for a total budgetary request of \$1,406,024.

- **Management recommends that the subcommittee recommend to the Board that the applications from the City of Omaha for \$651,800, the City of South Sioux City for \$300,000, the City of Bellevue for \$54,000, the City of Gretna for \$24,000, Mission Creek SID \$63,300, the City of Papillion for \$286,962 and \$25,962, for a total of \$1,406,024 be approved subject to funding in the FY 2010 Budget.**



## Urban Conservation Assistance Program

The Urban Conservation Assistance Program (UCAP) cost shares with units of government to solve relatively minor erosion, flooding, and stormwater management problems in their jurisdiction. Construction costs only are eligible. The Policy Manual calls for Management approval of all applications. Management intends to approve the following applications.

- Millard West High School has requested assistance to rehabilitate an existing wetland on the school site. The project will dredge and deepen the wetland, establish wetland vegetation, and install a rain garden for water quality. The rain garden portion of the project (\$19,920) will be cost shared through the District's Stormwater BMP Program. The total cost of the remaining portion of the project is \$31,615. They are requesting 60% of this amount, or **\$18,969**.
- The City of Omaha has requested assistance to stabilize a storm sewer outlet at the northwest corner of 72<sup>nd</sup> Street and West Center Road. The estimated cost of the project is \$22,315. They are requesting 60% of these costs, or **\$13,389**.

The FY 2009 Budget for this item was \$47,440.

- **It is recommended that the Subcommittee recommend to the Board that the applications from Millard West High School for \$18,969 and the City of Omaha for \$14,389 for a total of \$32,358 be approved, subject to funding in the FY 2010 budget.**

## Memorandum

To: Program Projects and Operations Subcommittee  
From: Lori Laster, Stormwater Management Engineer  
Date: March 30, 2009  
Re: Stormwater Best Management Practices Program Update

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In June 2008, the Board approved a new District Program, 17.41 Stormwater BMP Program. A total of \$50,000 was included in FY09 budget and the program expected to provide funding for five projects. This program provides a 50 percent cost share up to \$10,000 for local subdivisions and government who install innovative best management practices to control stormwater runoff and improve water quality. All five grants were approved.

Two grants were awarded to Douglas County Environmental Services. They are installing a rain garden and a green roof at the Eastern Nebraska Office on Aging. These two BMPs will disconnect roof drains and parking lots from the combined sewer system. The total estimated cost for the rain garden is \$20,000. They were awarded the maximum cost share of \$10,000 for this project. The green roof will cost \$100,000. This project was also awarded the maximum cost share of \$10,000.

The City of Omaha was awarded a grant to construct a bio-swale along West Maple Road at 168<sup>th</sup> Street. This bio-swale will collect water from a new area drain and promote infiltration. Native vegetation will minimize watering and maintenance requirements. This total cost for this project is \$48,000. This project was awarded the maximum cost share of \$10,000.

The Colonies subdivision (SID 330) was awarded a grant to install a bio-swale along Hillsdale Avenue. The existing drainage swale does not have adequate vegetation and has had erosion problems. The swale will be rehabilitated and native vegetation will be planted to increase infiltration and decrease maintenance. The total project cost is \$20,042. This project was awarded the maximum cost share of \$10,000.

Millard West High School was awarded a grant to install a rain garden as part of their wetland rehabilitation project. The total project cost, including the wetland rehabilitation, is \$53,761. This project was awarded \$9,960.

For the FY10 budget this program was advertised along with other District programs and a deadline of March 17, 2009 was set for applications. Four applications were received. City of Papillion - Sumtur Amphitheater Rain Garden – The City of Papillion will install a rain garden to capture stormwater runoff from an existing parking lot. The total project cost is estimated at \$19,470 and they are requesting a 50% cost share of \$9,735.

City of La Vista – 83<sup>rd</sup> Street Stormceptor – The City of La Vista will install a Stormceptor Water Quality System on an existing storm sewer pipe that terminates at the upper pond La Vista Falls Golf Course, which eventually drains to Thompson Creek.

The total project cost is estimated at \$81,900. They are requesting a cost share of \$10,000, the maximum of this program.

City of South Sioux City – Scenic Park Rain Gardens – The City of South Sioux City will install two rain gardens in areas of Scenic Park that do not currently have storm sewer access. Each rain garden will cost \$13,555. They are requesting a cost share of \$6,777, for a total of \$13,555.

<b>Project Name</b>	<b>Total Project Cost</b>	<b>Cost Share Requested</b>
Sumtur Amphitheater Rain Garden	\$19,470	\$9,735
83 <sup>rd</sup> Street Stormceptor	\$81,900	\$10,000
Scenic Park Rain Garden 1	\$13,555	\$6,777.50
Scenic Park Rain Garden 2	\$13,555	\$6,777.50
<b>Total</b>	<b>\$128,480</b>	<b>\$33,290</b>

**Staff recommends that the Subcommittee recommend to the Board of Directors that the City of Papillion Rain Garden application for \$9,735, the City of La Vista Stormceptor application for \$10,000, and the City of South Sioux City applications for Scenic Park Rain Garden 1 for \$6,777.50, and the Scenic Park Rain Garden 2 for \$6,777.50, for a total of \$33,290, be approved subject to funding the in Fiscal Year 2010 budget.**

# Memorandum

To: Programs, Projects, and Operations Subcommittee

Subject: District Program – 17.0 Urban Conservation Assistance Program (UCAP)

Date: March 30, 2009

By: Gerry Bowen

District Program 17.0 - Urban Conservation Assistance Program (UCAP) was established by the District in 1987 to cost share with units of government (primarily) in solving relatively minor natural resource management problems. The cost share rate was set at 60%, up to a maximum amount of \$20,000 for project construction only. These applications are approved by Management, with budgeting concurrence of the Board.

In 1989, the UCAP Program was revised to raises the maximum cost share amount to \$25,000.

Management is now proposing some changes to the UCAP program to better reflect current economic conditions, and to make the program more attractive to sponsors. The “redline” version of the program is attached. Many of the changes are “cosmetic”, but several items need to be highlighted.

1. The engineering costs for design and construction observation would now be eligible for cost sharing.
2. The maximum cost share amount for each project is raised to \$30,000.
3. Reimbursement for the Sponsors’ personnel and equipment costs were not allowed although the guidelines didn’t specifically state that restriction.

It is intended that the changes go into effect for Fiscal Year 2011.

- **It is recommended that the Subcommittee recommend to the Board that the revisions to District Program 17.0 - Urban Conservation Assistance Program be approved.**

## Memorandum

**To:** PPO Subcommittee

**Re:** Interlocal Agreement with the Village of Waterloo for Levee Improvements

**Date:** April 4, 2009

**From:** Amanda Grint, Water Resources Engineer

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In February 2009, the Board approved a motion for staff to draft an interlocal agreement for Subcommittee consideration with the Village of Waterloo for an equal cost share on the construction of levee improvements in an amount not to exceed \$2,000,000. Details of the proposed agreement (attached) are as follows:

- The construction cost estimate (attached) for this project is \$3.8 million and includes earthwork to raise the levee or offset the levee in some locations, construct a floodwall in certain locations, construct closure structures, intersection and utility work as well as land rights, survey and construction administration.
- The District will be invoiced monthly and pay the Village 50% of each invoice up to a maximum amount of \$2,000,000
- Any state or federal grants or funding to offset the cost of the levee improvements will be credited in equal shares to the District and the Village

On Tuesday, May 5<sup>th</sup>, the Village of Waterloo will hold its third public meeting to update the residents on the status of the project and to answer any questions on the project or the bond issue. On May 12, the Village of Waterloo will hold an election to issue bonds for this project in the amount of \$2.2 million.

**It is management's recommendation that the Subcommittee recommend to the Board of Directors that the General Manager be authorized to execute the Interlocal Agreement with the Village of Waterloo to equally share the cost for levee improvements, up to a maximum District cost of \$2,000,000, subject to changes deemed necessary by the General Manager and approval as to form by District Legal Counsel.**