

March 26, 2008 SEMSWA Board Meeting

CIP Projects Update

Little Dry Creek At Arapahoe Road

Status: Target bid date delayed until 2008

Design nearing 100%; Negotiating easements; IGA with UDFCD for construction signed; Funding inplace with UDFCD

SEMSWA Budget: \$1,000,000 Target bid date: First quarter 2008 Target completion date: 6 months later

Received an EMail from Mike Connor, City of Centennial, indicating the City is ready to sign-off on the project 12/19/07. A conversation with Jacque Wedding-Scott, 12/19/07, confirmed this project will not go before City Council. The EMail was forwarded to UDFCD and Moser & Associates on 12/20/07, and Mike had a telephone conversation with both Rich at UDFCD and Teresa at Moser. The design is being finalized, incorporating City requirements. Have contacted HOAs to continue negotiations on easements. The sidewalk and landscaping in the ROW easements will be between the HOAs and the City, at this time.

Southwood Village/Greenwood Manor Outfall

Status: Construction underway

SEMSWA Budget: \$768,000 Start date: 3/17/2008 Target completion date: 7/15/2008

This project is the installation of storm sewer in a 40-year old neighborhood.

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Cherry Crest West Phase 2

Status: Conceptual Design Memo finalized

SEMSWA Budget: \$50,000 Target start date:

Target completion date:

The previous phase installed storm sewer and inlets to maximize the flows in the existing 5-year pipe system. This phase is to increase the capacity over the 5-year pipe capacity. There are several policy/precedent issues associated with this project that SEMSWA needs to decide.

Dove Hill Drainage

Status: Preliminary design underway

SEMSWA Budget: \$50,000 Target start date: 12/21/2007

Target completion date: 4/24/2008

This project consists of the design of two 100-year culverts along East Tollgate Creek and one 10-year culvert on a leftbank tributary. Survey was done inhouse and hydrology is per previous studies. Additional funding for final design will be sought at the April Board Meeting.

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Piney Creek At Caley Drive

Status: Final design underway

Met with homeowners 3/25/2008

SEMSWA Budget: \$50,000 Target start date: Underway Target completion date: 1/31/2008

This project is to install a bridge/culvert crossing to replace a low water crossing. This is a joint project with the City & UDFCD. UDFCD is contracting with Ayres for the design. The IGA amendment needs to be signed and returned to UDFCD. We will then be invoiced for the \$825,000. This is the project we used \$470,000 in 2007 to initiate three other projects, and this funding needs to be restored. This project was a wooden bridge until recently. The City has indicated they do not want a wooden bridge. Have met with residents to explain the change and discuss ROW. This project is being coordinated with the Estancia outfall project. Additional funding for final design and construction will be sought at the April Board Meeting.

Orchard Valley Overflow

Status: Target bid date delayed until Spring 2008

Design in review; Negotiating agreement with homeowner

SEMSWA Budget: \$100,000 Target start date: Spring 2008 Target completion date: 1 month after start

A homeowner wants a letter from SEMSWA guaranteeing against damages. Ed Krisor has reviewed letter. Negotiating construction contract.

South Suburban Ice Arena

Status: No change

Awaiting invoice from SSPR

SEMSWA Budget: \$30,000

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Dove Creek Pond D - 1

Status: Final design underway

SEMSWA Budget: \$100,000 Target start date: 12/11/2007 Target completion date: 4/9/2008

This is a regional storm water pond. This pond is required to allow future development in the basin. The USACE has determined there are wetlands onsite. The 404 Permit was not included in the original scope of services. We did a Change Order to include 404 Permit in scope.

Windmill Creek Pond W - 4

Status: Evaluation Study completed; Design underway

SEMSWA Budget: \$60,000 Target start date: 12/11/2007 Target completion date: May-Aug 2008

This is a regional storm water pond. This pond is required to eliminate the current storage deficit and allow future development in the basin. This pond was designed over a year ago by WRC, Inc. Wright Water Engineers (WWE) are under contract with SEMSWA and have prepared a report on the viability of a phasing approach. Based on the inertia to build the entire pond, SEMSWA has extended the WWE scope to include the 404 Permit and has contracted with WRC to complete the design. The adjacent airport property will take all 120,000 CY of export for the WRC design.

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CIP Projects Update

Cottonwood Creek, Easter to Briarwood

Status: Design approximately 90% complete; 404 Permit approved
SEMSWA Budget: \$32,000 Target start date: Target completion date:
ARAPCO Budget: \$127,656
Resolution for funding design completion (\$32,000) is to be considered today.

This project is the restoration of a channel, and is a regional facility. The 404 Permit has been issued, and will be valid for 2 years. Construction is estimated at \$1.75M. Due to the complications with the 404 Permit and land owner coordination an additional \$32,000 is needed to complete the design.

Greenwood Gulch

Status: Construction at 95% complete; spring vegetation only thing left to do.
UDFCD Maintenance funded (\$300,000); 2300 feet of channel work with 6 drop structures; 40% complete
SEMSWA Budget: \$0 Target start date: Underway Target completion date: 1/15/2008

Little's Creek

Status: Under study
SEMSWA Budget: \$22,000 Target start date: Underway Target completion date: Unknown

This project has 4 phases to it currently. We are approximately 50% into Phase 1, which is the study of the existing storm sewer system. Phase 2 will be the modification of the system to allow for optimization of 2 ponds. Phase 3 will involve design and construction of a stormwater detention pond upstream of the Highline Canal. Phase 4 will be the Highline Canal crossing. We anticipate Phase 2 and Phase 3 in 2008, with UDFCD participation in Phase 3. The project is on hold while we uncover and survey storm sewer manholes.

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Arapahoe Plaza Storm Sewer

Status: Phase 2 construction awarded

SEMSWA Budget: \$310,000 Target start date: 1/11/2008 Target completion date: 3/11/2008

This project has three phases. The first phase was constructed approximately two years ago. The second phase, 450 LF 54-inch RCP, was recently awarded, utilities relocated, and construction to start April first. The third phase, 360 LF 54-inch RCP, is under design. The third phase is scheduled to be constructed this year.

Greenfield Channel

Status: Proposals received for preliminary design

SEMSWA Budget: \$30,000 Target start date: Unknown Target completion date: 2 months after start

Resolution for funding design (\$30,000) is to be considered today.

This project consists of designing and constructing a channel in a "swampy" greenbelt. Construction is planned to be completed by SEMSWA maintenance staff.

Forest Park Stabilization

Status: Proposal received for design

Joint SEMSWA/UDFCD project. Discussions underway with SSPR to determine whether they want to participate.

SEMSWA Budget: \$225,000 Target start date: Unknown Target completion date: 6 months after start

This is a stream stabilization project between Dry Creek Road and Jamison Avenue, just east of University Boulevard. Funding for design and construction in the SEMSWA 2008 budget.

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Cherry Crest East Storm Sewer

Status: Negotiating the scope and fee with the selected consultant for design (Ayres Associates).
SEMSWA Budget: \$187,000 Target start date: Unknown Target completion date: Unknown

This a storm sewer project in an older neighborhood, southeast of Orchard Road and University Boulevard.

Big Dry Creek Bridge at Arapahoe Road

Status: Proposals reviewed
SEMSWA Budget: \$146,700 Target start date: Unknown Target completion date: Unknown

This is the replacement of the bridge over Big Dry Creek at Arapahoe Road. The existing structure overtops by two feet in the 100-year flood. Funding for design will be sought at the April Board Meeting.

Little Dry Creek Reach 6

Status: Proposals received
SEMSWA Budget: \$83,000 Target start date: Unknown Target completion date: Unknown

Other

Infrastructure Inventory

Status: Phase 2 underway
SEMSWA Budget: \$255,838 Target start date: 12/11/2007 Target completion date: 4/9/2008

We are approximately 95% complete (budget) and reviewing the final result. Phase 1 was collecting and digitizing data from existing maps/drawings (drainage inventory maps and as-built drawings). In December we started Phase 2, which consists of collecting field data with global position systems (GPS). Deliverable date is the first week in April.