

**January 28, 2009 SEMSWA Board Meeting
CIP Projects Update**

Little Dry Creek At Arapahoe Road

Location: Arapahoe Road Crossing 2000 feet west of Quebec Street
Project: Construction of 100-year flow Arapahoe Road culverts. Includes a pedestrian underpass. UDFCD joint project.
Status: Relocating utilities
SEMSWA Budget: \$1,200,000 Target bid date: 2/18/2009 Target completion date: Summer 2009

All ROW acquired. Design at 100%; IGA with UDFCD for construction signed; Construction funding inplace with UDFCD. Utility relocations underway.

Dove Hill Drainage

Location: Progress Circle at Gun Club Road
Project: Design and construction of three culverts along East Tollgate Creek in the Dove Hill subdivision
Status: Final design in for review.
SEMSWA Budget: \$650,000 Target start date: Underway Target completion date: Summer 2009

Final design is being reviewed and 404 Permit received. Negotiating easements with property owners.

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Piney Creek Bridge At Caley Drive

Location: Piney Creek Ranches neighborhood at Caley Drive north of Euclid Avenue
Project: Design of a bridge crossing to replace a low water crossing. UDFCD joint project.
Status: Final design underway
SEMSWA Budget: \$875,000 Target start date: Underway Target completion date: Fall 2009

Have met with residents to present the project and discuss ROW. ROW offers have been sent. Latest Engineer's Estimate indicates funding shortfall of approximately \$700,000. This project is being coordinated with the Piney Creek Stabilization and Outfall C Projects.

Piney Creek Stabilization Tower to Liverpool

Location: Along Piney Creek between Tower Road and Liverpool Street
Project: Design of vertical and horizontal stabilization of Piney Creek. UDFCD joint project.
Status: Final design underway
SEMSWA Budget: \$50,000 Target start date: Underway Target completion date: Fall 2009

Floodplain spill identified immediately east of Caley Drive. Spill mitigation and stabilization structures are being designed for the critical locations. To be done in conjunction with the Caley Drive bridge.

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Dove Creek Pond D - 1

Location: South of Broncos Parkway and west of Fairplay Street
Project: Design of a regional stormwater detention pond on Dove Creek
Status: Final design in for review
SEMSWA Budget: \$100,000 Target start date: Underway Target completion date: Summer 2009

This is a regional storm water pond. This pond is required to allow future development in the basin. Final design in for review. The 404 Permit has been received. Construction funding in resolution before Board today.

Windmill Creek Pond W - 4

Location: Southwest of Broncos Parkway and Chambers Road
Project: Design and construction of a regional stormwater detention pond on Windmill Creek
Status: Construction underway
SEMSWA Budget: \$760,000 Target start date: Underway Target completion date: March 2009

Construction underway and on schedule.

Cottonwood Creek, Easter to Briarwood

Location: West of Lima Street, between Easter and Briarwood Avenues
Project: Design of vertical and horizontal stabilization of Cottonwood Creek.
Status: Final design in for review; 404 Permit approved
SEMSWA Budget: \$32,000 Target start date: Underway Target completion date: Fall 2009

This project is the restoration of the 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. Final design under review. Property owner proceeding with adjacent project.

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Greenfield Channel

Location: West of Liverpool Street and north of Fair Avenue
Project: Design and construction of a channel in a "swampy" greenbelt
Status: Design underway
SEMSWA Budget: \$30,000 Target start date: Underway Target completion date: Spring 2009

This project consists of SEMSWA design and construction. Waiting on HOA approval.

Forest Park Stabilization

Location: Tributary B of Big Dry Creek. East of University Boulevard between Jamison Avenue and Dry Creek Road
Project: Design and construction of vertical and horizontal stabilization of creek.
Status: Final design in for review; 404 Permit submitted
SEMSWA Budget: \$225,000 Target start date: Underway Target completion date: Summer 2009

Construction anticipated to be performed by SEMSWA maintenance staff.

Cherrywood Circle Storm Sewer

Location: Along Orchard Road and Steele Street
Project: Storm sewer design
Status: Design underway
SEMSWA Budget: \$170,000 Target start date: Underway Target completion date: Spring 2009

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

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Big Dry Creek at Arapahoe Road and University Boulevard Bridges

Location: Arapahoe Road and University Boulevard bridges at Big Dry Creek
Project: Preliminary design of bridges
Status: Preliminary design underway
SEMSWA Budget: \$125,000 Target start date: Underway Target completion date: February 2009

This project will result in a preliminary design and cost estimates for the two bridges.

Little Dry Creek Reach 6

Location: Little Dry Creek between Colorado Boulevard and Orchard Road (extended)
Project: Design of vertical and horizontal stabilization of creek.
Status: Preliminary design underway
SEMSWA Budget: \$128,845 Target start date: Underway Target completion date: 4/1/2009

Outfall C (From Estancia Development)

Location: Arapahoe Road to Caley Drive west of Himalaya
Project: Design and construction of a storm sewer system; SEMSWA/County project
Status: ROW negotiations underway
SEMSWA Budget: \$247,200 Target start date: Underway Target completion date: Fall 2009

This is a regional outfall project that is part of the Arapahoe Road widening between Waco and Himalaya Street. This is a County project that SEMSWA is coordinating with the Piney Creek bridge at Caley Drive. SEMSWA has budgeted construction funding. Arapahoe County is designing the project.

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Easter/Verbena

Location: East of Verbena Street at and south of Easter Avenue
Project: Design and construction of additional inlets on existing storm sewer system
Status: First phase inlets installed. Awaiting HOA on second phase.
SEMSWA Budget: \$25,000 Target start date: Underway Target completion date: Spring 2009

This project is the installation of inlets along an existing storm sewer to optimize the system. SEMSWA crews will install the additional inlets.

Panama Drive Drainage Problem

Location: Northeast of Broadway and Panama Drive
Project: Preliminary design of storm sewer to solve existing flood problem
Status: Preliminary design underway
SEMSWA Budget: \$25,000 Target start date: Underway Target completion date: February 2009

The project is alternative evaluation to solve the existing problem and prepare cost estimates.

Heritage Place Storm Sewer

Location: Southeast of Euclid Place along South Heritage Place West
Project: Design of storm sewer to solve existing flood problem
Status: Final design in for review
SEMSWA Budget: \$30,000 Target start date: Underway Target completion date: February 2009

The project is the design of approximately 400 feet of storm sewer to alleviate an existing flooding problem.

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Spring Creek at Otero Avenue and Newport Street

Location: Northeast of Otero Avenue and Newport Street
Project: Design of hazard mitigation and stream stabilization at a 25 foot vertical creek bank
Status: Design underway
SEMSWA Budget: \$38,000 Target start date: Underway Target completion date: Summer 2009

The project is the design of approximately 200 feet of channel improvements. Resolution for additional funding before the Board today.

Windmill Creek Pond W - 5

Location: East of Broncos Parkway and Chambers Road
Project: Design and construction of a regional stormwater detention and water quality pond on Windmill Creek
Status: Design underway
SEMSWA Budget: \$60,000 Target start date: Underway Target completion date: Spring 2009

Southwood Village/Greenwood Manor
Construction: Summer 2008
\$885,000

Panama Dr. Storm Sewer Outfall
Design: Summer 2008
\$30,000

Arapahoe Plaza Storm Sewer
Construction: Summer 2008
\$310,000

Orchard Valley
Construction: Summer 2008
\$100,000

Heritage Place Lateral 1
Design: Summer 2008
\$30,000

Little Dry Creek Reach 6
Final Design: Fall 2008
\$128,845

Cherrywood Circle
Storm Sewer
Final Design: Fall 2008
\$170,000

Easter/Verbena
Construction: Summer 2008
\$25,000

Piney Creek Tower to Liverpool
Design: Fall 2008
\$100,000

Dove Hill
Construction: Fall 2008
\$650,000

Lake Point
Estates Pond

Goldsmith Gulch

Greenfield Filing No. 2 Channel
Construction: Fall 2008
\$30,000

Big Dry Creek at
Arapahoe & University
Design: Summer 2008
\$125,000

Storm Sewer Outfall

Piney Creek Bridge at Caley
Construction: Fall 2008
\$1,525,000

Upper Littles Creek Study
Design: Summer 2008
\$22,000

Pond W-5
Phase 1 Construction
\$170,000

Dove Creek Pond D-1
Phase 1 Construction
\$400,000

Forest Park Stabilization
Design: Summer 2008
\$44,000

Willow Creek Trib 2
\$25,000

Willow Creek Trib 1
\$40,000

Cottonwood Creek
Construction
\$1,750,000

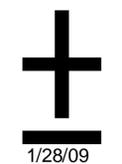
Windmill Creek Pond W-4
Construction: Fall 2008
\$1,460,000

Little Dry Creek at Araphahoe Rd.
Construction: Winter 2008-2009
\$2,116,000

Spring Creek @ Otero/Newport
Design: Summer 2008
\$38,000

SEMSWA CIP PROJECTS 2008

- Not Started
- Preliminary Design
- Final Design
- Construction
- Completed



1/28/09