

## **September 23, 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: Construction underway.  
SEMSWA Budget: \$1,200,000 Construction start: May 2009 Target completion date: Fall 2009

### **Greenfield Channel**

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

### **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: Construction underway.  
SEMSWA Budget: \$650,000 Target bid date: May 2009 Target completion date: Summer 2009

Quest relocations complete; Algonquian Court culverts installed; Crestline Circle culverts under construction.

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### **CIP Projects Update**

#### **Heritage Place Storm Sewer**

Location: Southeast of Euclid Place along South Heritage Place West  
Project: Design of approximately 400 feet of storm sewer to alleviate an existing flooding problem.  
Status: Construction completed.  
SEMSWA Budget: \$134,756 Target start date: Underway Target completion date: February 2009

#### **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: All easements acquired. Final design approved. Waiting for Section 404 Permit.  
SEMSWA Budget: \$875,000 Target start date: Underway Target construction date: Fall 2009

#### **Piney Creek Stabilization Tower to Liverpool**

Location: Along Piney Creek between 400 feet west of Caley Drive and 100 feet east of Caley Drive.  
Project: Design of vertical and horizontal stabilization of Piney Creek. UDFCD joint project.  
Status: All easements acquired. Final design approved. Waiting for Section 404 Permit.  
SEMSWA Budget: \$350,000 Target start date: Underway Target completion date: Fall 2009

## **September 23, 2009 SEMSWA Board Meeting CIP Projects Update**

### **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: All easements acquired. Final design approved. Waiting for Section 404 Permit.  
SEMSWA Budget: \$367,276.99 Target start date: Underway Target completion date: Fall 2009

### **Dove Creek Pond D - 1**

Location: South of Broncos Parkway and west of Fairplay Street  
Project: Design and construction of a regional stormwater detention pond on Dove Creek  
Status: Final design in for review. Section 404 Permit and easement acquired.  
SEMSWA Budget: \$600,000 Target start date: Underway Target bid date: Summer 2009

### **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: Final design in for review. Section 404 Permit acquired.  
SEMSWA Budget: \$60,000 Target start date: Underway Target completion date: Spring 2009

## **September 23, 2009 SEMSWA Board Meeting CIP Projects Update**

### **Spring Creek at Otero Avenue and Newport Street**

Location: Northeast of Otero Avenue and Newport Street  
Project: Design and construction of hazard mitigation and stream stabilization at a 25 foot vertical creek bank  
Status: Final design in for review. Section 404 Permit acquired.  
SEMSWA Budget: \$418,000 Target start date: Underway Target completion date: Summer 2009

The project is the design of approximately 200 feet of channel improvements.

### **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. Section 404 Permit acquired  
SEMSWA Budget: \$122,000 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.

### **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. Section 404 Permit submitted.  
SEMSWA Budget: \$225,000 Target start date: Underway Target construction date: Summer 2009

Construction anticipated to be performed by SEMSWA maintenance staff. Section 404 Permit applied for. Design under review.

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### **CIP Projects Update**

#### **Cherrywood Circle Storm Sewer**

Location: Along Clarkson Street, Pinewood Avenue, and Cherrywood Circle  
Project: Storm sewer design. UDFCD joint project.  
Status: Final design in for review. Section 404 Permit acquired.  
SEMSWA Budget: \$170,000 Target start date: Underway Target completion date: Spring 2009

Construction delayed until Spring 2010 to assure paving can be accomplished.

#### **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: Final design underway. Section 404 Permit submitted.  
SEMSWA Budget: \$128,845 Target start date: Underway Target completion date: June 2009

#### **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. Recently received HOA easement for 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.

## **September 23, 2009 SEMSWA Board Meeting CIP Projects Update**

### **Lonetree Creek Pond L - 2**

Location: Intersection of Revere Parkway and Tucson Way  
Project: Design and construction of Phase 1 of the regional stormwater pond.  
Status: Final Design in for review. Section 404 Permit submitted.  
SEMSWA Budget: \$250,000 Target start date: April 2009 Target completion date: Summer 2009

Easement acquisition discussions underway.

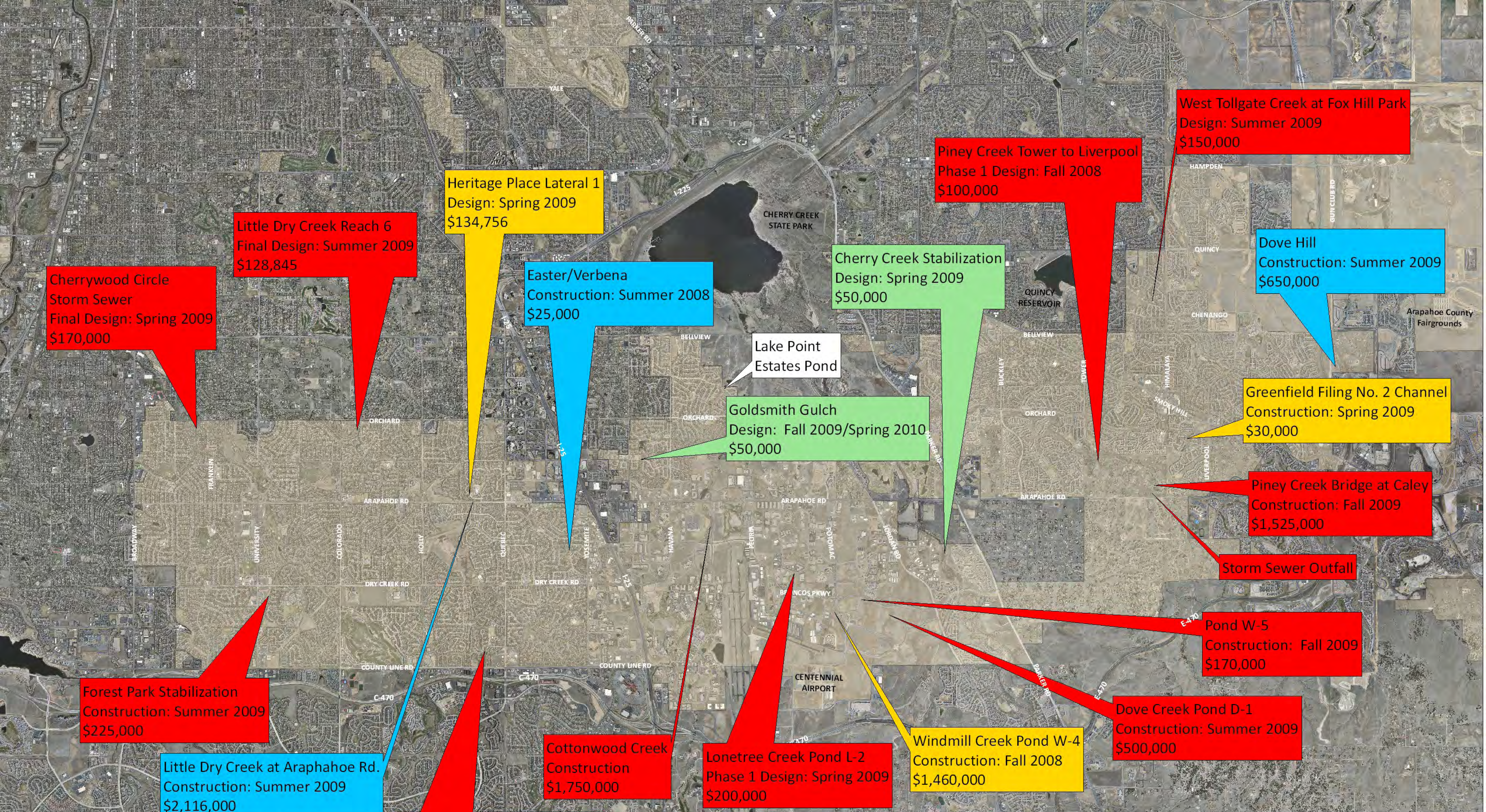
### **West Tollgate Creek at Foxhill Park**

Location: Tollgate Creek west of Himalaya Street  
Project: Design of stream stabilization improvements.  
Status: Design underway  
SEMSWA Budget: \$150,000 Target start date: May 2009 Target completion date: Fall 2009

### **Cherry Creek Stabilization at the Ecological Park**

Location: Cherry Creek North of Broncos Parkway  
Project: Design of vertical and horizontal stabilization of creek. UDFCD joint project.  
Status: Design consultant selected; Project scoping underway.  
SEMSWA Budget: \$50,000 Target start date: April 2009 Target completion date: Fall 2009





Cherrywood Circle  
Storm Sewer  
Final Design: Spring 2009  
\$170,000

Little Dry Creek Reach 6  
Final Design: Summer 2009  
\$128,845

Heritage Place Lateral 1  
Design: Spring 2009  
\$134,756

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

Lake Point  
Estates Pond

Goldsmith Gulch  
Design: Fall 2009/Spring 2010  
\$50,000

Cherry Creek Stabilization  
Design: Spring 2009  
\$50,000

Piney Creek Tower to Liverpool  
Phase 1 Design: Fall 2008  
\$100,000

West Tollgate Creek at Fox Hill Park  
Design: Summer 2009  
\$150,000

Dove Hill  
Construction: Summer 2009  
\$650,000

Greenfield Filing No. 2 Channel  
Construction: Spring 2009  
\$30,000

Piney Creek Bridge at Caley  
Construction: Fall 2009  
\$1,525,000

Storm Sewer Outfall

Pond W-5  
Construction: Fall 2009  
\$170,000

Dove Creek Pond D-1  
Construction: Summer 2009  
\$500,000

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

Lonetree Creek Pond L-2  
Phase 1 Design: Spring 2009  
\$200,000

Cottonwood Creek  
Construction  
\$1,750,000

Spring Creek @ Otero/Newport  
Construction: Summer 2009  
\$418,000

Little Dry Creek at Arapahoe Rd.  
Construction: Summer 2009  
\$2,116,000

Forest Park Stabilization  
Construction: Summer 2009  
\$225,000

### SEMSWA CIP PROJECTS

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

