

July 28, 2010 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 completed.
SEMSWA Budget: \$1,200,000 Construction start: May 2009 Target completion date: Winter 2010

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: Construction completed.
SEMSWA Budget: \$600,000 Target start date: Underway Target completion date: Winter 2010

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: Construction completed.
SEMSWA Budget: \$418,000 Target start date: Underway Target completion date: Winter 2010



LITTLE DRY CREEK AT ARAPAHOE ROAD

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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: Construction underway.
SEMSWA Budget: \$875,000 Target start date: Underway Target completion date: Spring 2010

Construction contract awarded (UDFCD is managing the contract). Mobilization January 2010.

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: Construction underway.
SEMSWA Budget: \$350,000 Target start date: Underway Target completion date: Spring 2010

Included in Piney Creek Bridge project.

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: Construction completed.
SEMSWA Budget: \$367,276.99 Target start date: Underway Target completion date: Spring 2010

Included in Piney Creek Bridge project. Scheduled to be completed by mid May.



LOOKING UPSTREAM



LOOKING DOWNSTREAM



LOOKING SOUTH

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CIP Projects Update

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: Construction completed.
SEMSWA Budget: \$230,000 Target start date: Underway Target construction date: Spring 2010

Cherrywood Circle Storm Sewer

Location: Along Clarkson Street, Pinewood Avenue, and Cherrywood Circle
Project: Storm sewer installation. UDFCD joint project.
Status: Construction underway.
SEMSWA Budget: \$562,558 Target start date: Underway Target construction date: Spring 2010

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: Construction underway.
SEMSWA Budget: \$1,391,677 Target start date: Underway Target construction date: Summer 2010

This project is the restoration of the channel, and is a regional facility.

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 acquired.
SEMSWA Budget: \$225,000 Target start date: Underway Target construction date: Summer 2010

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



WINDMILL CREEK POND W – 5



CHERRYWOOD CIRCLE STORM SEWER

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CIP Projects Update

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. UDFCD joint project.
Status: Final design in for review. Section 404 Permit submitted.
SEMSWA Budget: \$128,845 Target start date: Underway Target construction date: Fall 2010

This project is the stabilization of Little Dry Creek, including two drop structures and flattening channel banks

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: Construction completed.
SEMSWA Budget: \$25,000 Target start date: Underway Target completion date: Winter 2010

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 complete. Section 404 Permit acquired.
SEMSWA Budget: \$250,000 Target start date: April 2009 Target completion date: Summer 2010

Easement acquisition discussions underway.

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West Tollgate Creek at Foxhill Park

Location: Tollgate Creek west of Himalaya Street
Project: Design of stream stabilization improvements.
Status: Final Design in for review. Section 404 Permit acquired.
SEMSWA Budget: \$150,000 Target start date: May 2009 Target completion date: Fall 2010

This project is the stabilization of West Toll Gate Creek, including three drop structures and flattening channel banks

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: Preliminary design underway.
SEMSWA Budget: \$50,000 Target start date: December 2009 Target completion date: Spring 2010

Lonetree Creek Pond L - 1 West

Location: Intersection of County Line Road and Potomac Street
Project: Design and construction of the regional stormwater pond.
Status: Final Design complete. Section 404 Permit acquired.
SEMSWA Budget: \$185,000 Target start date: June 2009 Target completion date: Spring 2010

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Goldsmith Gulch Stabilization and Caley Avenue Culvert

Location: Peakview Avenue to Caley Avenue, East of Dayton Street
Project: Design and construction of three drop structures and enlarging Caley Avenue. UDFCD joint project.
Status: Preliminary Design started.
SEMSWA Budget: \$490,980 Target start date: Spring 2010 Target completion date: Summer 2010

Heritage Place Lateral 2

Location: Euclid Place at Oneida Court in the Heritage Place subdivision
Project: Storm sewer.
Status: Final Design in for review.
SEMSWA Budget: \$160,000 Target start date: February 2010 Target completion date: Summer 2010

Windmill Creek Pond W - 1

Location: Potomac Street and County Line Road
Project: Design and construction of Phase 1 of the regional stormwater pond.
Status: Final Design underway.
SEMSWA Budget: \$100,000 Target start date: April 2010 Target completion date: Summer 2010

Windmill Creek and Pond W - 4 Wetlands

Location: Potomac Street and Broncos Parkway
Project: Channel construction and wetlands installation.
Status: Construction completed.
SEMSWA Budget: \$100,000 Target start date: March 2010 Target completion date: Spring 2010

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East Toll Gate Creek Pond at Gun Club Road

Location: Gun Club Road South of Quincy Avenue
Project: Design and construction of Phase 1 of the regional stormwater pond.
Status: Consultant selection on hold pending Master Drainage Plan.
SEMSWA Budget: \$200,000 Target start date: Spring 2010 Target completion date: Fall 2010

Drop Structure on Piney Creek at Parker Road

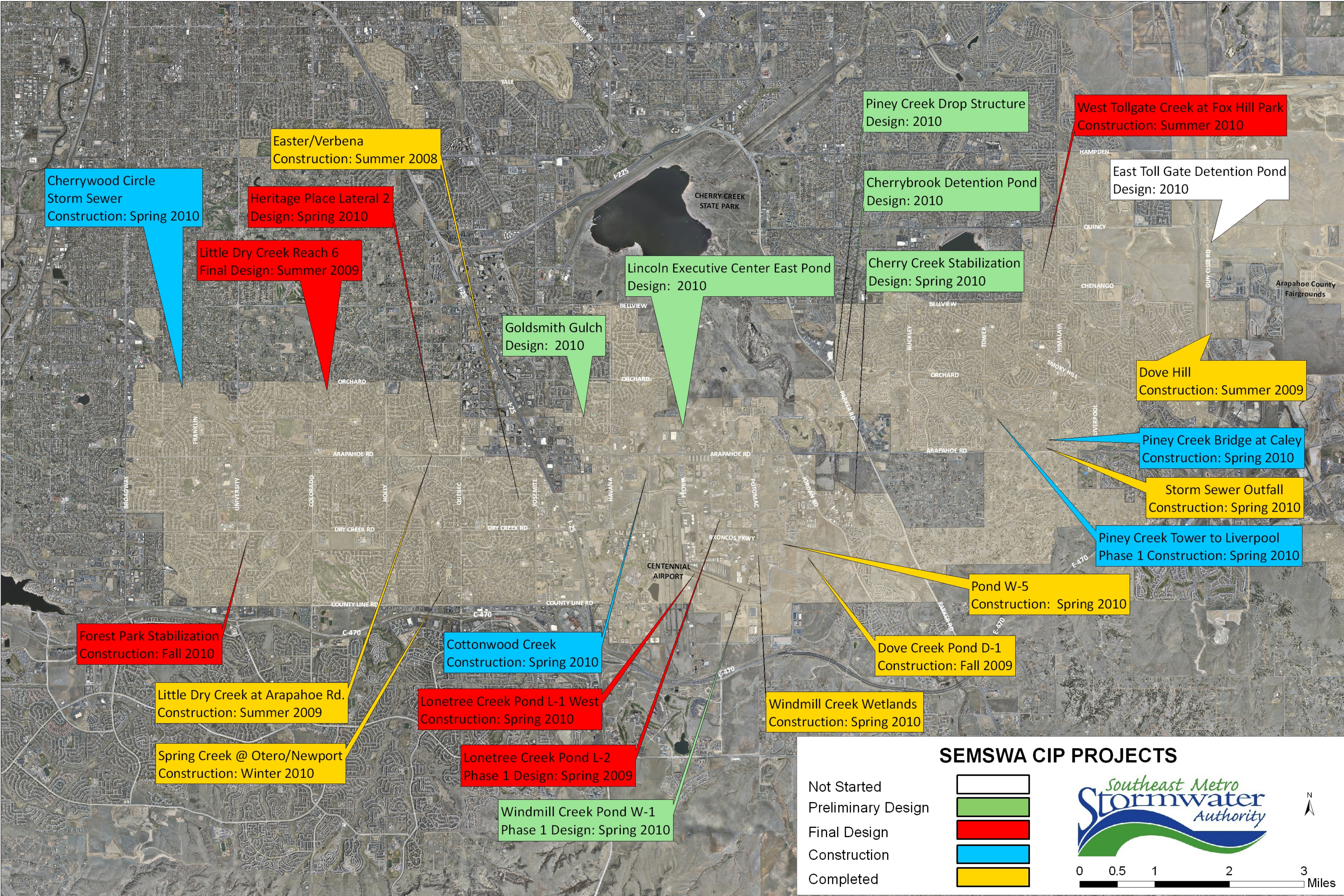
Location: Piney Creek west of Parker Road
Project: Design and construction of a drop structure to replace a failed structure.
Status: Preliminary design underway.
SEMSWA Budget: \$190,000 Target start date: May 2010 Target completion date: Fall 2010

Cherrybrook Detention Pond

Location: South Bank of Piney Creek, East of Parker Road
Project: Design and construction of the subregional stormwater pond.
Status: Preliminary design underway.
SEMSWA Budget: \$340,000 Target start date: May 2010 Target completion date: Fall 2010

Lincoln Executive Center East Pond

Location: Peoria Street and Caley Avenue Northwest Corner
Project: Design and construction of the subregional stormwater pond.
Status: Preliminary design underway.
SEMSWA Budget: \$240,000 Target start date: May 2010 Target completion date: Fall 2010



Cherrywood Circle
Storm Sewer
Construction: Spring 2010

Easter/Verbena
Construction: Summer 2008

Heritage Place Lateral 2
Design: Spring 2010

Little Dry Creek Reach 6
Final Design: Summer 2009

Goldsmith Gulch
Design: 2010

Lincoln Executive Center East Pond
Design: 2010

Piney Creek Drop Structure
Design: 2010

Cherrybrook Detention Pond
Design: 2010

Cherry Creek Stabilization
Design: Spring 2010

West Tollgate Creek at Fox Hill Park
Construction: Summer 2010

East Toll Gate Detention Pond
Design: 2010

Dove Hill
Construction: Summer 2009

Piney Creek Bridge at Caley
Construction: Spring 2010

Storm Sewer Outfall
Construction: Spring 2010

Piney Creek Tower to Liverpool
Phase 1 Construction: Spring 2010

Pond W-5
Construction: Spring 2010

Dove Creek Pond D-1
Construction: Fall 2009

Windmill Creek Wetlands
Construction: Spring 2010

Forest Park Stabilization
Construction: Fall 2010

Little Dry Creek at Arapahoe Rd.
Construction: Summer 2009

Spring Creek @ Otero/Newport
Construction: Winter 2010

Cottonwood Creek
Construction: Spring 2010

Lonetree Creek Pond L-1 West
Construction: Spring 2010

Lonetree Creek Pond L-2
Phase 1 Design: Spring 2009

Windmill Creek Pond W-1
Phase 1 Design: Spring 2010

SEMSWA CIP PROJECTS

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

