



# Project Tour 2007

## Tour Guides:

Steve Gardner, stops 2, 4, 5, 6  
Lanae Raymond, stops 7, 8, 9, 12  
Cindy Edwards, stop 10  
Mike Vinson, stops 1, 3, 11

## Special Guest

**Paul Hindman, P.E.**  
UDFCD CIP Program Manager

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## Agenda

Meet at SEMSWA Offices: 8:15  
Board Bus: 8:15  
Introduction: Jed Lugod  
Leave SEMSWA 8:30  
Tour Stop #1: Little Dry Creek @ Arapahoe Road  
Tour Stop #2 & 2.5: Cherry Crest West  
Tour Stop #3: Southwood Outfall  
Tour Stops #4: Brookridge Grant Outfall  
Tour Stops #5 and #6: Holly Hills 1  
Tour Stop #7: Cherry Creek Drops 22 and 23  
Tour Stop #8: Cherry Creek Drops 20 and 21  
Tour Stop #9: Peoria Pond  
Tour Stop #10: Peoria Street R&B Facility Vector Truck Washout  
Tour Stop #11: Vermillion Creek  
Tour Stop #12: Cherry Creek @ 17 Mile House Park  
Return to SEMSWA: 12:45

**Tour Coordinator:**  
Lanae Raymond

**Tour Logistics:**  
Beth Bradley

## Draft SEMSWA Project Tour 2007

<b>Tour Stop</b>	<b>Location</b>	<b>Activity</b>	<b>Description</b>	<b>Highlight</b>
From SEMSWA, <b>#1</b> (8:45)	West on Inverness Drive, west on Little Dry Creek @ Arapahoe	Dry Creek to Quebec, Drive-by	north to Arapahoe, west on New CIP project	<b>Arapahoe Road</b> Status of project
Arapahoe Road <b>#2</b> (9:00)	To University, north to Orchard, Cherry Crest West	West to Drive-by		
<b>#2.5</b>	Cherry Crest West	Drive-by	2004 CIP project New CIP Project	Installation of storm sewer along several of the neighborhood streets, construction under Highline Canal & outfall to Big Dry Creek
Continue west <b>#3</b> (9:05)	To Broadway Southwood Outfall		New CIP project	Status of project
North on <b>#4</b> (9:15)	Broadway to Belleview, east on Brookridge Grant Outfall	Belleview Drive by	2003 CIP project	Installation of storm sewer along several of the neighborhood streets, and an outfall to Big Dry Creek
North on <b>#5</b> (9:45)	University, east on Hampden, Holly Hills 1	North on Colorado, <b>Site visit -exit Bus</b>	East on Yale to Holly Ave., 2006/7 CIP project	<b>South to Jersey</b> Installation of a detention pond to collect surface drainage, and release to HLC at historic rates
North on Holly <b>#6</b> (10:00)	Ave., west on Holly Street, U-turn Holly Hills 2	Back to Holly Ave Drive By	2006/7 CIP project	Installation of a detention pond to collect surface drainage, and release to HLC at historic rates
East on Yale to <b>#7</b> (10:20)	Syracuse, south to Yosemite, Cherry Creek Drops 22 & 23	East to Cornell, east to <b>Site Visit – exit bus</b>	Boston, north to intersect 2002 CIP Project	<b>Highline Canal</b> Construction of 2 drops, a bridge across Cherry Creek for pedestrian and maintenance vehicles for the Highline Canal and siphon, and a ped bridge across Cherry Creek as part of the Cherry Creek Regional Trail
Bus only: <b>#8</b> (11:00)	Back to Yosemite, north to Cherry Creek Drops 21 & 20	Cherry Creek Drive East <b>Site visit</b>	Pick up at "T" 2007 CIP project	Construction of 2 drops, and a bridge across Cherry Creek for pedestrian and maintenance vehicles
Yosemite to <b>#9</b> (11:30)	Syracuse, south to Belleview Peoria Pond	East to Peoria, south Turn in only, stay on bus	to pond at Cottonwood Ck 2002 CIP Project	Construction of a regional water quantity and quality pond on Cottonwood Creek @ Peoria Street, including a triple-box culvert to convey Cottonwood Creek under Peoria
Peoria south to <b>#10</b> (11:40)	Bronco's Parkway, south on Peoria Street Vector Truck improvements	Airport, east into Road Turn in only, stay on bus	and Bridge facility 2007 County Project	NPDES MS4 Permit Program #6 requirement for Maintenance efforts
Exit Road and <b>#11</b> (11:55)	Bridge facility, east on Bronco's Vermillion Creek -2008	to Jordan, south to Drive by	Otero, east to cl-de-sac New CIP Project	Status Update of project
Back to Jordan <b>#12</b> (12:10)	South to Sandreed, east to Creek Cherry Creek Stream Restoration	Via Cottonwood <b>Site Visit; exit bus</b>	Sanitation District access 2006 CIP Project	Restoration of Cherry Creek to 1976 elevations using riffle-rock drop structures
Back to Jordan, 12:45	To Bronco's Parkway, west to Arrive back at SEMSWA	Easter, south on Lima	to Inverness Drive East,	<b>West to 76 Inverness Dr E</b>

SEMSWA Tour 2007: Date TBD

Tour Stop #:

12

Tour Guide:

Lanae

Location:

Cherry Creek @ 17 Mile House Park (county line)



The design concept for this reach of Cherry Creek went beyond simply stabilizing the creek in place. The stabilization design solution had a philosophy to it, a goal of reclaiming the creek as a shallow prairie stream while 'laying light on the land', making it hard to tell we were ever there. The grade controls chosen needed to emulate natural features, so we used a rock-mix that more closely resembles natural "riffle" formations than the usual common grade control materials such as grouted boulders. These drop structures mimic naturally occurring pool-riffle formations.

Restoration of the project area's ecology and vegetation was addressed by raising the channel bed and associated groundwater table back up to its pre-incised condition, and by more frequent conveyance of Cherry Creek flows into a newly contoured secondary channel. This approach enabled the project team to moderate Cherry Creek flows to regularly irrigate a far greater area of the floodplain than would otherwise occur, thereby restoring and enhancing the area.

