



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

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

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

SEMSWA Tour 2007: Date TBD

Tour Stop #:

12

Tour Guide:

Lanae

Location:

Cherry Creek @ 17 Mile House Park (county line)



Before



After

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.



Aerial of project area looking south towards Parker