

CIP Projects T-105 and PR-83 Trail Connection 2010-14 Cost Breakdown

UPDATED 4/7/11

YEAR 1 : PR-83

TRAIL ID #	TRAIL TYPE / NAME	DESCRIPTION	TRAIL MATERIAL	LENGTH (FT)	WIDTH (FT)	NEW TRAIL COST	MISCELLANEOUS ADDITIONS	COSTS OF ADDITIONS	TOTAL COSTS	NOTES / ISSUES	Responsible Fund
3	Spring Gulch Primary Greenway	Spangler Park to 15th Ave	Concrete	755	8	\$28,690.00	360 LF of possible concrete connections (@ \$38/LF), Easement to Baker St (120' x 20'wide x \$3/SF) easement with SVVSD (\$0)	\$20,880.00	\$49,570.00	Existing condition is dirt path. Western side is best for trail - proposed location shown on plan from SVVSD. Need to revise existing easement from SVVSD for ped access. If connect to Baker St, would need new easement. Would need SVVSD coordination for connection to S side of Spangler Elem.	50/50 split PIF & Street
6A	Secondary Greenway	New trail from 19th Ave to NE corner of Northridge Elementary School site	Concrete	780	8	\$29,640.00	Need easement from SVVSD	\$0.00	\$29,640.00	Existing condition is dirt path. Would help connect to school site. ROW is owned by SVVSD, but City has existing drainage easement & maintenance responsibility - would need to get new ped access easement per Jay.	Street Fund
18	Rough& Ready Connection	Connection between Rough & Ready and Independence Dr. trail	Concrete	85	8	\$3,230.00	Easement (80 LF x 20' wide x \$2/SF)	\$3,200.00	\$6,430.00	Have storm easement but need ped easement. Steep slope to deal with	Street Fund
6B	Secondary Greenway	Replacement of connections to Bragg Pl, Tony Pl & Herman Pl.	Concrete	392	5	\$9,310.00	Asphalt demo (2,352 SF @ \$2.50/SF), Relocation of 3 fire hydrants	\$8,000.00	\$17,310.00	Existing condition is asphalt. Need easement from SVVSD for N-S trail. Need to move 3 hydrants at cul-de-sacs. Coordinate with adjacent property owners on fence removals.	Street Fund
									Construction Subtotal:	\$102,950.00	
									20% Construction Contingency	\$20,590.00	
									Construction Total	\$123,540.00	
									12% Design Contingency	\$14,824.80	

YEAR 2 : PR-83

TRAIL ID #	TRAIL TYPE / NAME	DESCRIPTION	TRAIL MATERIAL	LENGTH (FT)	WIDTH (FT)	NEW TRAIL COST	MISCELLANEOUS ADDITIONS	COSTS OF ADDITIONS	TOTAL COSTS	NOTES / ISSUES	Responsible Fund
17	Spring Gulch Connection	Connection between 11th Ave & 12th Ave	Concrete	670	8	\$25,460.00	Easement (670 LF x 20' wide x \$2/SF)	\$26,800.00	\$52,260.00	On-street connection would be used between 12th Ave and Mountain View Ave	Street Fund
4	Oligarchy Ditch Primary Greenway	E side of Lanyon Park	Concrete	580	8	\$22,040.00	None	\$0.00	\$22,040.00	Existing condition is turf area in park. Can fit trail between ballfields and ditch. Coordinate with D-37 (Oligarchy Ditch Assessment)	Street Fund
5	Oligarchy Ditch Primary Greenway	Oligarchy Ditch Greenway at Main St.	Concrete	260	8		20'-wide trail easement (based on 50% of SF cost of '08 land sale price)	\$15,340.00	\$15,340.00	Land Acquisition only in Year 2. Existing condition is dirt path between concrete trail and asphalt alley. Will need an easement, as a 55'-wide ditch easement is only thing existing and it's not wide enough for a trail. Reimbursement available in future, as work will be required of developer. Easement cost based on current sale price of lot. Coordinate with D-37 (Oligarchy Ditch Assessment)	Street Fund
13	Secondary Greenway	Sunset St to 1st Ave / Donavon Place to Hildebrandt Property	Crusher Fines	1450	8	\$23,200.00	680 LF of possible trail if Bohn Park CIP occurs (@ \$16/LF), Possible easements needed N of Hildebrandt	\$10,880.00	\$34,080.00	Crusher fines. Hildebrandt will provide easement per annexation. Could add additional section if Bohn Park (PR-149) is ever approved. May need easement for that portion	50/50 split PIF & Street

8	Secondary Greenway	PRPA trail	Concrete	715	8	\$27,170.00	Easement from PRPA, Median cut and lights across 17th Avenue (\$20,000)	\$20,000.00	\$47,170.00	Would need to coordinate with PRPA on timing of their project. 75'-wide PRPA easement with 20'wide access road exists. Maybe include button with light and break in median at 17th Ave. Could also link with T-11 or PR-77 (Lake McIntosh) for road crossing	Street Fund
2b	Primary Greenway	Conceptual design and PUC Clearance for underpass at RR tracks and Spring Gulch					10% of construction estimate		\$40,000.00	Will need to hire a consultant to investigate the potential design for the UP and get clearance from the PUC and BNSF. Will also determine ROW acquisition needs.	
									Construction Subtotal:	\$170,890.00	
									20% Construction Contingency	\$34,178.00	
									Construction Total	\$205,068.00	
									12% Design Contingency	\$64,608.16	

YEAR 3 : PR-83

TRAIL ID #	TRAIL TYPE / NAME	DESCRIPTION	TRAIL MATERIAL	LENGTH (FT)	WIDTH (FT)	NEW TRAIL COST	MISCELLANEOUS ADDITIONS	COSTS OF ADDITIONS	TOTAL COSTS	NOTES / ISSUES	Responsible Fund
12	Niwot Ditch Primary Greenway	South of Public Works Operations Facility	Concrete	1870	8	\$71,060.00	None	\$0.00	\$71,060.00	Would complete PW responsibility for trail construction and connect to future greenway trail in front of BOCO facility. Coordinate with T-105	50/50 split Street & Sanitation
17a	Spring Gulch Connection	Connection between 11th Ave & 9th W of RR tracks	Concrete	890	8	\$33,820.00	Easement (890 LF x 20' wide x \$2/SF)	\$35,600.00	\$69,420.00	Would reduce the need for the RR crossing mentioned in Year 5 project.	Street Fund
5	Oligarchy Ditch Primary Greenway	Oligarchy Ditch Greenway at Main St.	Concrete	260	8	\$9,880.00	ROW purchased in Yr 2	\$0.00	\$9,880.00	Assumes easment / ROW is acquired in Year 2. Coordinate with D-37 (Oligarchy Ditch Assessment)	Street Fund
16	Oligarchy Ditch Primary Greenway	Connections between Mtn. View & 15th Ave	Concrete	1360	8	\$51,680.00	Easement (1360 LF x 10' wide x \$4/SF)	\$60,000.00	\$111,680.00	Will have at-grade crossing at Mountain View Ave - crosswalk? Coordinate with D-37 (Oligarchy Ditch Assessment)	Street Fund

Construction Subtotal:	\$262,040.00
20% Construction Contingency	\$52,408.00
Construction Total	\$314,448.00
12% Design Contingency	\$37,733.76

YEAR 4 : PR-83

TRAIL ID #	TRAIL TYPE / NAME	DESCRIPTION	TRAIL MATERIAL	LENGTH (FT)	WIDTH (FT)	NEW TRAIL COST	MISCELLANEOUS ADDITIONS	COSTS OF ADDITIONS	TOTAL COSTS	NOTES / ISSUES	Responsible Fund
15	Old Mill Ditch Primary Greenway	Along northern side of Twin Peaks Golf Course	Concrete	3985	10	\$189,287.50	Pedestrian bridge (\$80,000)	\$80,000.00	\$269,287.50	Existing condition is dirt path. +/- \$10K going to Larry Mills from escrow account to use for project. Larry has concerns with safety, especially W of clubhouse at Hole #1. May need to fence to protect. Will need ped bridge at W end.	Street Fund
1	Secondary Greenway	9th Ave to Independence Drive	Concrete	1326	8	\$50,388.00	Asphalt demo (10,608 SF x \$2.50/SF)	\$26,520.00	\$76,908.00	Existing condition is 8' asphalt (fair condition) with adjacent open Yeager Ditch Lateral.	PIF
2a	Spring Gulch Primary Greenway	Spring Gulch from 9th Ave to Martin Road.	Concrete	2056	8	\$78,128.00	Asphalt demo (16,000 SF @ \$2.50/SF),	\$40,000.00	\$118,128.00	Existing condition is asphalt and dirt. Relates to 2b (Underpass at RR tracks) and 17 (Trail on W side of RR tracks and gulch).	PIF

Construction Subtotal:	\$464,323.50
20% Construction Contingency	\$92,864.70
Construction Total	\$557,188.20
12% Design Contingency	\$66,862.58

YEAR 5 : PR-83

TRAIL ID #	TRAIL TYPE / NAME	DESCRIPTION	TRAIL MATERIAL	LENGTH (FT)	WIDTH (FT)	NEW TRAIL COST	MISCELLANEOUS ADDITIONS	COSTS OF ADDITIONS	TOTAL COSTS	NOTES / ISSUES	Responsible Fund
2b	Spring Gulch Primary Greenway	Connection under RR tracks at Spring Gulch trail north of 9th Avenue	Concrete	188	8	\$7,144.00	ROW acquisitions (\$50,000) RR underpass (\$400,000)	\$450,000.00	\$457,144.00	Existing condition is dirt. Check w/ Storm Drainage re: access to manhole W of tracks. May need to revise existing floodplain/drainage easement W of tracks for connection. All clear E of tracks. Potential underpass at RR tracks.	Street Fund
7	Longmont Supply Ditch Primary Greenway	Wedgewood to Oligarchy Ditch Greenway	Concrete	640	8	\$24,320.00	Pedestrian bridge (\$80,000), Trail easement (600 LF x 20'-wide x \$2/SF)	\$104,000.00	\$128,320.00	No path exists. Some trail would be in narrow area adjacent to existing parking lot. Need pedestrian bridge over Oligarchy Ditch. Only a 20'-wide utility easement exists south of the ditch and parking lot / road is private, so an easement would be required. All ok N of the ditch. Coordinate with D-37 (Oligarchy Ditch Assessment)	50/50 split PIF & Street
9	Rough & Ready Ditch Primary Greenway	Pace Street to Mountain View Avenue	Concrete	2012	8	\$76,456.00	Asphalt & concrete demo (16,096 SF @ \$2.50/SF)	\$40,240.00	\$116,696.00	Existing condition is asphalt and concrete path. Poor surface, narrow & no off-set from adjacent fence. Lowest priority - will be re-built (with ditch likely piped) when adjacent land develops.	Street Fund
26	Secondary Greenway	SVGW 119th Street Trailhead to Great Western Drive	Concrete	2450	8	\$39,200.00	Easement from Sugarmill Properties (1050' x 20' x \$2/SF)	\$42,000.00	\$81,200.00	Would need to coordinate with BOCO and CDOT for trail in ROWs to avoid Thomas property.	Street Fund

Construction Subtotal:	\$783,360.00
20% Construction Contingency	\$156,672.00
Construction Total	\$940,032.00
12% Design Contingency	\$112,803.84

5 Year Construction Total	\$2,140,276.20
5 Year Design Total	\$296,833.14
5 Year Total	\$2,437,109.34

YEAR 1 : T-105

TRAIL ID #	TRAIL TYPE / NAME	DESCRIPTION	TRAIL MATERIAL	LENGTH (FT)	WIDTH (FT)	NEW TRAIL COST	MISCELLANEOUS ADDITIONS	COSTS OF ADDITIONS	TOTAL COSTS	NOTES / ISSUES	Responsible Fund
20	9th Avenue ROW trail	9th Avenue (South Side) between Martin Street and Lashley Street	Concrete	1325	8	\$50,350.00	ROW acquisition (1225' x 20' x \$2/SF), Crossing of Spring Gulch (\$40,000)	\$89,000.00	\$139,350.00	ROW Acquisition needed. \$50,000 budgeted in 2009 TSM.	Street Fund
	Sherman St. sidewalk	E side of Sherman between Grand & Kansas	Concrete	1100	5	\$26,125.00	utility relocation (\$20,000), drainage (\$20,000)	\$40,000.00	\$66,125.00	Will need public process for frontages crossed. May only build to Iowa (location of Mental Health facility).	Street Fund

Construction Subtotal:	\$205,475.00
20% Construction Contingency	\$41,095.00
Construction Total	\$246,570.00
12% Design Contingency	\$29,588.40

YEAR 2 : T-105

TRAIL ID #	TRAIL TYPE / NAME	DESCRIPTION	TRAIL MATERIAL	LENGTH (FT)	WIDTH (FT)	NEW TRAIL COST	MISCELLANEOUS ADDITIONS	COSTS OF ADDITIONS	TOTAL COSTS	NOTES / ISSUES	Responsible Fund
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23	Nelson Rd ROW trail	Nelson Road (South Side) Between Hover St. and Korte Pkwy.	Concrete	525	8	\$19,950.00	ROW acquisition	\$0.00	\$19,950.00	Completion of missing section of sidewalk along Nelson Road. Assumes ROW will be dedicated by Owner. City to be reimbursed for trail costs when property develops.	Street Fund
24a/b	Hover Street & 9th Ave ROW trail	Conceptual design for ROW acquisition					10% of construction estimate		\$35,000.00		Street Fund
									Construction Subtotal:	\$54,950.00	
									20% Construction Contingency	\$10,990.00	
									Construction Total	\$65,940.00	
									12% Design Contingency	\$42,912.80	

YEARS 3 - 4 : T-105											
TRAIL ID #	TRAIL TYPE / NAME	DESCRIPTION	TRAIL MATERIAL	LENGTH (FT)	WIDTH (FT)	NEW TRAIL COST	MISCELLANEOUS ADDITIONS	COSTS OF ADDITIONS	TOTAL COSTS	NOTES / ISSUES	Responsible Fund
25	17th Ave ROW	17th Avenue - Main Street to Alpine	Concrete	5250	8	\$199,500.00	Demo of existing walk, possible easement needs	\$0.00	\$199,500.00	Possible to be solved with re-striping. Low priority with all of existing drives and potential ROW needs	Street Fund
24b	9th Avenue ROW trail	South side of 9th Ave between Hayden Court and Hover St.	Concrete	2400	8	\$91,200.00	ROW acquisition (1460' x 15' x \$3/SF)	\$65,700.00	\$156,900.00	May be able to reduce ROW acquisition need with engineering. 800 LF of trail (\$30,400) to be reimbursed with development of church at SW corner of 9th & Hover. Do Preliminary design & ROW acquisition in '11.	Street Fund
21	Ken Pratt Blvd ROW trail	Ken Pratt Boulevard between 3rd Ave. and Weld County Road 1	Concrete	2200	8	\$83,600.00	ROW acquisition	\$0.00	\$83,600.00	All of trail costs to be reimbursed with development of Ludlow commercial site. Assumes ROW dedicated by Ludlow.	Street Fund
26	9th Avenue ROW trail	South side of 9th Ave from W of Pace St to Brookside Dr.	Concrete	1110	8	\$42,180.00	ROW acquisition (1110' x 15' x \$2/SF), Extensive retaining walls (\$20,000)	\$53,300.00	\$95,480.00	Will need ROW from 1 propoerty owner. Signnificant slope issue, so walls will be needed.May be some \$\$ in escrow fund.	Street Fund
24a	Hover St ROW trail	Hover Street (West Side) Between Home Depot and 9th Ave.	Concrete	6550	8	\$248,900.00	ROW acquisition 4000' x 15' x \$3/SF)	\$180,000.00	\$428,900.00	This will most likely be a multi-year, phased project. May be able to reduce ROW acquisition need with engineering. 1400 LF of trail (\$53,200) to be reimbursed with development of church at SW corner of 9th & Hover. 1070 LF of trail (\$40,700) to be reimbursed with development of Sunflower Market commercial site N of Home Depot. Existing trail is 4'-5' wide and curb attached to Hover St. Do Preliminary design & ROW acquisition in '12.	Street Fund
									Construction Subtotal:	\$964,380.00	
									20% Construction Contingency	\$192,876.00	
									Construction Total	\$1,157,256.00	
									12% Design Contingency	\$138,870.72	

Other Misc Projects from Public Process of Projects on Hold

TRAIL ID #	TRAIL TYPE / NAME	DESCRIPTION	TRAIL MATERIAL	LENGTH (FT)	WIDTH (FT)	NEW TRAIL COST	MISCELLANEOUS ADDITIONS	COSTS OF ADDITIONS	TOTAL COSTS	NOTES / ISSUES	Responsible Fund
16	Oligarchy Ditch Primary Greenway	Connections between 15th Ave & 17th Ave	Concrete	1400	8	\$53,200.00	Easement (1400 LF x 20' wide x \$3SF) + retaining wall & ped bridge (\$150K)	\$234,000.00	\$287,200.00	Need ped bridge S of 17th. Coordinate with PUC & RR needed. Coordinate with D-37 (Oligarchy Ditch Assessment)	Street Fund

	Bike lane Improvements to Sundance Drive	Between Twilight Court and 17th Avenue									
	Improved bike lanes on Sunset St	Between Pike Rd and Sunset MS									
	Twin Peaks Mall	Sunset St, through Mall site to Hover underpass at Dry Creek									To be done after masterplanning of mall property.
	Oligarchy Ditch Greenway / 119th Street trail	Underpass at Oligarchy Ditch & 3rd Ave to Sugarmill Rd, to 119th St and across Ken Pratt Blvd.									
	Dry Creek Greenway	Connect from N 75th Street to Lagerman reservoir									BOCO project
	Boulder County Fairgrounds	Connect from Nelson Rd through Fairgrounds to Boston Ave.									BOCO project
	17th Ave bikelanes	Between Spencer St & Gay St									
	SH 66 ROW trail	Between WCR 1 and Hover Road (S side)									
	Secondary Greenway	Valley Park & Golden Ponds Estates to Golden Ponds	Crusher Fines	885	8	\$14,160.00	2 RR crossings (@ \$300,000/ea) and easements for both trails (885 LF x 20'-wide x \$2/SF)	\$635,400.00	\$649,560.00		Will include railroad crossings. Will need easements from HOA and/or adjacent property owners.
	Secondary Greenway	Donavon Drive to St. Vrain Greenway	Crusher Fines	720	8	\$11,520.00	Easements from Pecks (80' x 20'-wide x \$2/SF) and BOCO, RR underpass (\$300,000)	\$303,200.00	\$314,720.00		Desired connection due to social trail. Need to get agreement from BOCO Open Space
	Secondary Greenway	St Vrain Greenway access from Main St., N of Creek	Concrete steps								Desired connection from bus stop. Would need steps and possibly an easement from tire shop. Also needs Cot coordination.
	Primary Greenway	Golden Ponds to Fordham Street	Concrete								Per LACP.
	SH 66 ROW trail	SH 66 (South Side) Between US 287 and Collyer	Concrete	780	8	\$29,640.00	Ditch Company Agreement (\$10K), Bridge over ditch (\$50K)	\$60,000.00	\$89,640.00		Consultant design with \$150,000 budgeted in 2009. Carryover remaining funding to 2010 and additional construction funding may be needed from 2010 TSM (dependant on final design/cost estimate). CDOT, utility and ditch company coordination. ROW or temporary construction easement required from adjacent Super 8 Motel.
	Sunset St ROW trail	Sunset Street between Izaak Walton and Boston Ave. (West side)	Concrete	610	5	\$14,487.50	Bridge x-ing at St Vrain	\$50,000.00	\$64,487.50		Potential project coordination with CIP T-77. TSM
	Sunset St ROW trail	Sunset Street between Izaak Walton and Boston Ave. (East side)	Concrete	1135	5	\$26,956.25	ROW acquisition (280' x 20' x \$2/SF), Bridge x-ing at St Vrain (\$50K)	\$61,200.00	\$88,156.25		Potential project coordination with CIP T-77. TSM