

Appendix E Cumulative Analysis Projects List

Cumulative Analysis Projects List

Table 1 and Table 2 list reasonably foreseeable future actions in Clear Creek County. The tables include development planned for the near term, master plans to accommodate long-term development, resource management plans, and transportation projects. Figure 1 provides a map illustrating project locations, followed by a map key.

Table 1. Reasonably Foreseeable Future Actions

Project	Description	Status	Source
Water Quality			
Managing Stormwater to Protect Water Resources Report	Plan to introduce, educate, and provide general guidance for implementing green stormwater management practices at the watershed, community, and individual lot level.	Ongoing	(CCC, 2009a)
Beaver Brook Watershed Management Plan	Plan for management of public recreation and protection of natural resources in the Beaver Brook watershed.	Ongoing	(CCCOSC, 2006)
Clear Creek Sediment Control Action Plan	Plan with actions to address roadway maintenance and natural erosion.	To be implemented in conjunction with transportation projects along Clear Creek	(CDOT, 2011a)
Clear Creek Aquatic Habitat Improvements	Creation of a deepened thalweg and use of material to create a shallow point bar on the side of the channel at 7 potential locations along Clear Creek at Idaho Springs.	Concurrent with Twin Tunnels EA	(CDOT, 2011b)
Bulkhead Flow Control	Installation of a bulkhead system to control or improve flow from the Argo Tunnel, prior to its treatment (for removal of metals and pH adjustment) and eventual discharge to Clear Creek	Under negotiation with tunnel owner	(EPA, 2011)
CDOT wetland mitigation bank	Wetland mitigation bank along I-70 west of US 40	Ongoing	Not Applicable
Other Resource Plans			
Community Wildfire Protection Plan	Plan delineating Wildland-Urban Interface communities and neighborhoods within the county, and prioritizing mitigation actions to reduce those wildfire threats	Ongoing	(CCCOEM, 2008)
Noxious Weed Management Plan	Comprehensive management plan for the control of noxious weeds within Clear Creek County	Ongoing	(CCC, 2007)
Cultural Resources Management Plan	Comprehensive management plan for cultural resources in Clear Creek County	Ongoing	(CCCBOCC, 2010)
Affordable Housing Study	Strategy to address employee housing needs and enable the county's economy to grow.	Ongoing	(CCC, 2003)

Table 1. Reasonably Foreseeable Future Actions Continued

Project	Description	Status	Source
Development Projects			
Philadelphia Mill Site Fishery	Trail access to creek for streamside fishing, parking, shelter, restrooms, and handicap accessible fishing platforms.	Funded. In development.	Tableman, 2012, Pers. Comm.
Bakerville Development	Land rezoned to commercial/ outdoor/ recreation, dependent on infrastructure availability. Zoning allows for max building size of 5000sq ft, trailhead parking, and restrooms.	Conceptual Plans. Not Currently Funded	Leben, 2012, Pers. Comm.
Minton Park Expansion	Expand the playground at Minton Park.	Funded. In development.	(GOC, 2011)
Renewable Energy Theme Park	Development of theme park focusing on renewable energy, located on CR 314 immediately south of Twin Tunnels.	On hold	Condon, 2012, Pers. Comm.
USFS Actions			
Dry Gulch Boreal Toad Ponds	Construct a series of 2-7 shallow ponds to create new habitat for boreal toads in an old borrow pit excavation site.	On hold	(USFS, 2011)
Clear Creek Ranger District Developed Sites Reforestation	Plant tree seedlings and saplings in developed recreation sites.	Funded. In Progress.	(USFS, 2011)
Intermountain Rural Electric (IREA) Distribution Line	Amend I-REA's permit to allow for a new 12.5 kv distribution line in the Squaw Pass area to connect the existing Blue Valley Electric Line to the Bergen Park Line.	Funded. In Progress.	(USFS, 2011)
State of Colorado Communication Site Expansion	Issue an amendment to the current communication site authorization to allow for a building and a tower expansion to improve emergency services.	Funded. In Progress.	(USFS, 2011)
Loveland Ski Area	Installation of 1,900 feet of new snow making line on Twist Run and an unload midway station on lift 2.	Funded. In Progress.	(USFS, 2011)
Master Plans			
Idaho Springs <i>Comprehensive Plan</i> (2008)	Plan identifying goals and policies for land use, transportation, housing, economic growth, environmental and historic resources, and recreation in Idaho Springs.	Ongoing	(Idaho Springs, 2008a)
Idaho Springs <i>3 Mile Area Plan</i> (2008)	Plan providing direction on land use and infrastructure needs within 3 miles of city boundary. Expresses need for balance between developed and recreational/open space land uses to: broaden the range of housing types; bring in buildable land to accommodate preferred land uses; be easily served by utilities; strengthen the economy; and promote infill and common community interest.	Ongoing	(Idaho Springs, 2008b)

Table 1. Reasonably Foreseeable Future Actions Continued

Project	Description	Status	Source
Master Plans (Continued)			
Clear Creek County <i>Master Plan 2030</i> (2004)	Plan identifying goals and policies for land use, transportation, housing, economic growth, environmental resources, and recreation in Idaho Springs.	Ongoing	(CCC, 2004)
Clear Creek County Open Space Plan (2005)	Plan for open space preservation and trail development.	Ongoing	(CCC, 2005a)
Clear Creek County Greenway Plan (2005)	Plan for recreation resources and trail network along Clear Creek.	Ongoing	(CCC, 2005b)
Clear Creek County Floyd Hill Gateway Development Master Plan (2009)	Plan for transit and development in the Floyd Hill area of Clear Creek County.	Ongoing	(CCC, 2009b)
Clear Creek County Non-Motorized Routes Master Plan (1990)	Plan for use of existing unimproved facilities for non-motorized corridor purposes.	Ongoing	(CCC, 1990)
See references section of this appendix for sources.			

Table 2. Reasonably Foreseeable Future Transportation Projects

Project	General Description	Limits	Responsible Agency	Status
SH 119, US 6, US 40	Blackhawk to US 40 – safety improvements (curve straightening, lighting, improve shoulders, minor widening)	SH 119 MP 0.0 – MP 5.3, US 6 to Blackhawk and US 6, I-70 to Golden	CDOT Region 1	Construction completion of Phase I of SH 119 MP 5.3 to 6.0 is expected late fall 2012, including an overlay from MP 0.0 to 5.3 and safety improvements. Designs for US 40 overlay and bridge widening at US 6 and US 40 are on complete, with no construction funding programmed.
Guanelia Pass Road	Full paving	US 285 to Georgetown	Central Federal Lands	Phase 1 completed in 2007; Phase 2 under construction
US 285	From Conifer to Bailey – widening from 2 to 4 lanes with some grade separated interchanges added	Bailey to Foxtan Road in Conifer	CDOT Region 1	Various sections built including Richmond Hill, Deer Creek, Shaffers Crossing interchanges; Pine Junction interchange under design (to be completed spring 2014), no construction funding programmed; Shaffers Crossing to Richmond Hill no design or construction funding
Georgetown Hill Rock Attenuation	Rock fall attenuation at Chutes 6, 7, 9, and 10 along Georgetown Hill from MP 226-227	MP 226-227	CDOT Region 1	Ongoing; construction completion expected in 2012
I-70 - Wildlife Mitigation at Floyd Hill	Install signs and other mitigation measures to prevent animal vehicle collisions	I-70 at Floyd Hill, MP 245 to 255	CDOT Region 1	Anticipated advertisement for construction bids March 2012
Squaw Pass Rd	4 ft ascending bike lane and 2 ft paved shoulder along descending lane	CR 103 (Squaw Pass Road)	US Forest Service	EA decision expected March 2012, construction expected June 2012
I-70 - US 40/ Empire Junction	Interchange reconstruction	I-70/US 40 interchange	CDOT Region 1	Not currently funded. Included in 2035 Denver Regional Council of Governments Regional Transportation Plan (DRCOG, 2011).

Table 2. Reasonably Foreseeable Future Transportation Projects Continued

Project	General Description	Limits	Responsible Agency	Status
I-70 - Chain-up Stations, Phase III	Illuminate three chain-up stations	Chain stations on eastbound I-70 at MP 203 and 228 and west-bound I-70 at MP 223	CDOT Region 1	Construction complete summer 2012
I-70 Auxiliary Lane Clear Creek County	Eastbound auxiliary lane on I-70, including 4 to 6 feet of widening and restriping	US 6 on-ramp (MP 216.7) to Herman's Gulch off-ramp (MP 218.4)	CDOT Region 1	Construction planned for 2013
I-70 Mountain Corridor Preferred Alternative	Future non-infrastructure, Advanced Guideway System (AGS) transit, and highway capacity and safety improvements. See PEIS for preferred alternative description.	I-70 – C-470 to Glenwood Springs	CDOT Region 1 and CDOT Region 4	Funded projects include AGS feasibility study, Twin Tunnels EA, and CR 314 (frontage road) reconstruction between old Highway 40 and Hidden Valley interchange
I-70 - Floyd Hill Resurfacing	Resurfacing	Floyd Hill, MP 242 to 247	CDOT Region 1	Overlay complete. Bridge expansion joint repairs to be done and install pull boxes complete July 2012
SH 5 - Mt. Evans Road	Frost heave repair, new shoulders, new piping	SH 5, MP 6 to 9.5	CDOT Region 1	On hold
SH 103 - Junction of SH 5 to Squaw Pass Rehabilitation	Rehabilitation/Paving	SH 103 – SH 5 to Squaw Pass	CDOT Region 1	Anticipated Ad July of 2012
Soda Creek Rd Asphalt Paving	Paving	I-70 to Pine Slope Rd	Clear Creek County	Design complete
Downieville Port of Entry	Replacement of concrete slab on entrance ramp to port of entry.	Port of entry	Colorado Department of Revenue	Late summer 2012
See References section (p.E-10) of this Appendix E for sources.				

FIGURE 1
Map of Reasonably Foreseeable Future Actions in Clear Creek County

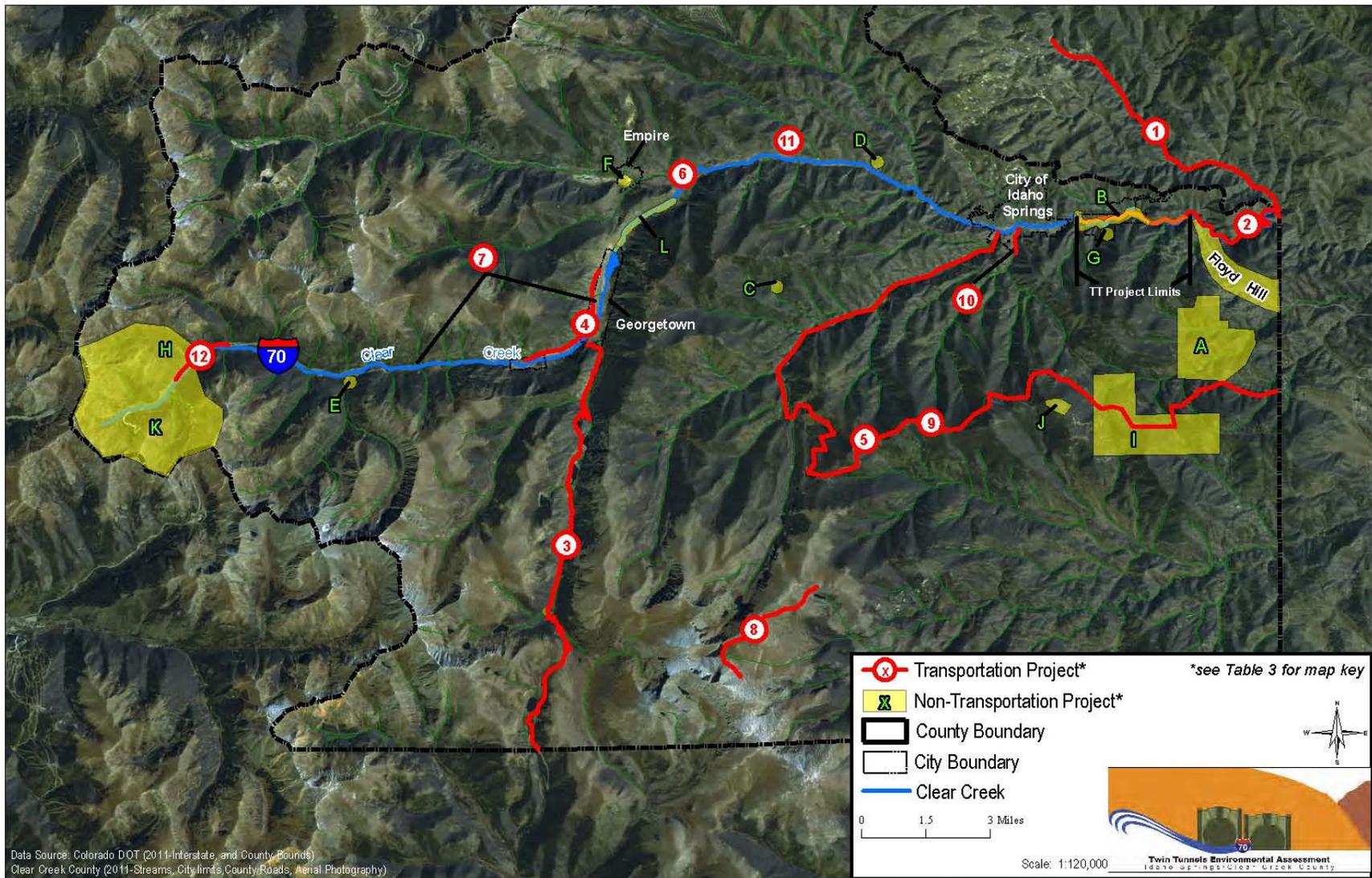


Table 3. Map Key

Non Transportation Projects	Map ID	Transportation Projects	Map ID
Managing Stormwater to Protect Water Resources Report	Not Mapped	SH 119, US 6, US 40	1 & 2
Beaver Brook Watershed Management Plan	A	Guanelle Pass Road	3
Clear Creek Sediment Control Action Plan	Not Mapped (County-wide)	US 285	Not Mapped
Clear Creek Aquatic Habitat Improvements	B	Georgetown Hill Rock Attenuation	4
Bulkhead Flow Control	C	I-70 - Wildlife Mitigation at Floyd Hill	See Floyd Hill Area
Community Wildfire Protection Plan	Not Mapped (County-wide)	Squaw Pass Rd	5
Noxious Weed Management Plan	Not Mapped (County-wide)	I-70 - US 40/Empire Junction	6
Cultural Resources Management Plan	Not Mapped (County-wide)	I-70 - Chain-up Stations, Phase III	7
Affordable Housing Study	Not Mapped (County-wide)	I-70 Mountain Corridor Preferred Alternative	Along I-70
Philadelphia Mill Site Fishery	D	I-70 - Floyd Hill Resurfacing	See Floyd Hill Area
Bakerville Development	E	SH 5 - Mt. Evans Road	8
Minton Park Expansion	F	SH 103 - Junction of SH 5 to Squaw Pass Rehabilitation	9
Renewable Energy Theme Park	G	Soda Creek Rd Asphalt Paving	10
Dry Gulch Boreal Toad Ponds	H	Downieville Port of Entry	11
Clear Creek Ranger District Developed Sites Reforestation	Not Mapped	I-70 Eastbound Auxiliary Lane	12
Intermountain Rural Electric (IREA) Distribution Line	I		
State of Colorado Communication Site Expansion	J		
Loveland Ski Area	K		
Clear Creek Mitigation Bank	L		
Idaho Springs <i>Comprehensive Plan</i> (2008)	Idaho Springs City Boundary		
Idaho Springs <i>3 Mile Area Plan</i> (2008)	Idaho Springs City Boundary		
Clear Creek County <i>Master Plan 2030</i> (2004)	Not Mapped (County-wide)		
Clear Creek County <i>Open Space Plan</i> (2005)	Not Mapped (County-wide)		
Clear Creek County <i>Greenway Plan</i> (2005)	Not Mapped (County-wide)		
Clear Creek County <i>Floyd Hill Gateway Development Master Plan</i> (2009)	See Floyd Hill Area		
Clear Creek County <i>Non-Motorized Routes Master Plan</i> (1990)	Not Mapped (County-wide)		

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