

Twin Tunnels Design/Construction Technical Team Meeting #13

**March 28, 2013
9:00AM – 12:00PM**

**CDOT Region 1
Trail Ridge Conference Room
Golden, Colorado**



Agenda

1. Agenda Review
2. Other Corridor Updates
3. Schedule Review
4. Minor project updates
5. CSS document review
6. Public Involvement
 1. Communications ITF
 2. Rafting outreach

Step 1
Define Desired Outcomes
and Actions

Step 2
Endorse the Process

Step 3
Establish Criteria

Step 4
Develop Alternatives and Options

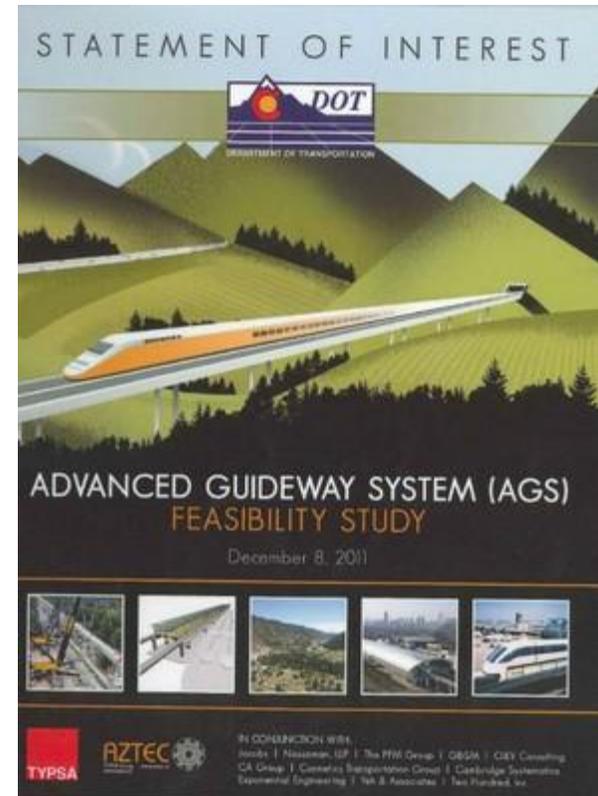
Step 5
Evaluate, Select, and Refine
Alternatives and Options

Step 6
Finalize Documentation and
Evaluation Process



Other Corridor Updates

- AGS Study
- Peak Period Shoulder Lanes
- Traffic and Revenue Study
- Smart Work Zone
- Georgetown rockfall



Core Values

- **Safety**
- **Mobility**
- **Gateway**
- **Wildlife**
- **The Creek**
- **Destination**
- **History**
- **Constructability**
- **Inclusivity**
- **Schedule**
- **Schedule**
 - all activities to achieve the goal of opening the EB tunnel and 3rd eastbound lanes by late 2013.



Technical Team Discussions



TWIN TUNNELS WIDENING ISSUES FOR TECHNICAL TEAM PRELIMINARY SCHEDULE

March 28, 2013	2012																2013													
	MAY		JUNE		JULY		AUG		SEPT		OCT		NOV		DEC		JAN		FEB		MAR		APRIL		MAY		JUNE		JULY	
ISSUES	2ND	4TH	2ND	4TH	2ND	4TH	2ND	4TH	2ND	4TH	2ND	4TH	2ND	4TH	2ND	4TH	2ND	4TH	2ND	4TH	2ND	4TH	2ND	4TH	2ND	4TH	2ND	4TH	2ND	4TH
NOISE/ VIBRATION	—	*																												
TUNNEL LINING	—					*	●																							
RETAINING WALL RAILING	—	*																												
IMPACTS TO TRAFFIC	—	*	●		●		●																							
I-70 RETAINING WALL AESTHETICS	—	*	●	●	●																									
BRIDGE AESTHETICS	—		*		●	●																								
NEPA ANALYSIS OF CONSTRUCTION METHODS	—	*	●																											
ROCKFALL STRUCTURES	—	*	●		●																									
SIGNING			—			*			●																					
ADAPTIVE MITIGATION							*		●																					●
PUBLIC INFORMATION			—				*		●		●										●									
IMPACTS TO RECREATION USERS			—	*	●								●								●									
INFRASTRUCTURE IN MEDIAN			—						*		●																			
COATINGS (COLOR)			—						*	●			●																	
LIGHTING			—				*		●																					
LANDSCAPING			—				*	*	*	*	*		*	*															●	
TUNNEL PORTAL AESTHETICS			—						*		●																			
INCIDENT MANAGEMENT PLAN			—				*																							
C.R. 314 FRONTAGE ROAD RETAINING WALL FASCIA					—						*	*		●			●													
SOUTH SIDE OF W.B. BRIDGE OVER CLEAR CREEK							—		*																					
TRAILHEAD IMPROVEMENTS										*	●		●				●				●								●	
ENHANCEMENT OPPORTUNITIES			—				*		*		*																			*

AESTHETICS REVIEW
Creek Walls, Railing, Landscape

AESTHETICS REVIEW
Bridge Area, Landscape

AESTHETICS REVIEW
East Portal, West Portal, Game Check, Landscape

PACKAGE 1A PACKAGE 1B PACKAGE 2 PACKAGE 3

LEGEND:	
 Shaded Items are Complete	* Presentation of Concepts
 Discuss Criteria	● Follow-up (As Needed)

NOTE: FINAL DESIGN AND CONSTRUCTION WILL CONTINUE THROUGH MARCH 2014. AFTER FEBRUARY 2013, TECHNICAL TEAM MEETINGS WILL OCCUR ON AN AS NEEDED BASIS, LESS THAN ONCE A MONTH

Twin Tunnels Schedule

Package 1A and 1B

- Under Construction

Package 2 (Tunnel construction)

- Under Construction
- Detour begins April 1, 2013
- Blasting begins mid-April

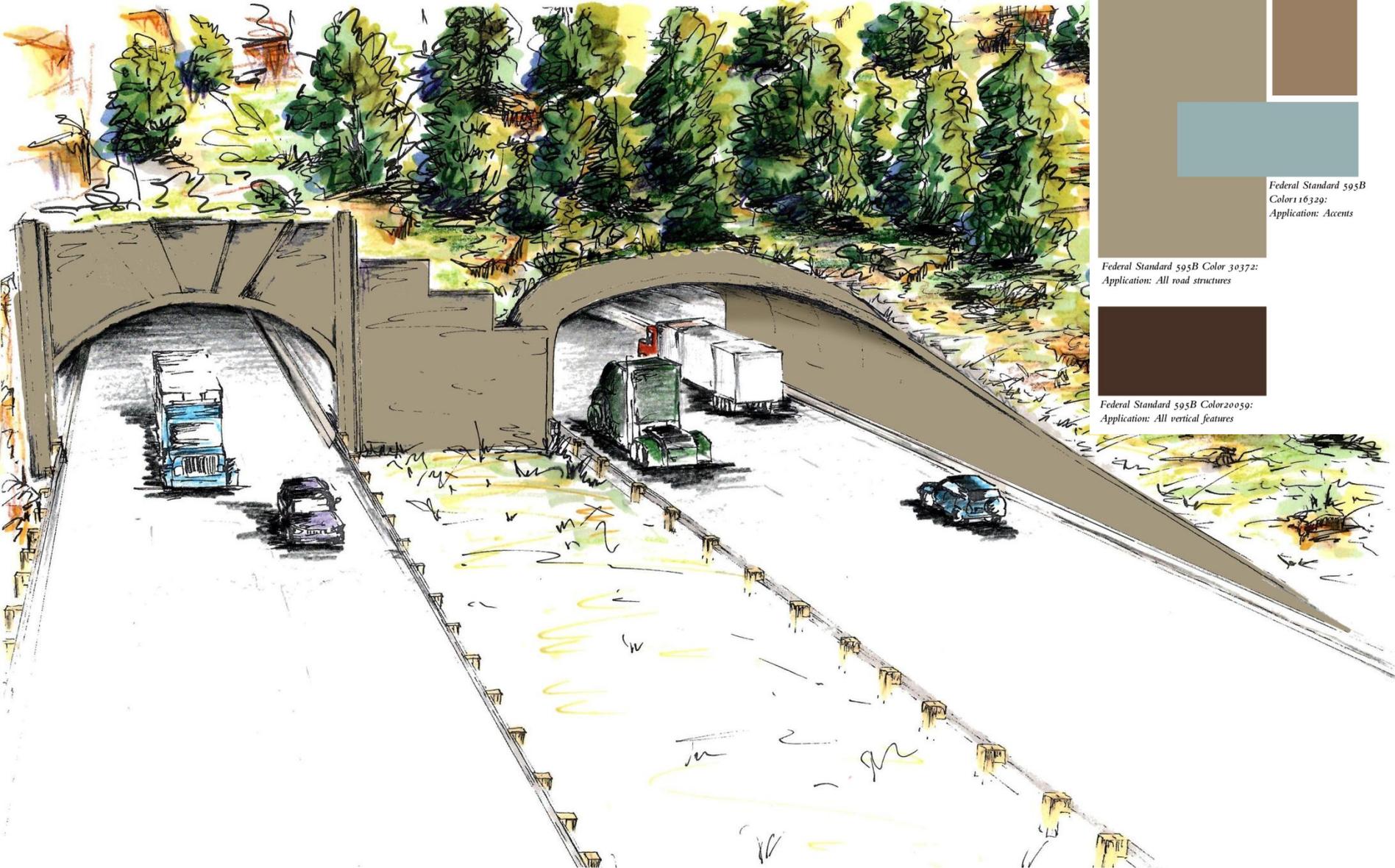
Tentative Timelines for Package 3

Package 3

- Concept design began January 2013
- FIR Meeting: May 29, 2013
- FOR Meeting: August 14, 2013
- NTP: October 1, 2013



Minor Project Updates: Tunnel Portal Color Coordination



Minor project updates

- County Road 314 swale/buffer material
- West side “parking area” reclamation
- Portal and trailhead area irrigation
- Section 106 stakeholder meeting in April
 - » Interviews for tunnel video
 - » Interpretive signage

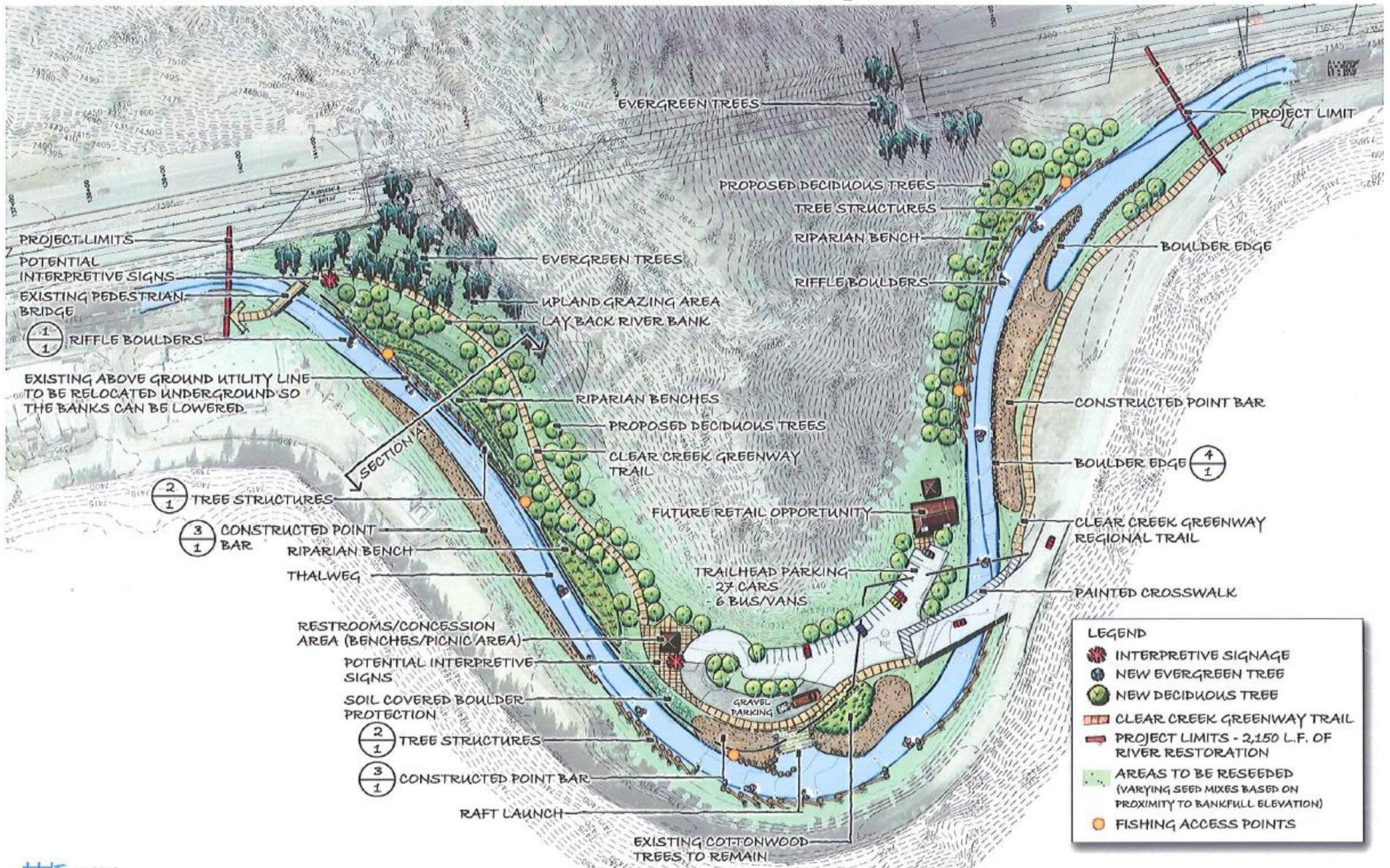


Trailhead: Progress

- Primary partners include CDOT, Clear Creek County, Idaho Springs, Colorado Parks and Wildlife, and Colorado Trout Unlimited.
- Partners have agreed on concept plan – including split between Twin Tunnels and Trailhead Enhancement
 - » Remaining secured budget of \$1M (\$250K spent on utilities)
 - » Submitted “Fishing is Fun” grant requesting \$250K
 - Hoping to give FIF a presentation in April
 - » Need to identify additional funds or reduce scope
- Coordination meetings with CPW will continue through April to prepare FIR plans



Trailhead: Concept Plan



CSS Documentation

- Draft CSS Document provided for TT review
 - » Core values
 - » Design Elements
 - » Design Criterion
 - » Enhancements
- Opportunities for Step 6 - Evaluation

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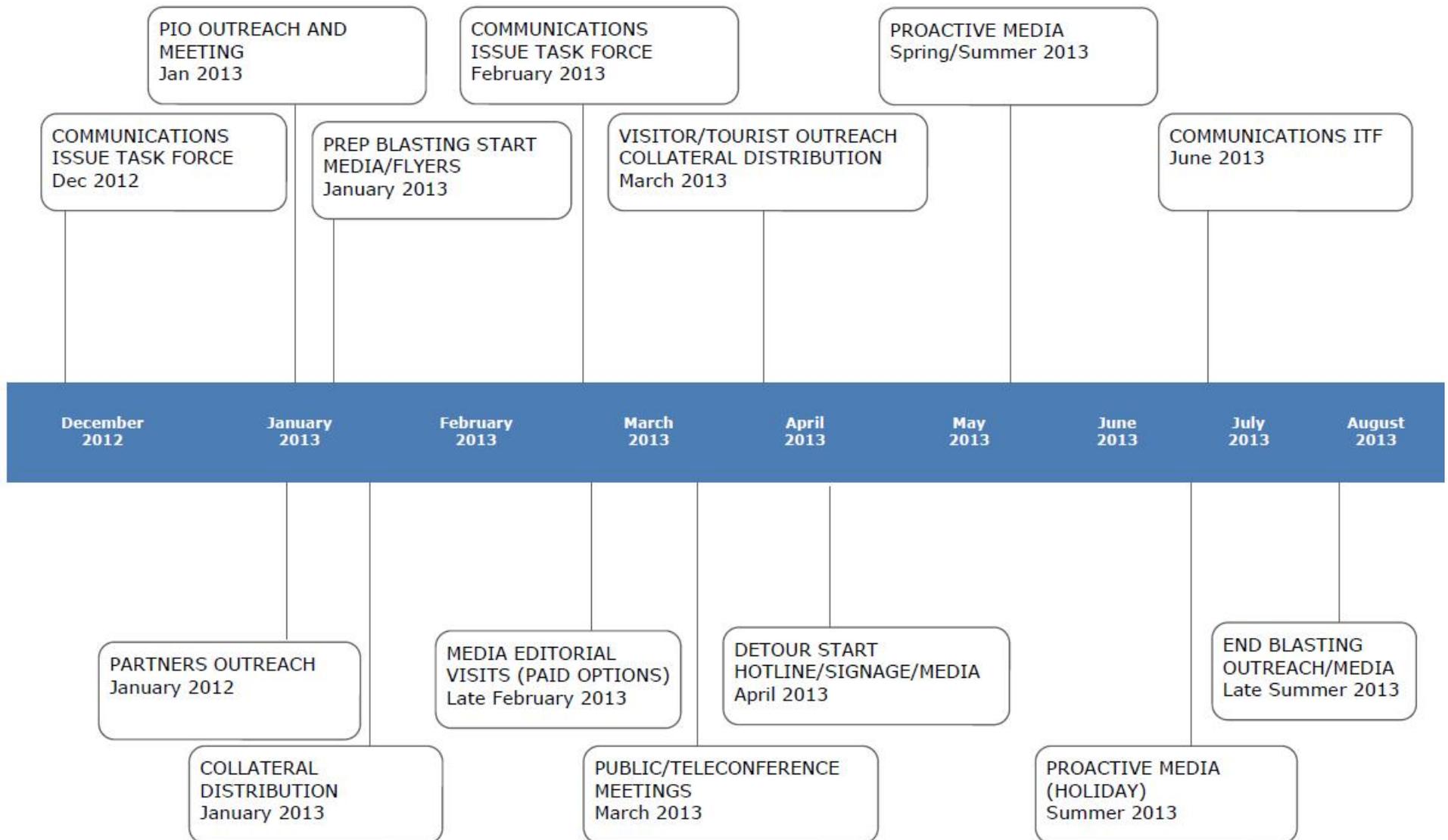
Public Information

- Re-introduce Joy Wasendorf
- Weekly Traffic Alerts and updates as needed
 - Weekly scheduled issued every Friday
 - Verified and updated daily
 - Message boards change 2 hours prior, 15 minutes prior, and an all clear message
- Monthly newsletters, Telephone Town Hall Meeting
- KYGT programming



I-70 TWIN TUNNELS eastbound

COMMUNICATIONS MILESTONES DECEMBER 2012 – AUGUST 2013



Rafting Update

- Presented rafting “protection protocol” at conference in Grand Junction Feb. 5 and at Clear Creek County operators meeting March 13
- Stopping/pulling rafts for all portal blasting
- Posting signs at put-ins

IT'S ABOUT: **TIMING YOUR TRIP.**

**BE SAFE WHILE
YOU ENJOY CLEAR CREEK**

BLASTING DOWNSTREAM AT TWIN TUNNELS

CALL 303.327.4034 FOR BLASTING TIMES

PROCEED TO SAFE AREA WHEN DIRECTED



Next Steps

- Recap Action Items from Today's Discussion
- Upcoming project meetings
 - » Ongoing trailhead partnership meetings
 - » Rafting operator outreach early May with portal blast update
 - » TT will meet as needed in 2013 – May 23, July 25, Sept. 26
 - » Package 3 FIR – May 29, 2013



END OF PRESENTATION

