

Twin Tunnels Design/Construction Technical Team Meeting #14

**May 23, 2013
9:00AM – 12:00PM**

**Elks Lodge
Idaho Springs, Colorado**



Agenda

1. Introductions
2. Agenda Review
3. Other Corridor Updates
4. Construction update
 - » Blasting progress
 - » Rafting protection
 - » Input on stream improvements
5. Trailhead and Portal area aesthetics update
 - » 30% design grading plan
 - » Trailhead update
 - » In-stream enhancements
5. Update on Status of CSS document and survey
6. Next Steps

Step 1
Define Desired Outcomes
and Actions

Step 2
Endorse the Process

Step 3
Establish Criteria

Step 4
Develop Alternatives and Options

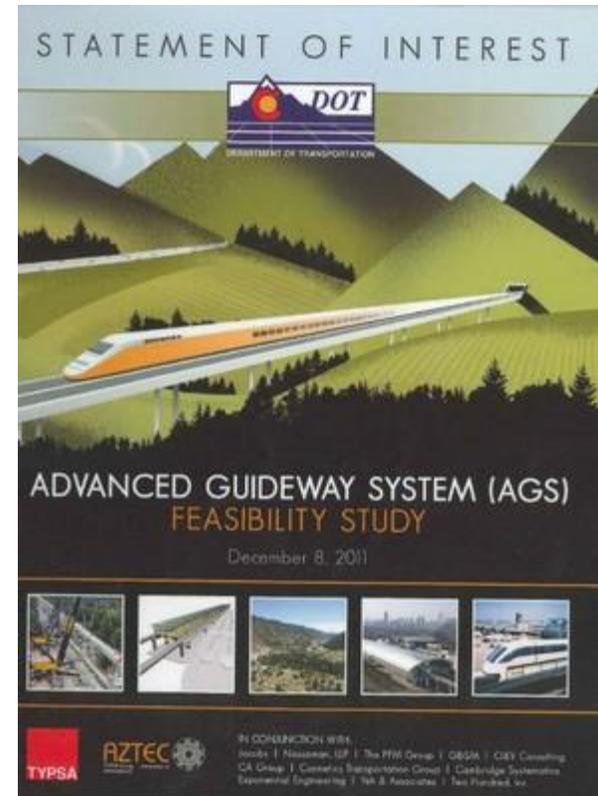
Step 5
Evaluate, Select, and Refine
Alternatives and Options

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
- 106 PA meeting recap



Core Values

- **Safety**
- **Mobility**
- **Gateway**
- **Wildlife**
- **The Creek**
- **Destination**
- **History**
- **Constructability**
- **Inclusivity**
- **Schedule**
- **Schedule**



Twin Tunnels Schedule

Package 1A and 1B

- Under Construction

Package 2 (Tunnel construction)

- Under Construction
- Detour began April 1, 2013
- Blasting began 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



Construction Update

- No work this Saturday, Sunday and Monday
- Portal protection canopies
- Work continues on eastbound I-70 bridge over Clear Creek
- Retaining walls throughout project corridor
- Overhead sign bridges installed in June
- Chain station finished this summer



Construction Update



Construction Update



Construction Update



Construction Update



Construction Update



Construction Update



Construction Update



Construction Update



Construction Update - Blasting



Construction Update - Blasting



Construction Update - Blasting



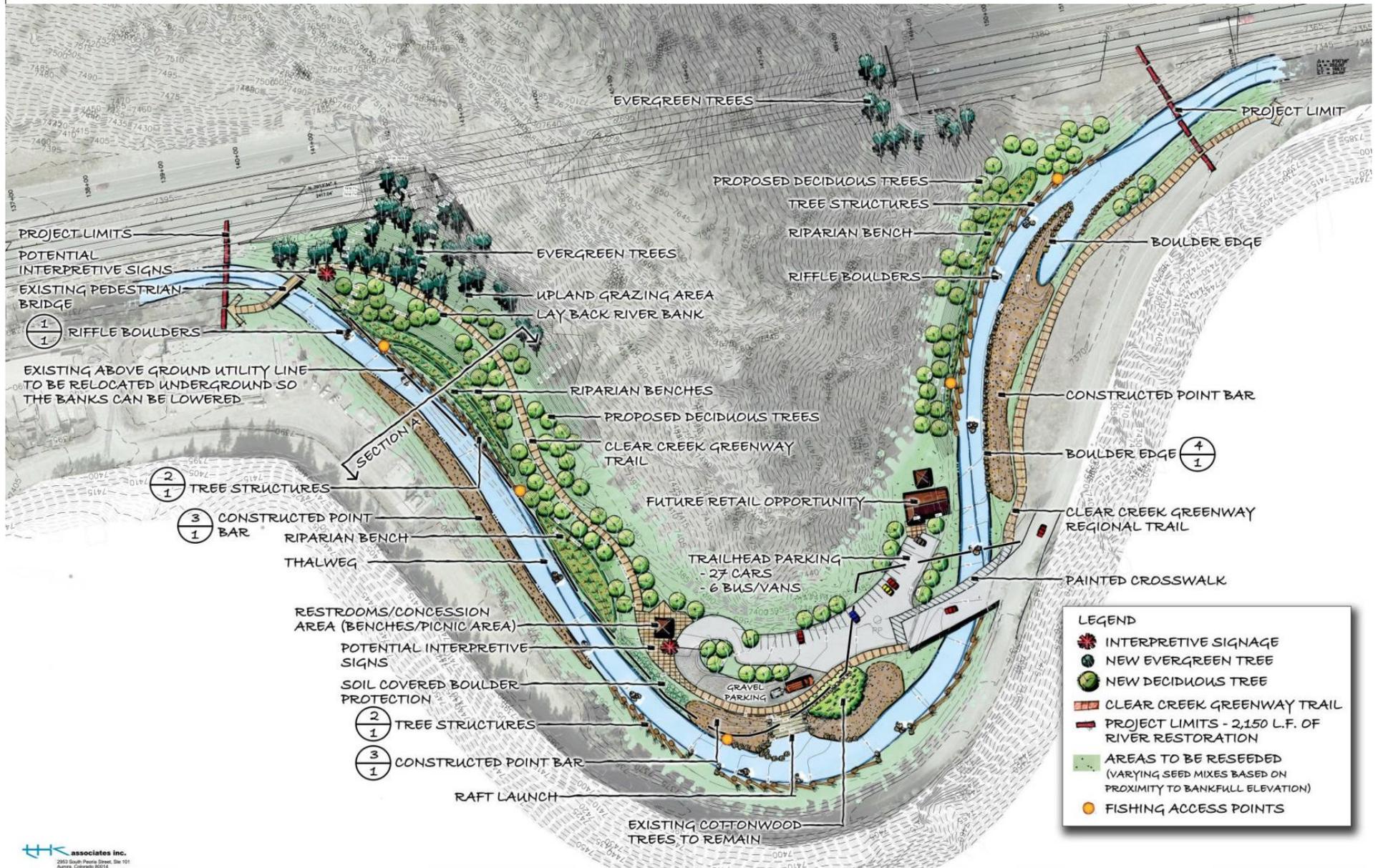
Construction Update - Blasting



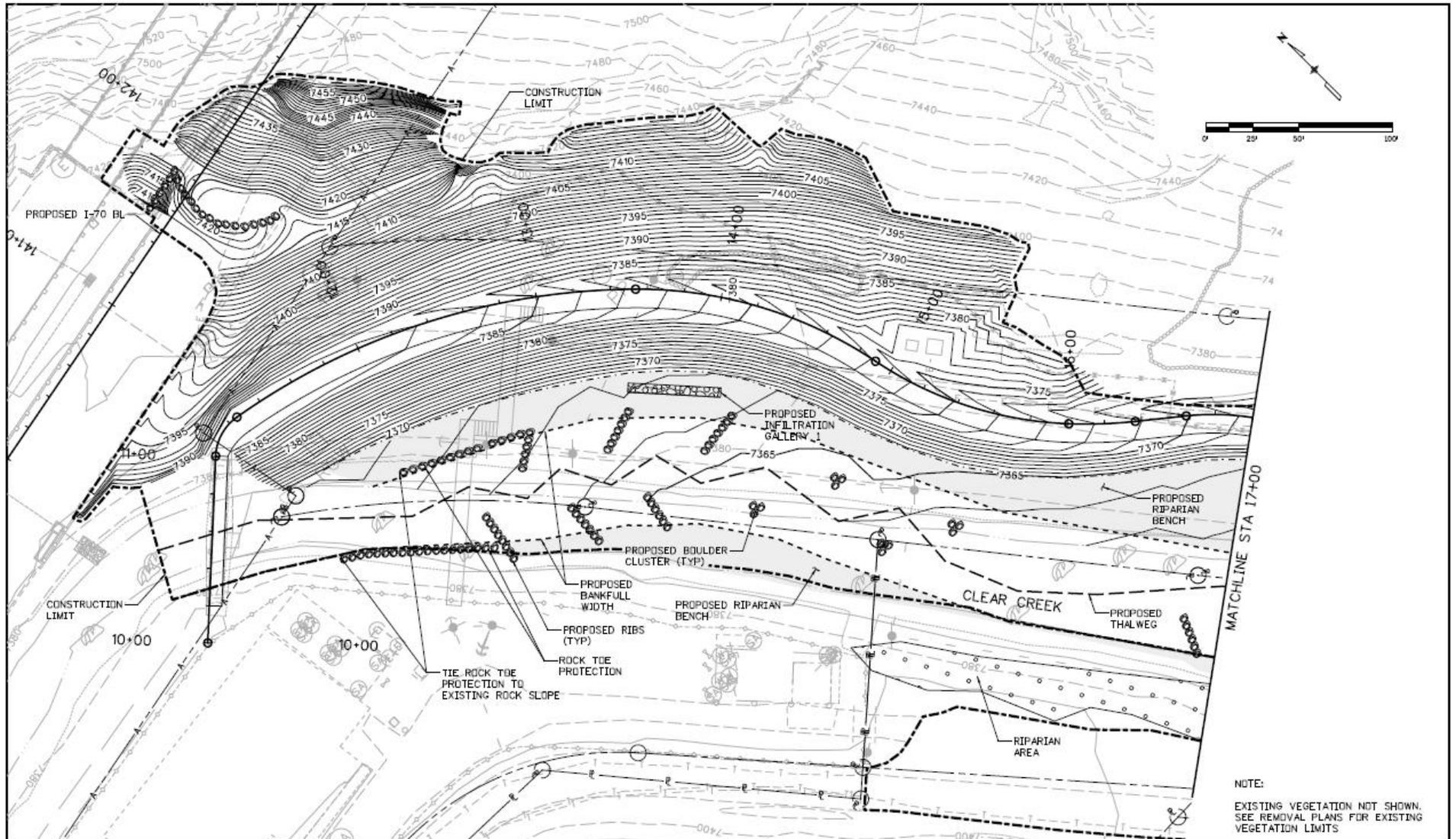
Construction Update - Blasting



Trailhead: Concept Plan



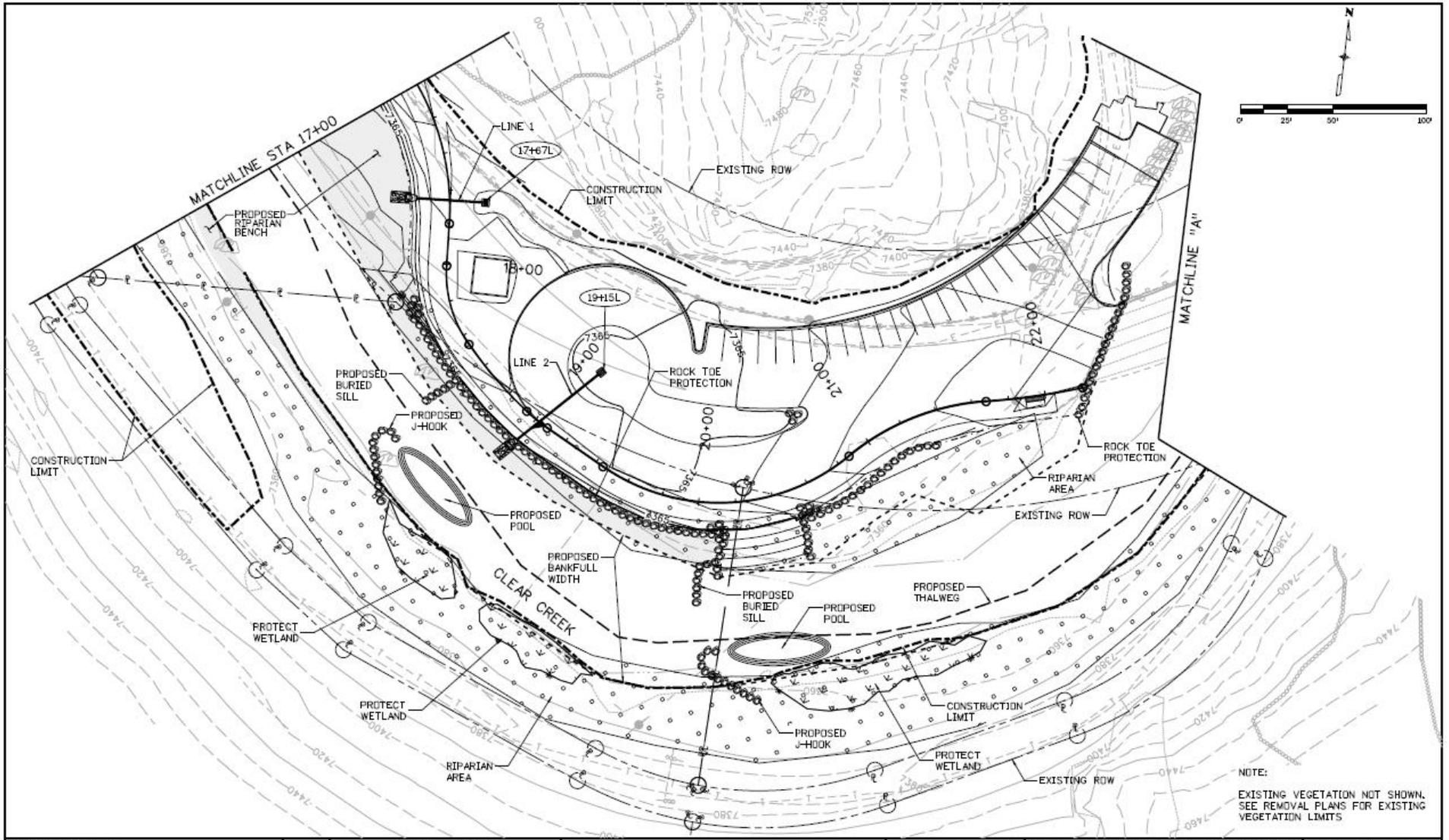
Trailhead Area Design



NOTE:
EXISTING VEGETATION NOT SHOWN.
SEE REMOVAL PLANS FOR EXISTING
VEGETATION LIMITS

Print Date: 5/14/2013	Sheet Revisions	Colorado Department of Transportation	As Constructed	SHARED USE TRAIL & GAME CHECK GRADING AND DRAINAGE PLAN	Project No./Code
File Name: 18832HYTR_CP3_GameCkPlan001.dgn	Date: Comments Init.				

Trailhead Area Design



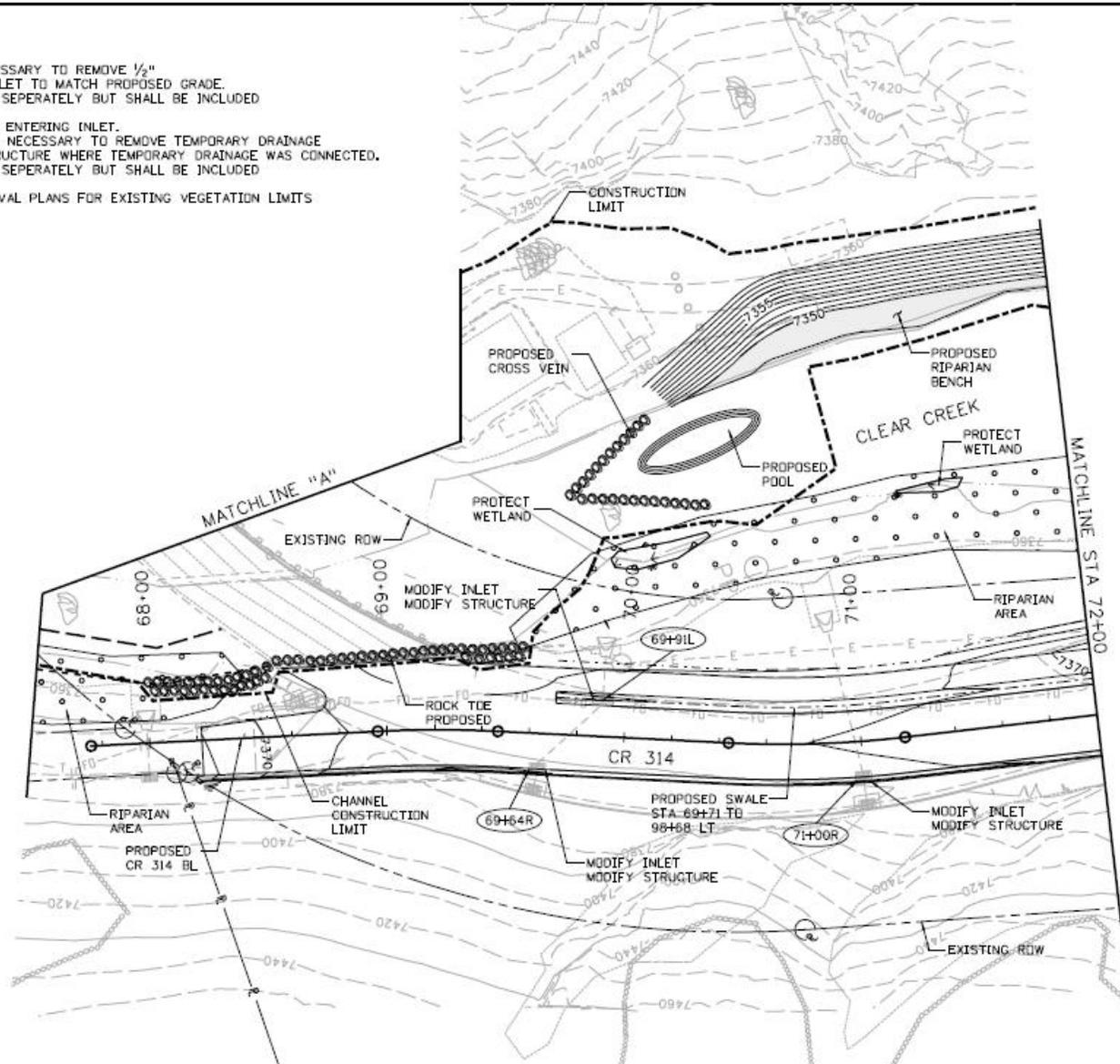
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Print Date: 5/14/2013	Sheet Revisions			Colorado Department of Transportation	As Constructed	SHARED USE TRAIL & GAME CHECK GRADING AND DRAINAGE PLAN STA 17+00 TO 22+20.66	Project No./Code
File Name: I8832HYDR_CP3_GameCHPlan002.dgn	Date:	Comments:	Init.	 425 A Corporate Circle Golden, CO 80401	No Revisions:	Designer: A. Finseth Structure	IM 0703-392
Horiz. Scale: 1:50					Revised:		10017

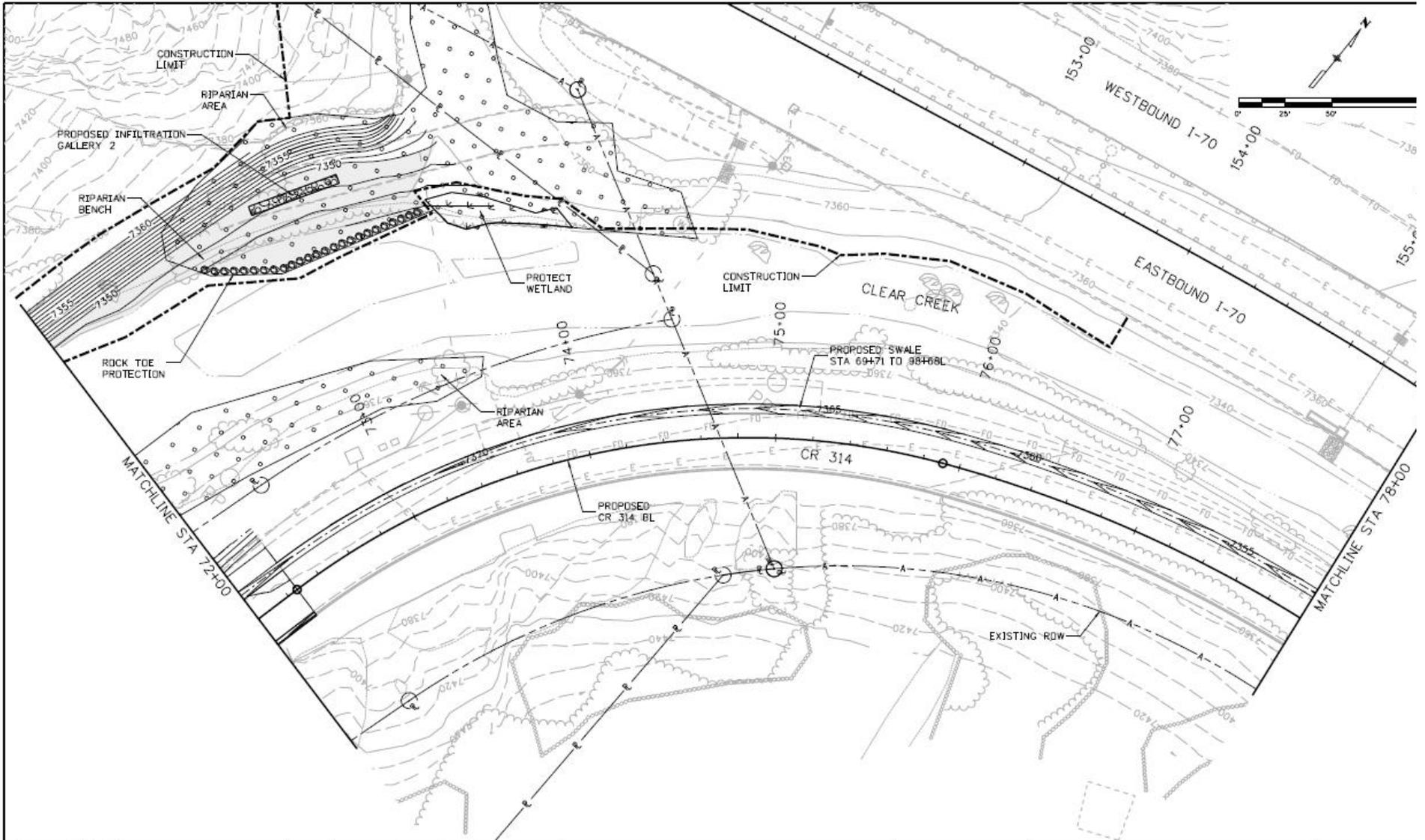
Trailhead Area Design

NOTES:

1. MODIFY INLET SHALL CONSIST OF WORK NECESSARY TO REMOVE 1/2" STRUCTURAL STEEL PLATE OVER EXISTING INLET TO MATCH PROPOSED GRADE. ALL WORK REQUIRED WILL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN ITEM 210-04020 MODIFY INLET.
CONTRACTOR SHALL PREVENT MATERIAL FROM ENTERING INLET.
2. MODIFY STRUCTURE SHALL CONSIST OF WORK NECESSARY TO REMOVE TEMPORARY DRAINAGE STRUCTURE(S) AND REPAIR THE EXISTING STRUCTURE WHERE TEMPORARY DRAINAGE WAS CONNECTED. ALL WORK REQUIRED WILL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN ITEM 210-04025 MODIFY STRUCTURE.
3. EXISTING VEGETATION NOT SHOWN. SEE REMOVAL PLANS FOR EXISTING VEGETATION LIMITS



Trailhead Area Design



CSS Documentation

- Draft CSS Decision Tracking document provided for TT review
 - » Incorporated many minor suggestions
 - » Clarified construction and permanent improvements
 - » Added aesthetic guidance compliance (handout)
- Opportunities for Step 6 – Evaluation
 - » Design evaluation in 2013
 - » Construction evaluation in 2014
 - » Each process will include a brief survey, followed by a workshop as part of a TT meeting



Recap of Rafting Call May 16

- Portal blasting would be complete by the middle of next week so no more raft stops required over the Memorial Day Weekend – or for the rest of the summer.
- Signs to alert users of Clear Creek what to expect and how to get additional information have been posted at put-in locations
- Call participants agreed that they would like an email with basic information about the trailhead and in-stream improvements which we agreed to provide. If necessary, CDOT will convene to group to review their input.

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

I-70 Mountain Corridor

I-70 TWIN TUNNELS
eastbound



Twin Tunnels Design/Construction
Idaho Springs/Clear Creek County



Next Steps

- Recap Action Items from Today's Discussion
- Upcoming project meetings
 - » Ongoing trailhead partnership meetings
 - » Package 3 FIR – May 29, 2013
 - » TT will meet as needed in 2013 – July 25, Sept. 26



END OF PRESENTATION



Aesthetics review of portals

