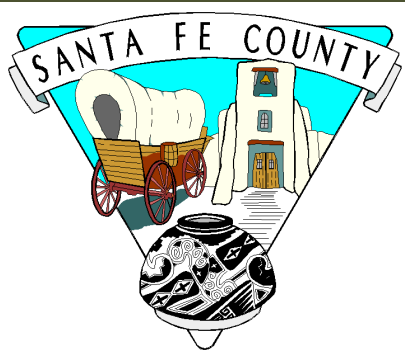




L O R I S

“A trusted community partner creating socially and environmentally conscious structure and infrastructure.”



PUBLIC MEETING
OCTOBER 28, 2010



Project Purpose



- Meet Minimum Railroad Clearance Requirements
- Improve Sustainability / Condition of Trail





Project Approach



- Relocate Trail Outside Railroad Clear-Zone
- Realign Portions of the Trail According to Sustainable Trail Design Principles
- Add Appropriate Drainage and Erosion Control Treatments
- Restore / Re-Vegetate Degraded Areas
- Add Fencing Where Appropriate



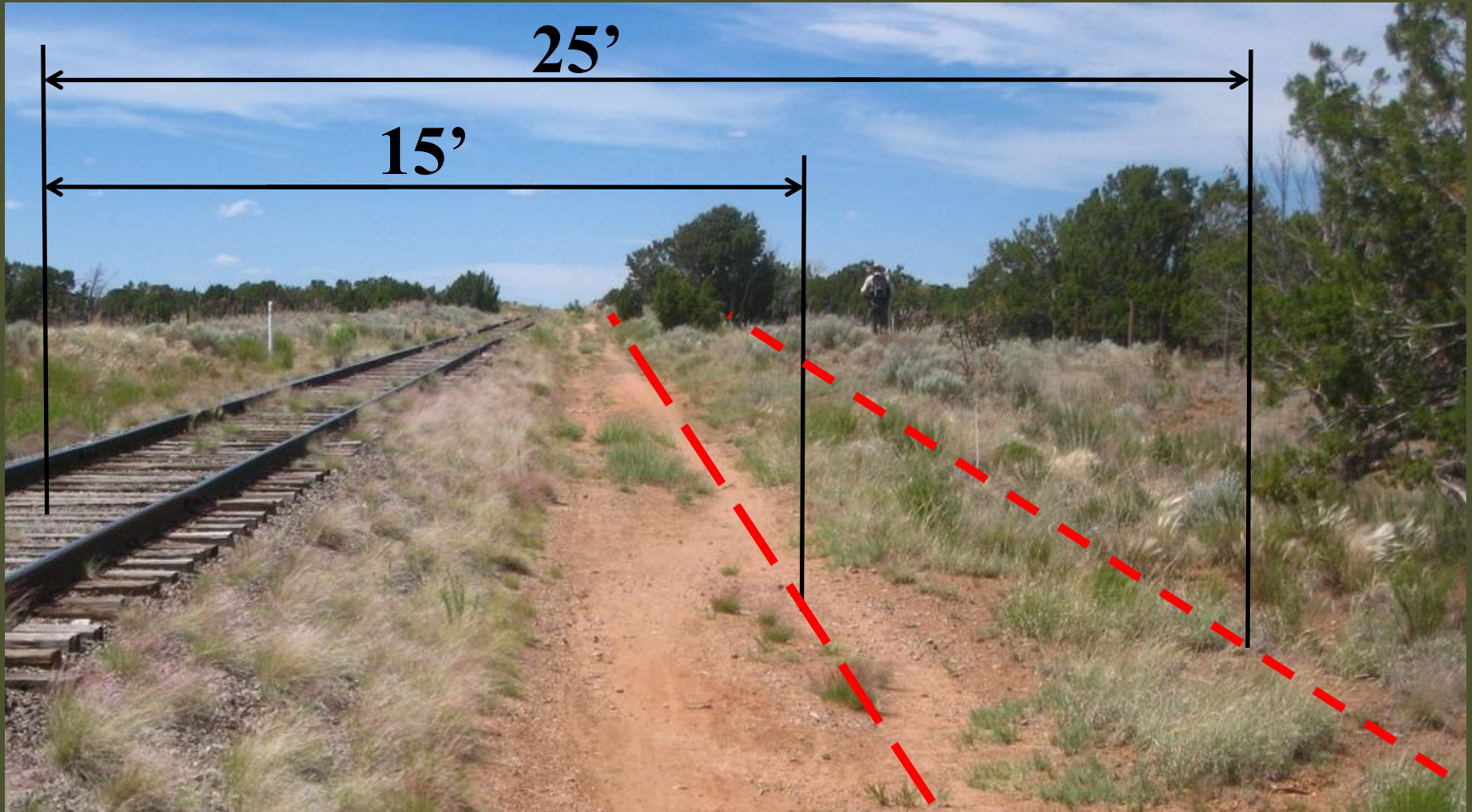
Expected Results



- Continued Public Access
- Increased Safety
- Increased Accessibility and Appeal to a Wider Range of Users
- Reduced Environmental Impact
- Improved Visitor Experience

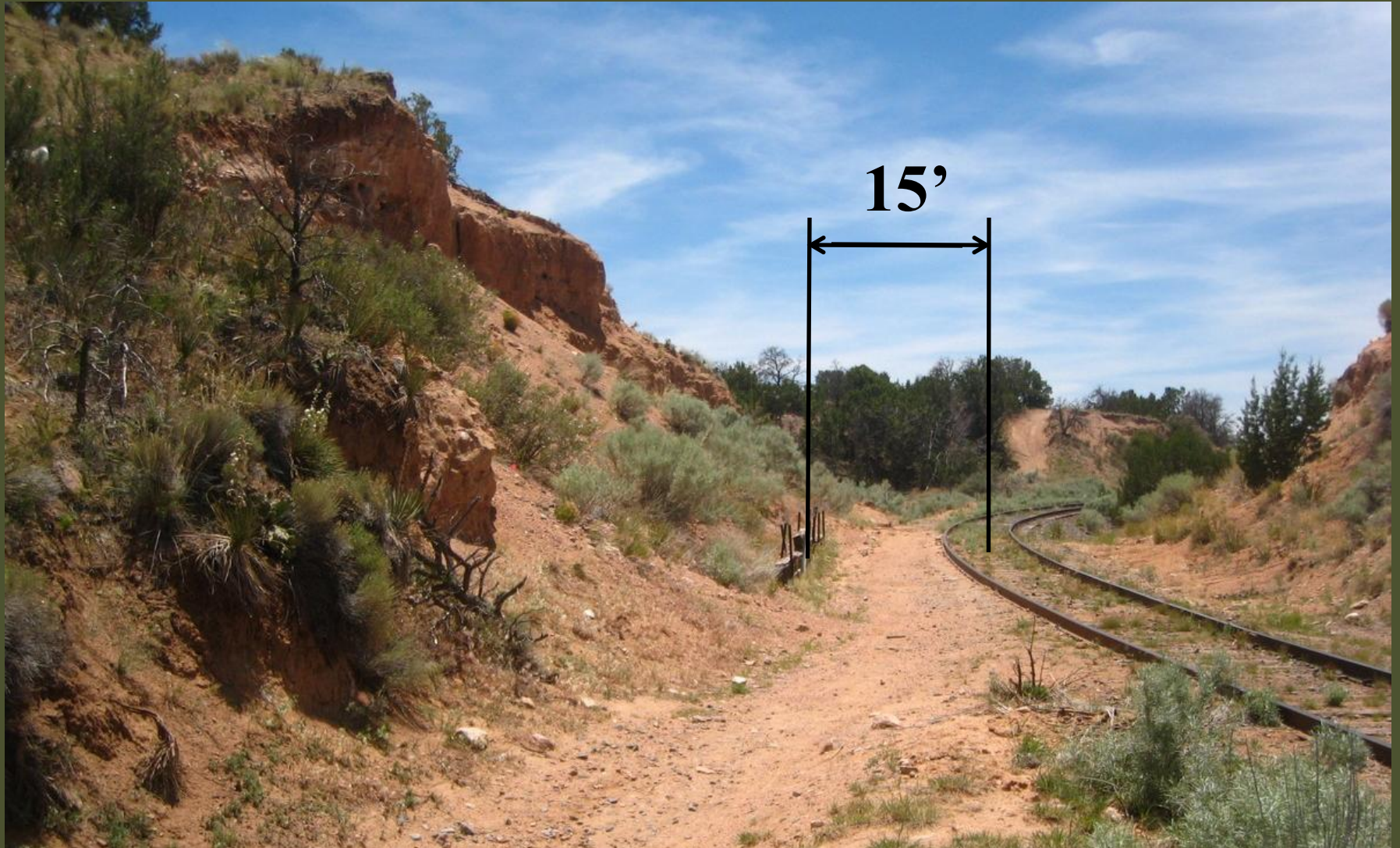


Railroad Setback





Railroad Setback





Sustainable Trail Design





Existing Conditions



Steep Slopes



- Erosion
- Loose Surface Material
- Multiple Trails



Existing Conditions



Moderate Slopes



- Erosion
- Deep Rutting
- Multiple Trails



Existing Conditions



No Slope



- Ponding
- Muddy
- Multiple Trails



Existing Conditions



**Good Sections Will Remain As-Is
with Minor Improvements**



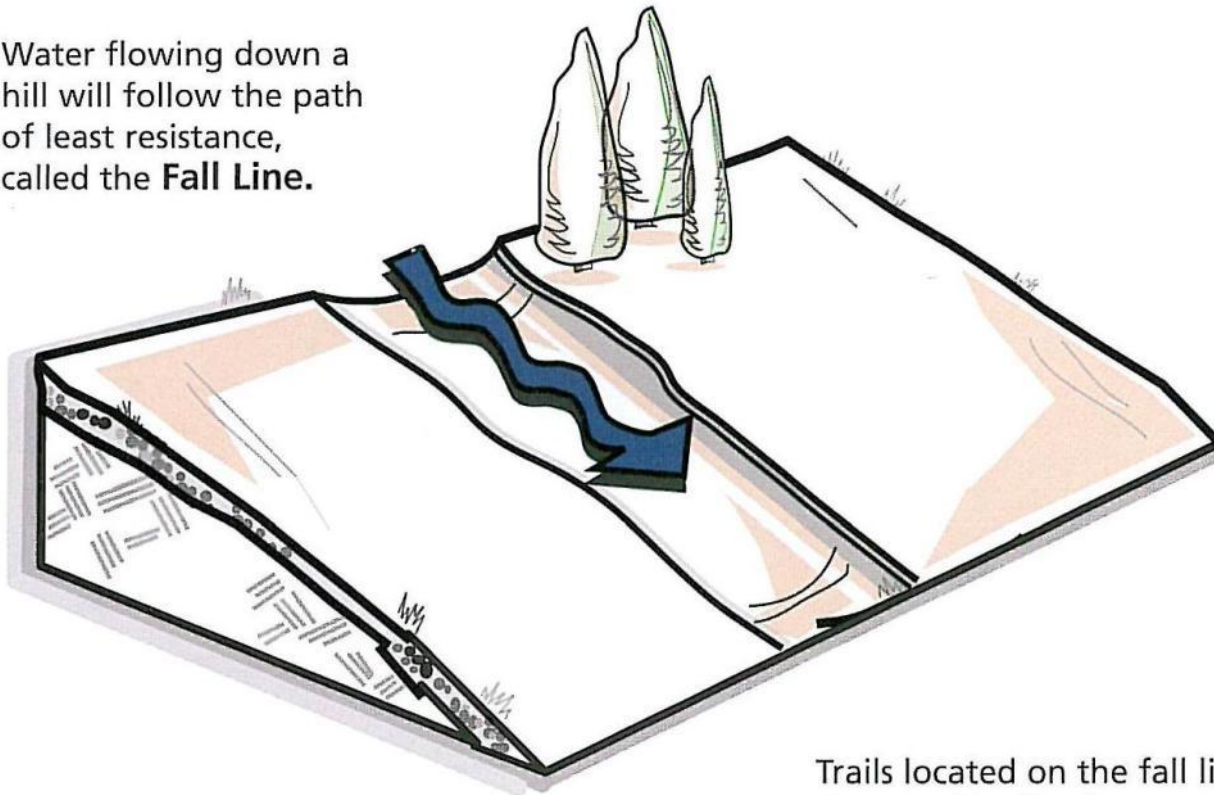


Sustainable Trail Design



Fall-Line Trail

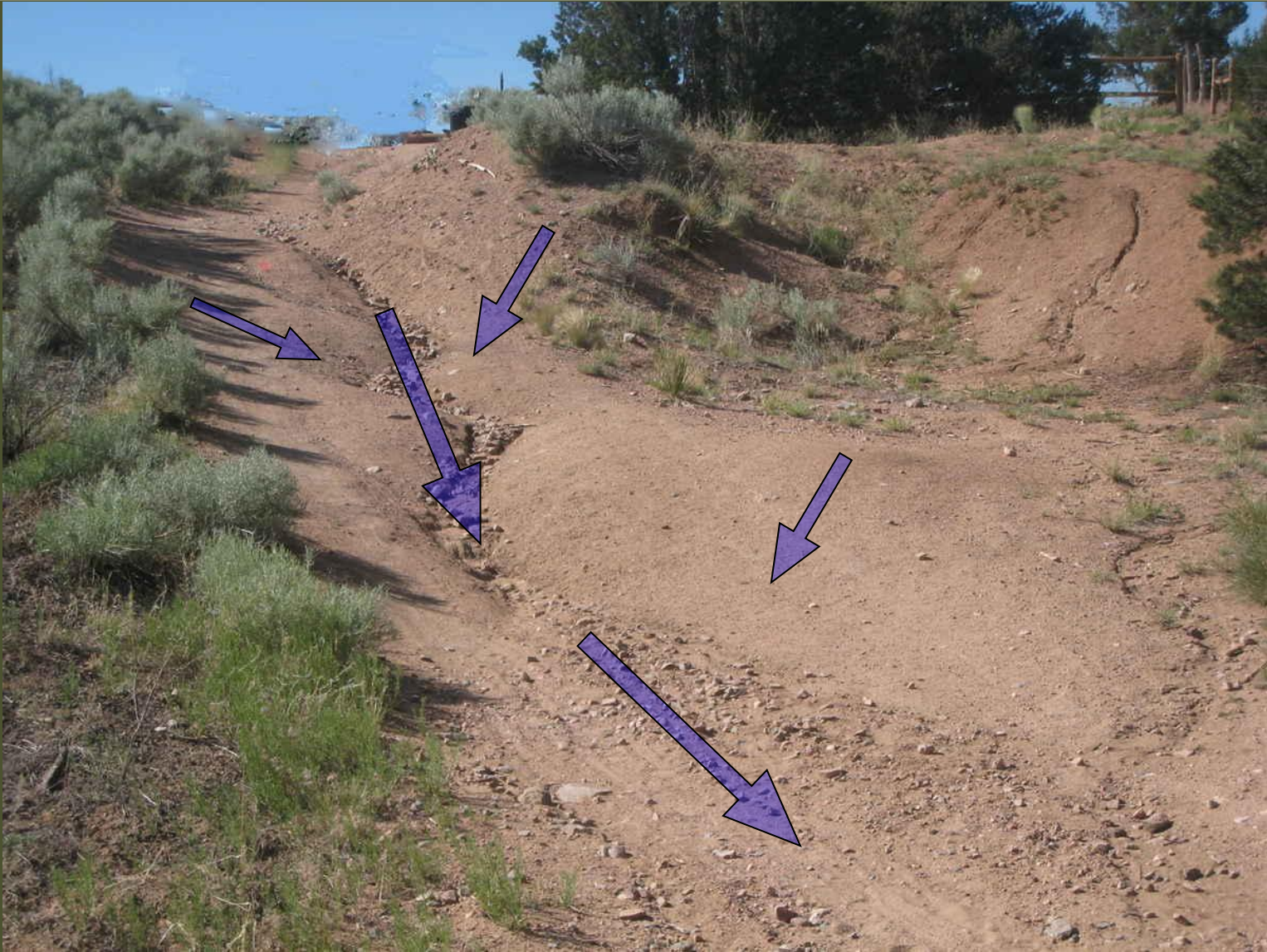
Water flowing down a hill will follow the path of least resistance, called the **Fall Line**.



Trails located on the fall line will be damaged by flowing water.



Sustainable Trail Design

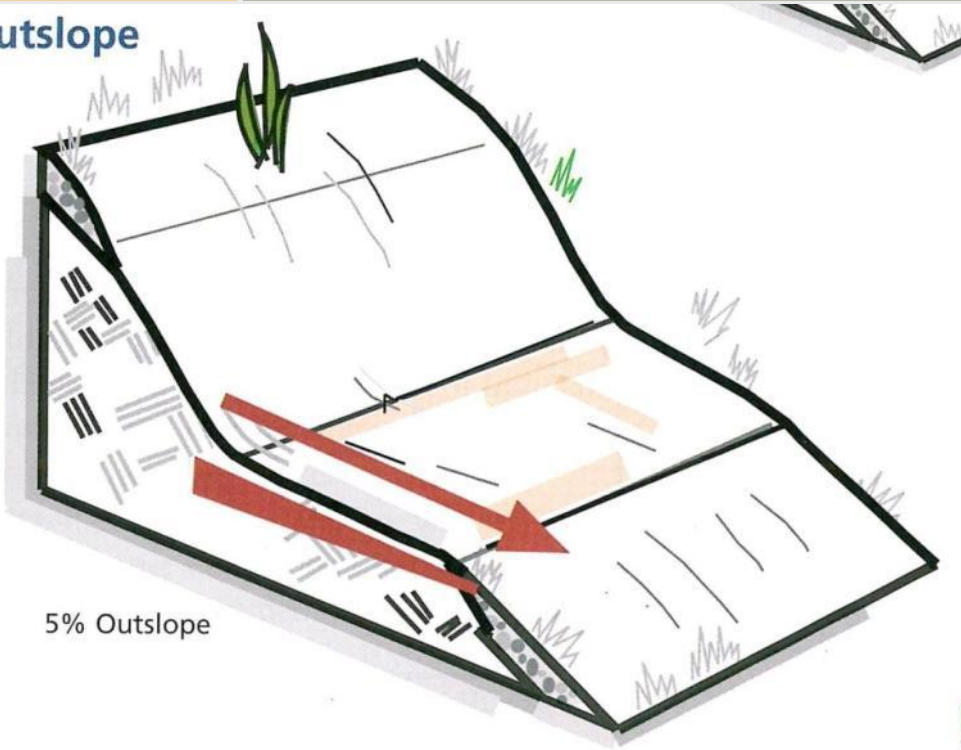




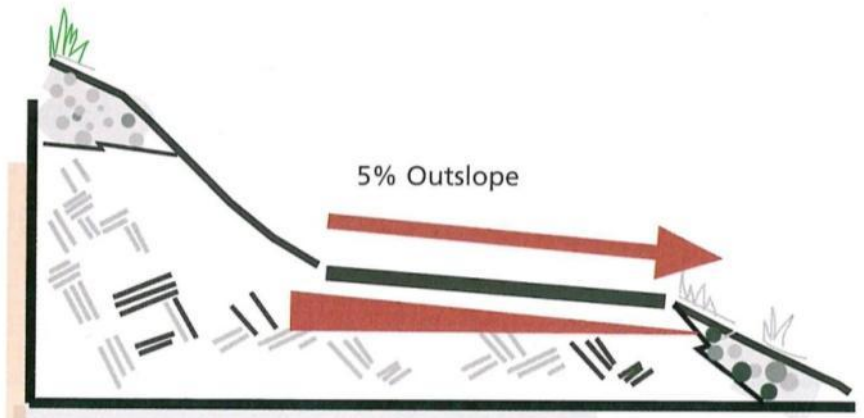
Sustainable Trail Design



Outslope



5% Outslope



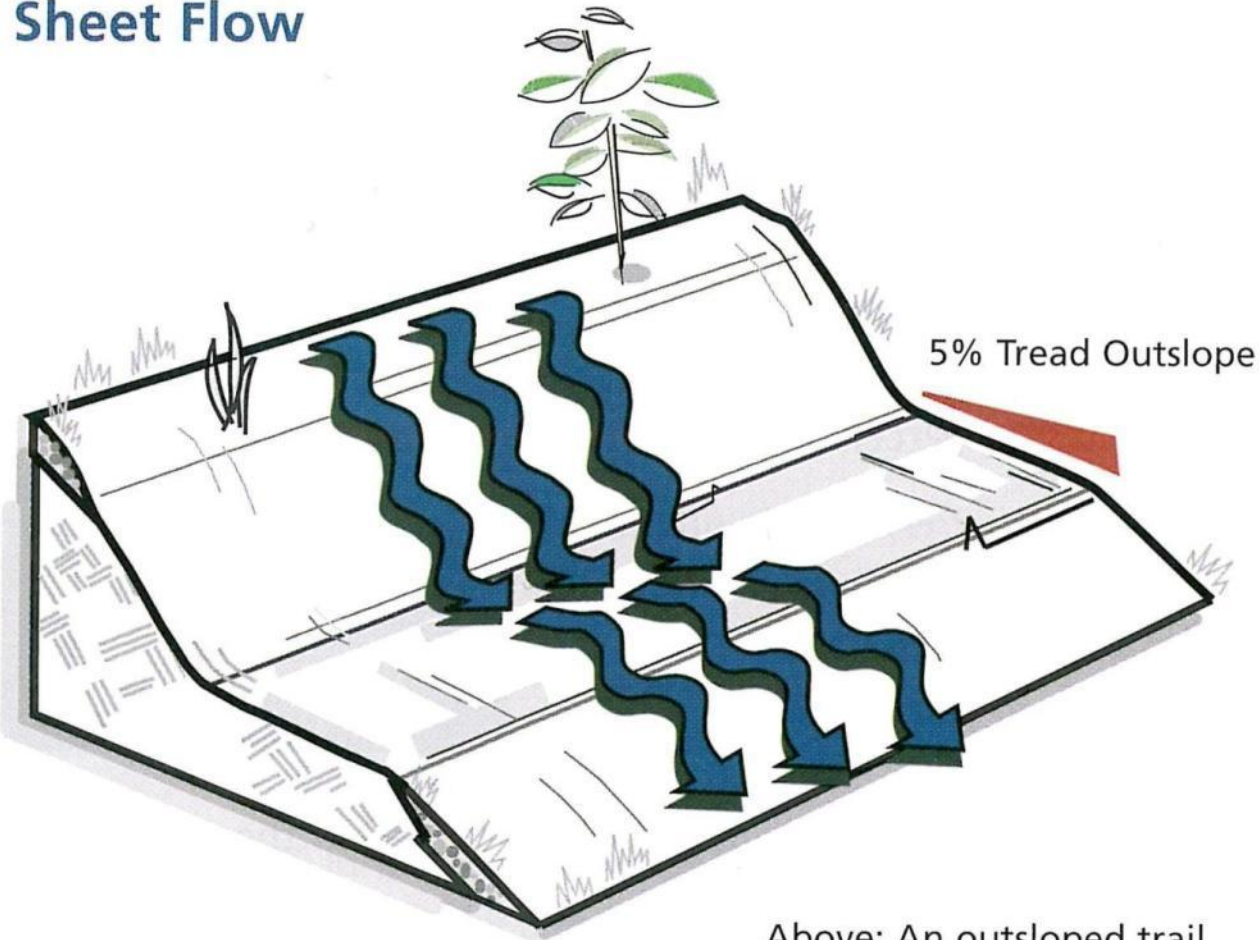
5% Outslope



Sustainable Trail Design



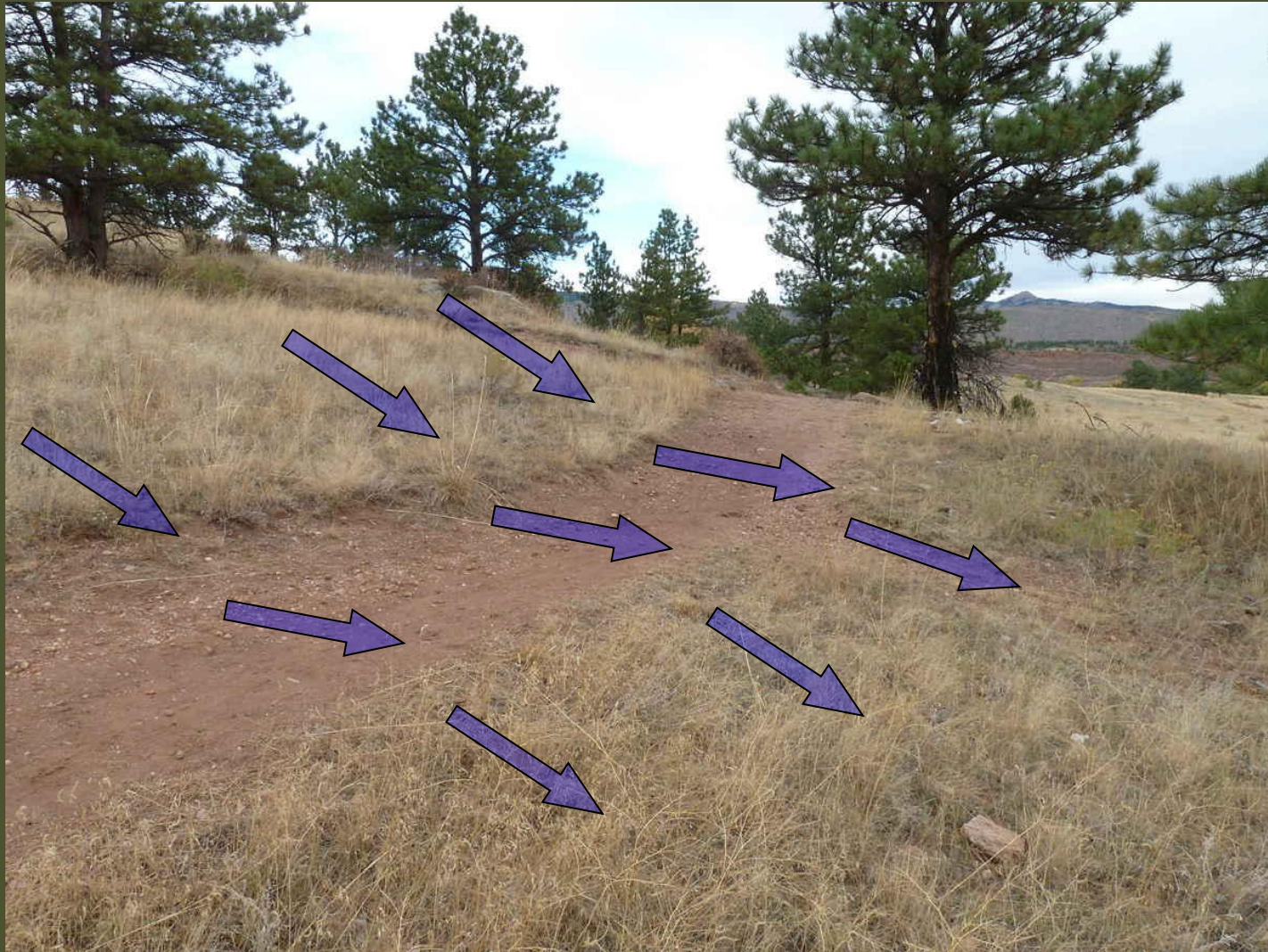
Sheet Flow



Above: An outsloped trail tread allows water to drain in a gentle, non-erosive manner called "sheet flow."



Sustainable Trail Design

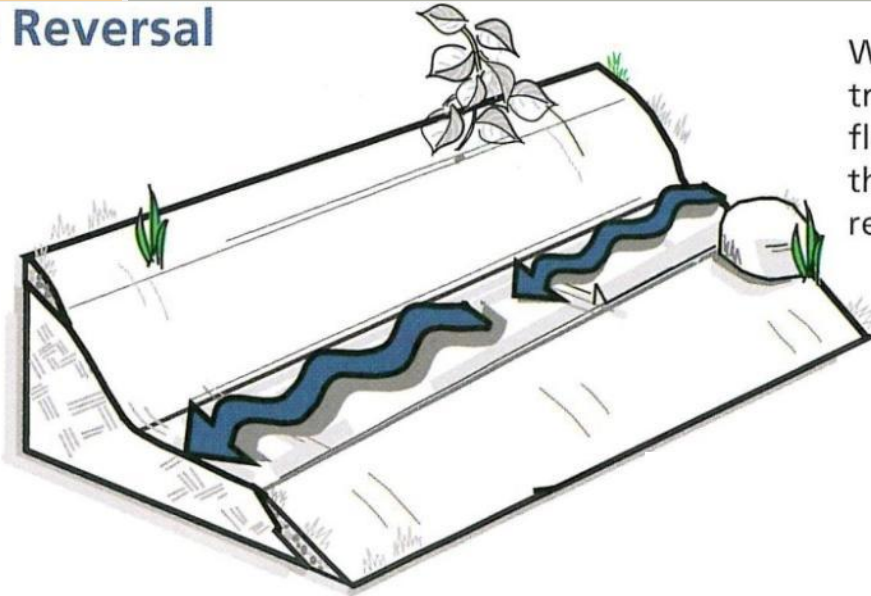




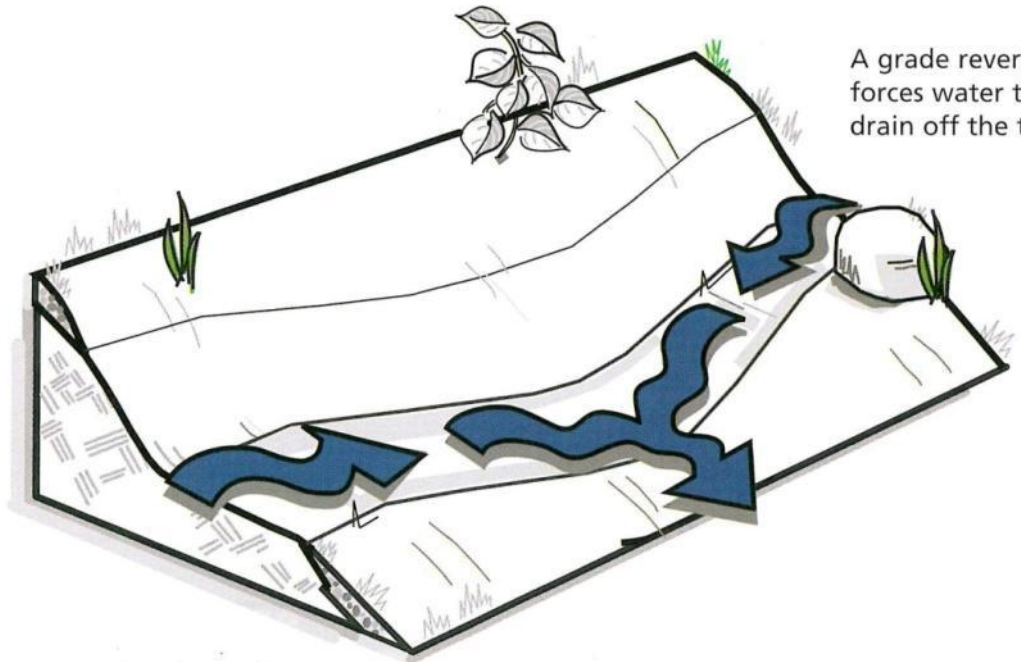
Sustainable Trail Design



Grade Reversal



Water may become trapped on trail and flow long distances if there are no grade reversals.



A grade reversal forces water to drain off the trail.



Sustainable Trail Design



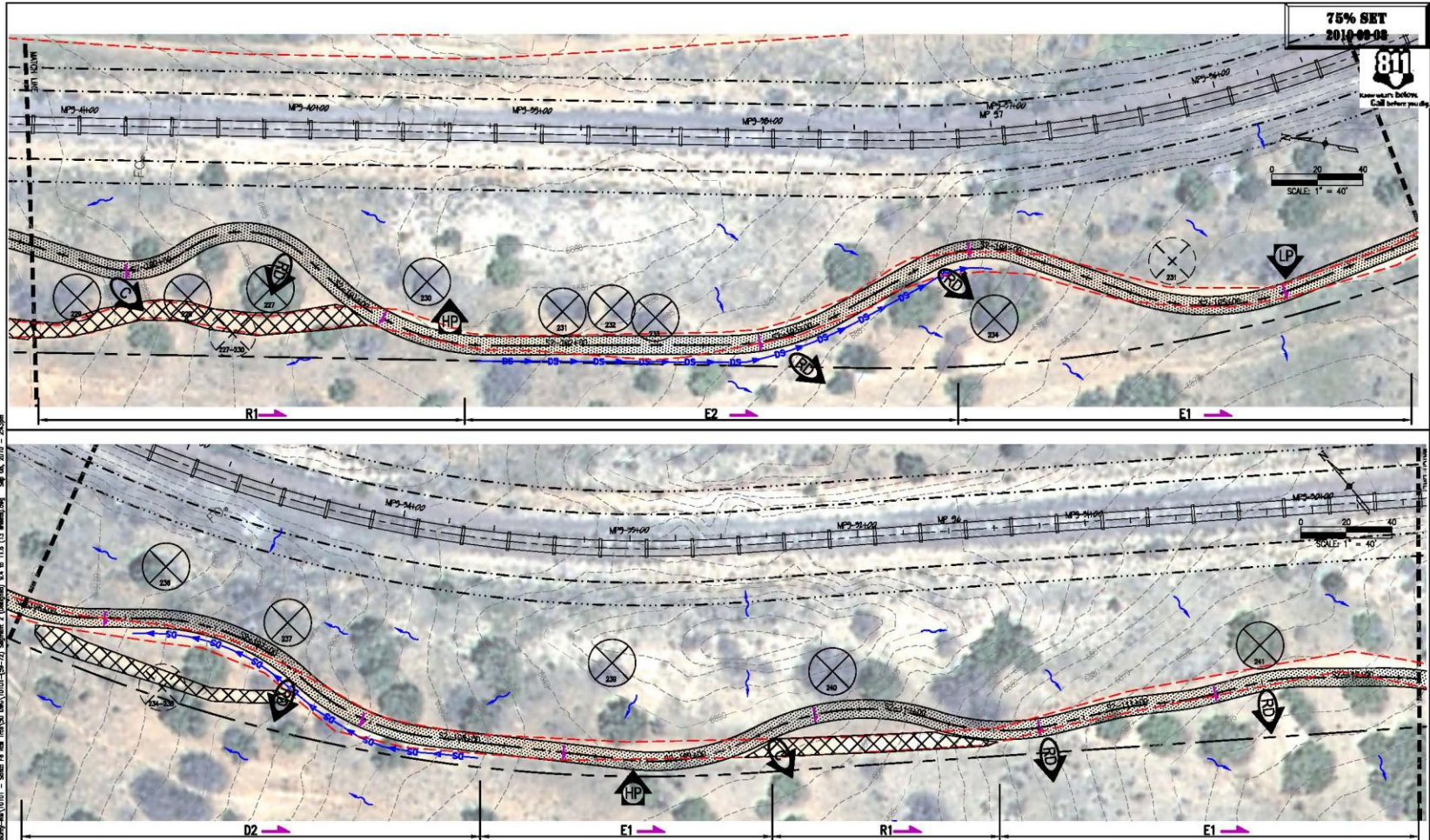


Sustainable Trail Design





Proposed Improvements



75% SRT
2010-08-08

811
Call before you dig

SCALE: 1" = 40'

SCALE: 1" = 40'

C:\22 (Build) 325 - Santa Fe County\344\10101 - Santa Fe Rail Trail\325 (Build)\325-10101-08-08.dwg - Sheet 2 (of 2) - 24.5m
 Sep 08, 2010 - 2:53pm

COMPUTER FILE INFORMATION	
Creation Date: 1/25/10	Initials: BAO
Last Modification Date: 08/09/10	Initials: BAO
Full Path:	
Drawing File Name:	
AutoCAD Ver: 2009	Scale: AS NOTED
Units: ENGLISH	

SHEET REVISIONS	

Loris and Associates, Inc.
 8888 Trailridge Drive East
 Littleton, Colorado 80120
 303.444.2079
 www.LorisandAssociates.com



SEGMENT 2
 SPUR TRAIL TO 9 MILE TH
 MP 9.4 to 11.6

SANTA FE RAIL TRAIL
 PLAN
 STA. S2-99+40 TO S2-112+20
 ISSUED BY: LORIS AND ASSOCIATES, INC.
 Project No. 325-10101 Revised:
 Sheet Subst: 11 Subst Sheets: 13 Sheet Number:

Project No./Code
 SANTA FE RAIL TRAIL
 325-10101



Implementation

