Date: 05/08/2018  
By: Prashant KC  
Location: South St. Vrain, West of Lyons, CO  

Work in Progress/Completed  
1. Verification of As-built data to confirm no adverse impact on stream and water surface elevation.  
2. Completed compacted soil lifts at washout location for re-surfacing and verification through field density tests to ensure compaction efforts.  
3. Completed preparation of soil subgrade with anchor point for 9 inch riprap and soil riprap installation.  
4. Completed placement of onsite boulder clusters for habitat values.  
5. Completed fine grading of creek design profile, low flow channel and alignment.  
6. Construction of slope breaks, bank line at washout location between main channel St 123+85 to 126+00 in progress.  
7. Batching soil riprap mix for bank stabilization between main channel St 123+85 to 126+00.  
8. Subgrade grading of road alignment in progress.  
9. Hauling excess excavated material to Lyons Quarry and fill/compact to specification.
Hall Ranch II Access Road Repair and Hazard Mitigation
Weekly Construction updates

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Upcoming Work
1. Complete installation of 9-inch riprap and soil-filled riprap above boulder toe per plans.
2. Complete willow staking on inside bend.
3. Complete and verify As-built of creek profile, cross section, key points, floodplain grading and tie-ins with proposed design.
4. Complete Aggregate base course road re-surfacing between St 1+25 to 22+75
5. Installation of elliptical culverts at new Low water crossing.
6. Form and pour new concrete Low water crossing.
7. Top soil placement and revegetation at banks, floodplain, ditch, and disturbed areas.
8. Continue monitoring permanent wetland impacts.
9. Complete material disposal and spread in Lyons Quarry.
10. Restore all access roads and staging areas.

Batching Soil riprap mix (65-35) for bank stabilization.
Looking downstream: Completing construction of low flow channel and hauling excess material for processing.