



Hall Ranch II Access Road Repair and Hazard Mitigation Weekly Construction updates

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.



Looking Downstream: subgrade preparation for bankline construction.



Looking Upstream: Installation of 9 inch rip rap behind boulder toe and above separation geotextile.



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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.



Looking downstream: Completing construction of low flow channel and hauling excess material for processing.



Batching Soil riprap mix (65-35) for bank stabilization.