

SVR3 EWP Stream Restoration

Project Weekly Construction Notes: 3/26 to 3/30/2018



Date: 4/2/2018

By: Sharla Lovern – Boulder County

EA – General Design Engineering Firm, ERC – Stream Design Engineering Firm, ecos – Vegetation Design Firm, ACC Mountain West -- Contractor

Location: St. Vrain Reach 3 – multiple work sites

Project Sponsor: Boulder County

Work in Progress/Completed:

1. Breach 1 work site spreading of topsoil, final grading to create planting bench, QA elevation check on planting bench;
2. Station 63+00 downstream to Breach 7: seeding/mulching for upper and lower riparian; Punchlist item implementation; erosion control blanket installation at planting benches for bank stabilization locations; rough grading on SW section of Breach 7;
3. ACC subcontractor CDI testing of means and methods to plant willow poles; soaking of willows that were harvested previous week;
4. Breach 6 Repair: embankment grading, riprap installation, modified Type C bank stabilization installation, rough grading of in-stream channel prior to flipping water into the newly constructed channel next to Breach 6.
5. Breach 2 Repair: installation of clay core, continuation of embankment/riprap/in-stream work.



3-26-18: Moving wood and riprap to Breach 6 for installation.



3-26-18: in-stream rough grading for bank stabilization installation.



3-30-18: Flipping water into the channel graded next to the Breach 6 location.



3-30-18: Rough grading at SW corner of the Breach 7 location.



3-30-18: Soaking of willows harvested by CDI previous week.



3-30-18: Erosion control blanket installation at planting bench of Type C bank stabilization feature just downstream of Breach 6.



3-30-18: In-stream rough grading near Breach 6.



3-29-18: Upper riparian seeding and mulching upstream of Breach 6.



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3-29-18: Bank grading across from Modified type C bank stabilization feature near Breach 6.



3-30-18: In-stream rough grading near Breach 6.

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Upcoming Work:

1. Breach 1 planting bench corrections and installation, finish topsoil placement and start re-vegetation phase;
2. Breach 2 installation of riprap and embankment; in-stream work in three locations;
3. Breach 6 completion of embankment, continue in-stream final grading and planting bench for bank stabilization;
4. Breach 7 final grading, topsoil placement, tillage, seeding, and mulching;
5. In-stream work at Breach 2 and points east and at BNSF location.
6. Willow planting by vegetation subcontractor CDI; container plant shipment;
7. Continue development of punch lists for finished sections of work and ACC implementation of corrections;
8. Maintenance of access/erosion/pollution prevention measures.



3-30-18: Breach 2 clay core installation.



3-30-18: Staging of mulch along the river right section of stream downstream of 63rd street bridge.

3-30-18: Equipment review for willow planting.