SVR3 EWP Stream Restoration

Project Weekly Construction Notes: 4/23 to 4/27/2018

Date: 4/30/2018
By: Sharla Lovern – Boulder County
EA – General Design Engineering Firm, ERC – Stream Design Engineering Firm, ecos – Vegetation Design Firm, ACC Mountain West – Contractor, CDI – Vegetation Subcontractor
Location: St. Vrain Reach 3 – multiple work sites
Project Sponsor: Boulder County

Work in Progress/Completed:

1. Continued topsoil and compost/amendment application and tillage and seeding/mulching, particularly in Breach 7 area;
2. Installation of upper riparian and lower riparian container plants at 63rd Street moving downstream, initial installation of wetland plugs close to 63rd St. bridge.
3. Completion of stream work at BNSF and Breach 2 locations;
4. Willow planting at the Gage property, river left and areas downstream of 63rd;
5. Deliveries of additional topsoil and compost to Breach 2 and Hepp locations;
6. Breach 1 topsoil placement;

4-23-18: Removing large inorganic debris from the channel and adjacent floodway.

4-23-18: Punchlist walk-through of the stream channel work near the BNSF line downstream of Breach 1, Sta. 181+00.

4-25-18: Punchlist walk-through of the stream channel work near the BNSF line downstream of Breach 1, Sta. 178+00.

4-23-18: Punchlist walk-through of the stream channel work near the Martin Marietta property, Sta. 111+00.

4-25-18: Punchlist walk-through of the stream channel work near the Martin Marietta property, Sta. 112+50.

4-26-18: Post-snow/rain event, walk-through of the Breach 2 Repair borrow area to discuss final grading.

4-26-18: Drainage from the headcut southwest of the Breach 2 Repair into the borrow area, final grading discussion.

4-26-18: Discussion with CDI about quality control, container planting at Sta. 39+00.

4-26-18: ACC 4-person willow planting operation at Sta. 53+00.

4-27-18: Topsoil placement in Breach 1 Repair area, ready for seeding and mulching.

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<u>Upcoming Work:</u>

1. Breach 1 seeding/mulching/blanket installation;
2. Breach 2 topsoil/compost mixing and placement;
3. Vegetation installation completion and vegetation punch list for Gage and Breaches 8 & 9;
4. Topsoil placement at Vasquez (north side of stream near Breach 1), and BNSF
5. Complete Breach 6 south side of embankment: topsoil and seed/mulch;
6. Complete Breach 7 tillage, seeding, and mulching;
7. Willow planting by ACC and container planting by vegetation subcontractor CDI on Beck/Hepp;
8. Demobilization of equipment and restoration of staging areas, stream access locations, access routes, and completion of related pay items;
9. Installation and maintenance of access/post-construction erosion and sediment control/pollution prevention measures.