SVR3 EWP Stream Restoration
Project Weekly Construction Notes: 1/22 to 1/27/2018

Date: 1/30/2018
By: Obadiah Broughton – Boulder County Project Planner
EA – General Design Engineering Firm, ERC – Stream Design Engineering Firm,
ACC Mountain West – Contractor
Location: St. Vrain Reach 3 – multiple work sites
Project Sponsor: Boulder County

Work in Progress/Completed:
1. Hygiene Road bridge area – completed installation of Type H riprap on east side of creek across from Breaches 8 and 9, soil fill and topsoil over riprap in progress and about 75% complete;
2. Breach 1 clay core excavation: dewatering, clay processing, and clay placement started. Approximately 150 feet by 4 feet deep of the clay core was installed for a total of about 200 feet installed to date (280-ft total length);
3. Mixing topsoil with compost for placement: (1) riprap upstream of Hygiene Road and (2) stream banks of riffle/pool features downstream of Sta. 33+00;
4. Underway: finish grading of embankment on both the west and east sides of the Breach 7 embankment repair;
5. Punch-list development on Breach 7 embankment repair with EA, ACC and BCPOS;
6. Stream restoration work: continued installation of riffles, pools and boulder clusters; majority complete from Sta. 25+50 to Sta. 35+00.
7. Installation of Type C Bank Stabilization at Sta. 30+80 to Sta. 31+70 and Sta. 33+00 to Sta. 34+60;
8. Continued clearing and grubbing and stockpiling of cobble for stream restoration Sta. 36+00 to Sta. 57+50;
9. Stream channel rough grading and realignment Sta. 36+00 to Sta. 57+50;
10. Maintenance of access/erosion/pollution prevention measures.

1-26-18: Installed Type H riprap across from Breaches 8 and 9 showing topsoil in progress.
1-25-18: Boulders for boulder clusters prior to placement.
Upcoming Work:
1. Continue Breach 1 dewatering of clay core trench and clay installation;
2. Finish installing topsoil on installed Breaches 8/9 riprap on East streambank;
3. Stream flip from current channel (through Breach 6) back to pre-flood channel alignment;
4. Installation of Type D Bank Stabilization (root wads) Sta. 38+00 to Sta. 41+00;
5. Continued stream channel rough grading and realignment upstream from Sta. 44+00;
6. Continued material sorting for stream restoration features;
7. Preparation for Breach 6 excavation for clay core and embankment repair;
8. Topsoil and compost deliveries to Hepp site and preparation of soil for placement on Breach 7 embankment repair;
9. Work on completing Breach 7 punch-list and development of punch lists for finished work;
10. Maintenance of access/erosion/pollution prevention measures.

Notes:
1. ACC continues to work on Saturdays to expedite schedule.
2. No work on Monday 1/22/2018 due to snow event over the weekend.
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1-23-18: Cobble stockpiling for use in riffle, point bar and bank stabilization features.

1-24-18: Installing Type H riprap across from Breaches 8 and 9.

1-25-18: Boulder cluster installation at Sta. 24+50.

1-26-18: Installation of riffle/pool features Sta. 27+50.