SVR3 EWP Stream Restoration

Project Weekly Construction Notes: 11/13 to 11/17/2017

Date: 11/17/2017
By: Sharla Lovern – Boulder County Project Manager
EA – General Design Engineering Firm, ERC – Stream Design Engineering Firm
Location: St. Vrain Reach 3 – Hygiene Road Work Site
Project Sponsor: Boulder County

<u>Work in Progress/Completed:</u>

1. Continued mobilization of equipment and personnel;
2. Traffic signage installation on Hygiene Rd, 75th St. and 61st St and Swede Lake haul route;
3. Dewatering through Zweck and Turner ditch for work at Gage; clearing and grubbing at Gage stream restoration site and survey staking; moving flow in stream work areas to allow materials to be brought on-site and rough grading to begin;
4. ERC Field design changes at Gage to move streambank stabilization upstream 50-ft (no length change) and tie-in smoothly downstream;
5. EA/ERC Field design change of 7a embankment alignment to avoid deep water hole and shorten embankment, and over-excavate clay core area 1-ft to allow backfill with sand and improved clay compaction;
6. Continued excavation of new 7a clay core alignment;
7. Stockpiling/reusing old FEMA 7a berm materials for breach repairs and fill of eroded locations.

<u>Upcoming Work:</u>

1. Dewatering of clay core trench and conditioning of existing and imported Swede clay for use in clay core;
2. In-stream work and bank stabilization at Gage site;
3. Planning for Breach 6 repair and bank stabilization work between Hygiene Road and 61st St.;
4. Water rights acquisition to allow water use from stream for clay conditioning;
5. Continued traffic signage installation;
6. Installation of additional access/erosion/pollution prevention measures.

11-13-17: Pulling riprap off existing FEMA breach repair and stockpiling it for designed Breach 6 repair

11-14-17: Stockpiling clay pulled from existing FEMA breach repair and stockpiling for reuse in designed Breach 7a repair

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11-15-17: Hauling riprap to downstream end of Gage stream repair, north side of stream (pic looking East)

11-15-17: Continued excavation of Breach 7a repair trench for clay core

11-16-17: Continued use of FEMA 7a repair materials (top left corner of pic) to fill eroded NW corner of Hepp property (right side of pic)

11-17-17: Rough grading of bankfull bench at Gage stream repair, south side of stream (pic looking East)