Date: 8/24/2020
By: Sharla Benjamin – Boulder County
Otak – General Design Engineering Firm, ECOS – Vegetation Design Firm, Zak Dirt – Contractor, Western States Reclamation – Vegetation Subcontractor
Location: St. Vrain Reach 3 Phase 2, Western Mobile Parcel 2
Project Owner: Boulder County

Work in Progress/Completed:
1. Initial phase of water control in-place and sheetpile installation proceeds.
2. Baker & Weese grading area completed, waiting on As-Built review of flowline and floodplain cross-sections, two additional crack willows to be removed prior to stabilizing the site.
3. Breach Protection Area completed with soil riprap in place, waiting on As-Built review of trench dimensions and final riprap elevations prior to stabilizing the site.
4. Floodplain Bench grading area mostly complete, with final grading of overflow channels taking place prior to As-Built survey and site stabilization.
5. Marking of desirable and undesirable trees is underway in the fish passage channel prior to approval of the start of clearing & grubbing.
6. Stockpile sorting is taking place and hauling to off-site locations (which will be surveyed by drone to obtain pay item volumes)
7-30-20: installation of soil erosion and sediment control measures including silt fence, wattles, and construction fence

8-4-20: Inspection of equipment at Zak Dirt’s equipment yard to ensure specifications are achieved before delivery to site

8-7-20: Grading of Baker & Weese area to achieve protection of previous Breach 2 work from 2018

8-11-20: Clearing and Grubbing of Upper Bypass Structure work area begins
8-14-20: Excavation of Floodplain Grading Area underway

8-18-20: Water Control in-place for Clean Water Diversion, pre-dewatering for sheet-pile installation closest to RR tracks

8-18-20: Trench for Breach Protection Area under excavation, review by Otak
8-21-20: Sheetpile installation underway in section closest to the RR tracks, view from SE corner of the existing upper bypass structure looking NW and upstream
Upcoming Work:
1. Irrigation Plan Submittal for review and approval prior to soil amendments and seeding.
2. Sheetpile Installation to Continue.
3. Hauling of Material Off-Site to 5201 St. Vrain Rd to Continue up to 1500-CY, 2000-CY max. (about 475-CY per day, hauling started 8/20/20).
4. Final grading of Floodplain Grading area and Breach Protection area; As-Built Survey to be reviewed.
5. Construction staking of fish passage grading area to continue and clearing and grubbing to begin.