

2010 Construction Photos



Wildcat Diversion Dam: Prime Contractor Services Group (CSG) and subcontractor Ford Construction Company Inc. (FCCI) demolishing the right side of the masonry dam behind a cofferdam.



Wildcat Diversion Dam: Approximately 5,500 feet of steel pipeline were removed and disposed.

Battle Creek Salmon and Steelhead Restoration Project



North Battle Creek Feeder: Upstream view of the dam and existing flume showing prime contractor Syblon Reid installing high-density polyethylene (HDPE) diversion pipes.



North Battle Creek Feeder: Downstream view of the dam as segments of the HDPE diversion pipes are flown in by subcontractor PJ Helicopters.

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North Battle Creek Feeder: Installation of the supersack cofferdam and HDPE diversion pipes.



North Battle Creek Feeder: Downstream overview of the construction work site. Photo taken on 9/14/2010.

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North Battle Creek Feeder: Overview of the new pool and chute fish ladder and fish screen. Photo taken on 11/30/2010.



North Battle Creek Feeder: Looking downstream with the new access road on right, pool and chute fish ladder at center, and canal headwork structure on left. Photo taken on 11/30/2010.

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North Battle Creek Feeder: Looking downstream of creek, center is the new pool and chute fish ladder and left is the fish screen. Photo taken on 11/30/2010.



North Battle Creek Feeder: Comparison view of the old Alaskan-steep pass (right) and new (center left) pool and chute fish ladder. Photo taken on 11/30/2010.



Eagle Canyon Diversion Dam: Material and equipment are lowered into the Eagle Canyon worksite using 275-ton Manitowoc 999 crane, which has an approximate reach of 220 feet. Photo taken on 9/14/2010.

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Eagle Canyon Diversion Dam: Portion of creek flows are bypassed back into Eagle Canyon Canal via two HDPE pipes supported on timber stands. Photo taken on 9/14/2010.



Eagle Canyon Diversion Dam: Note formwork and steel reinforcement for floor and walls of new vertical slot fish ladder. Photo taken on 9/14/2010.

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Eagle Canyon Diversion Dam: Temporary scaffolding between improved access trail and new fish passage facility. Photo taken on 11/08/2010.



Eagle Canyon Diversion Dam: Temporary 50 feet high scaffolding to access dam work site. Note creek diversion pipeline on upper left, canal bypass pipelines on lower center, and vertical slot fish ladder on right. Photo taken on 11/08/2010.

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Eagle Canyon Diversion Dam: On left are creek diversion and canal bypass HDPE pipelines, and concrete formwork for vertical slot fish ladder on right. Photo taken on 11/08/2010.



Eagle Canyon Diversion Dam: Earthwork to compact new pad for scaffolding access from Eagle Canyon trail down to the dam. Photo taken on 11/30/2010.



Eagle Canyon Diversion Dam: Looking upstream at the dam and on right is the new vertical slot fish ladder. Photo taken on 11/30/2010.



Eagle Canyon Diversion Dam: Looking upstream at temporary timber walkway to the canal headworks, which is installed above the vertical slot fish ladder, to allow PG&E winter operation. Photo taken on 11/30/2010.



Eagle Canyon Diversion Dam: Looking downstream of canal headworks, future fish screen on left, vertical slot fish ladder with temporary timber walkway on right. Note that water for hydropower enters through the headworks, lower left and is conveyed through the future fish screen channel (left) to Eagle Canyon Canal. The fish ladder is currently blocked to prevent fish migration until completion of the fish screen. Photo taken on 11/30/2010.