

Bonneville Dam Gate Pit Repair

USACE Contract# W9127N-10-C-0017

Work Description adjacent to Cascades Island fish ladder

This description provides the anticipated impact to the Cascades Island fish ladder with noise and vibrations created from the structural phase of the project. If these descriptions are in conflict with any laws, rules or regulations, the strictest requirement will be followed.

The purpose of this description is to inform the necessary parties of work to be performed and to minimize the impact to fish passage. Being a design build project, changes to scope may occur, in which case an amendment will be made to update this description.

Work Description

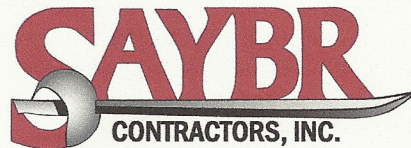
- Install 94 rebar dowels – ¾” at 6” embed
- 48 Hilti ¾” anchors at 4” embed
- 18 Hilti 5/8” anchors at 3” embed
- 108 Hilti ¾” anchors at 7” embed
- 2 Hilti 5/8” anchors at 4” embed
- Appx. 14 ln. ft. concrete fillet removal
- Appx. 712 sq. ft. surface prep
- 20 Red Head 3/8” anchors at 3” embed

Work Methods

- Anchors and dowels will be installed using a Bosch SDS-Plus roto-hammer.
- Concrete fillet removal will be done with 40-60lb chipping hammer.
- Surface prep will be done using sand blasting method.

Work is tentatively schedule between July 6th and August 31st but having most of the impact (drilling, chipping) in early July. All drilling and hammering within 50’ to be done between the hours of 2200 – 0430 unless otherwise directed. Most drilling is 2-3 minutes per anchor while the fillet chipping will be done in less than an 8 hr shift. This description includes all the work to impact the fish passage to the best of my knowledge to date.

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