

## Key change order summary for pontoon design and repairs

Updated 1/7/2014

### COMPLETED CHANGE ORDERS



#### Pontoon Construction Project

##### Cycle 1 spalling repairs to four pontoons in Aberdeen casting basin:

- Executed April 2013
- De-tensioned Pontoon V
- Removed spalled concrete
- Modified post-tensioning profile
- Reinforced bolt beam

Change order amount: \$9.9 M



#### Floating Bridge and Landings Project

##### Cycle 1 repairs to four pontoons on Lake Washington and in drydocks:

- Executed July 2013
- Leasing and towing pontoons to drydocks in Portland and Seattle
- Cofferdam construction and towing
- Epoxy injections
- Transverse post-tensioning
- Carbon-fiber wrap

Change order amount: \$48.7 M

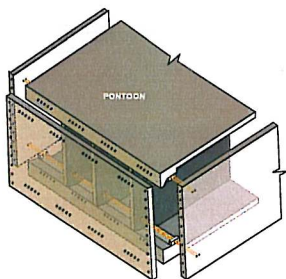


#### Pontoon Construction Project

##### Cycle 2 modifications to four pontoons in Aberdeen casting basin:

- Executed July 2013
- Add transverse post-tensioning
- New scope, materials, and labor

Change order amount: \$22.4 M



#### Pontoon Construction Project

##### Cycles 3-6 changes:

- Executed Dec. 2013
- Add transverse post-tensioning
- New scope, materials, and labor
- Adjust schedule of pontoon delivery dates

Change order amount: \$37.1 M

#### Miscellaneous change orders

Includes various project change orders, such as underwater inspections and pontoon storage

Change order amount: \$12.6 M

**Sub-total: \$130.7 M**

### PENDING CHANGE ORDER



#### Floating Bridge and Landings Project

Floating bridge and landings schedule change that includes new pontoon delivery dates

Change order estimate: \$77.5 M

**Total design error  
change orders: \$208.2 M**