

Bob Ortblad @BOrtblad · Oct 24

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A 4-month fish window dictates the lengths of these projects.
The I-205 Bridge retrofit has only 6 in-water-shafts and will take 6 years.
The IBR's Bridge has 88 in-water-shafts and 2 bridge demolitions and could take 14-16 years.
IBR claims only 8-10 years, no detail schedule.

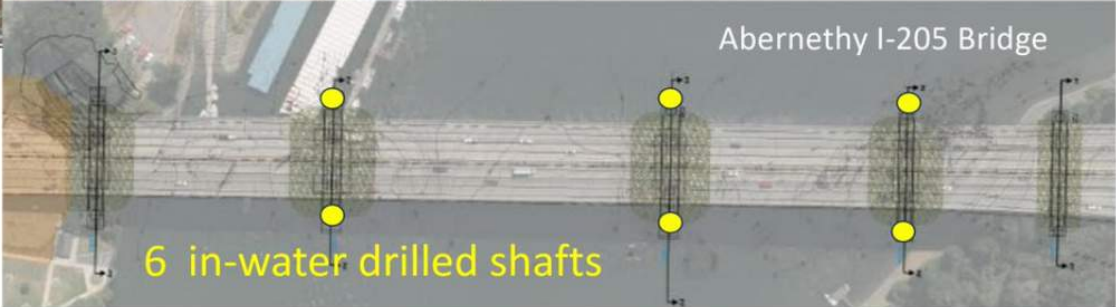


Abernethy I-205 Bridge
6 years
6 shafts in water

IBR I-5 Bridge
14-16 years
88 shafts in water
2 bridge demolitions



fish window
4 months



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CORRECTION:

Found a CRC report listing only 88 drilled shafts (10' dia.)

On Abernethy Bridge the largest oscillator in North America has taken 3 to 4 weeks to drill 12' dia. shaft.

Using a single expensive oscillator, IBR's bridge shafts will take 16 years.

Tunnel 4-5 years.

COLUMBIA RIVER CROSSING BIOLOGICAL ASSESSMENT



Table 3-10. Summary of Permanent Shafts in the Columbia River

Location	Shafts per Pier	Total Shafts
Piers 3–6 on northbound structure	Varies: 6 to 9	32
Piers 3–6 on southbound structure	Varies: 6 to 9	32
Pier complex 2	6	12
Pier complex 7	6	12
Total	24 to 30	88



88 shafts
x 3 weeks/shaft
264 weeks
17 in-water weeks/year
16 years

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A Fishy Plan

At recent IBR meeting Greg Johnson, Program Administrator, said construction will take 8 to 10 years with a 6-month fish window.

How long will it take with the REQUIRED 4-month window, or NOAA Fisheries recommended 2-month window?

Immersed Tunnel 4 to 5 years.



Greg Johnson
Program Administrator

“That in-water period generally runs from September to February”



Fish window 6 month?



4 months	WATERWAY	PREFERRED WORK PERIOD ¹
Columbia River Management		
	Columbia River Estuary (Mouth to Tongue Pt.)	November 1 – February 28
	Columbia River (Tongue Pt. to Bonneville Dam)	November 1 – February 28



WATERCOURSE	4 months	GENERAL WORK WINDOW
Columbia River		
--mouth to Snake River		November 1 – February 28



2 months

Endangered Species Act Section 7 Formal Programmatic Opinion, Letter of Concurrence and Magnuson-Stevens Fishery Conservation and Management Act Essential Fish Habitat Conservation Recommendations April 5, 2012

All in-water work in the Columbia River mainstem below Bonneville Dam, except pile driving, must be completed between November 1 and December 31. Pile driving in the Columbia River mainstem below Bonneville Dam must be completed between October 1 and November 31.