

**Species Conclusions Table**

Project Name: NAO 2014-0626 Route 35 Bridge Replacement in Courtland, VA

Date: July 24, 2014

Species/Resource Name	Conclusion	ESA Section 7 / Eagle Act Determination	Species Info / Habitat Description	Notes / Determination
Red-cockaded woodpecker (Picoides borealis)	No suitable habitat present	No effect	"The woodpecker occurs in open, mature pines forests of the southeastern United States. Cavity trees in VA are usually in loblolly pines that are 70-90 years of age. Cavities are also found in trees that are infected by a heart rot fungus that weakens the hardwood. They nest between late April and early June."	The impact areas adjacent to the bridge is currently in young woody species. As you move away from the bridge and out of the impact area there is potential habitat, though these areas will not be affected by the project.
Roanoke Logperch (Percina rex)	Potential habitat present and no current survey conducted	May adversely affect	"Found in perennial streams wider than 30 foot and deeper than ½ foot. Requires warm, clear water. Substrate < 25% silted and <25% embedded, composed of pebble and gravel. Known occurrences in Smith, Pigg, Roanoke, Nottoway, Goose Creek and Big Otter River watersheds."	The work in and around the river may adversely affect the species. The applicant has taken steps to mitigate potential effects: 1. Using a trestle so as not to work directly in the water, 2. Use of coffer dams directly around equipment and pilings, and 3. by adhering to time of year restrictions for this species and will not work in stream between February 15-June 15
<b>Eagles (Haliaeetus leucocephalus)</b>				
Eagle Nests	nesting bald eagles	No Eagle Act permit required	No nest in project vicinity.	no effect
Eagle Concentration Areas	bald eagle	No Eagle Act permit required	No concentration areas in project vicinity.	no effect
<b>Critical Habitat</b>				
<b>Other (other species not listed above or required coordination for NOAA, DCR, &amp; VDGIF)</b>				