



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

June 5, 2012

MEMORANDUM TO: Pam Williams, Project Executive
Transportation Program Management

FROM: Greg Price, Environmental Program Consultant
Natural Environment Section

SUBJECT: Federally Protected Species Memorandum for the proposed replacement of Bridge Nos. 460023, 460024, 460025, and 460098 in Hoke County. WBS Element Nos. 17BP.8.R.10, 17BP.8.R.11, 17BP.8.R.12, and 17BP.8.R.44.

The following memorandum addresses federally protected species under the Endangered Species Act potentially impacted by these projects. As of September 22, 2010, the U.S. Fish and Wildlife Service (USFWS) lists six federally protected species for Hoke County: Red cockaded woodpecker (*Picoides borealis*), Saint Francis' satyr (*Neonympha mitchellii francisci*), American alligator (*Alligator mississippiensis*), American chaffseed (*Schwalbea americana*), Rough-leaved loosestrife (*Lysimachia asperulaefolia*), and Michaux's sumac (*Rhus michauxii*). Habitat only exists for American alligator within the study areas. A review of the North Carolina Natural Heritage Program (NCNHP) database on June 5, 2012, indicated no occurrences of the listed species within one mile of the project study areas. Therefore, the biological conclusion of 'No Effect' was determined for five of the listed species whereas a biological conclusion is not required for American alligator since it is listed as Threatened due to similarity of appearance.

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