

# Environmental Commitments

Owner	Commitment
<p><b>Hazardous Materials</b></p>	<p>An Asbestos Containing Material (ACM) survey was performed on Bridge No. 70SR0400005, SR-40 over Ocoee River, Log Mile 3.12 (Bridge No. 70SR0400005). The bridge has asbestos in the vibration dampener bearing pad material between the approach bents and deck; approximately 432 square feet at less than 1% chrysotile (which is only regulated under OSHA standards). Please see the report for further details and photographs. The survey was completed under a previous PIN (PIN 123737.00).</p> <p>Since the asbestos is less than 1%, no special accommodations (except OSHA health and safety regulations for asbestos materials) for demolition and waste disposal are anticipated for this structure and the material can be deposited in a C&amp;D landfill. Prior to the demolition or rehabilitation of any structure (bridge or building), the contractor is required to submit the National Emission Standards for Hazardous Air Pollutants standard 10-day notice of demolition to the TDEC Division of Air Pollution Control (per TDOT Standard Specifications for Road and Bridge Construction (January 1, 2015) Sections 107.08 D and 202.03).</p>
<p><b>Ecology</b></p>	<p>Due to concerns for the federally threatened snail darter (<i>Percina tanasi</i>), TDOT is committed to prohibit instream work from February 1st – April 30th in the Ocoee River for the duration of the project.</p>
<p><b>Ecology</b></p>	<p>To comply with the TDOT/USFWS 2015 Memorandum of Agreement for impacts to Cliff Swallows (<i>Petrochelidon pyrrhonota</i>) and Barn Swallows (<i>Hirundo rustica</i>), Cliff swallow and barn swallow nests, eggs or birds (young and adults) will not be disturbed between April 15 and July 31. From August 1 to April 14, nests may be removed or destroyed, and measures may be implemented to prevent future net building at the site (e.g., closing off area using netting).</p>
<p><b>Ecology</b></p>	<p>Due to concerns for the state listed Barn Owl (<i>Tyto alba</i>) using the bridge over the Ocoee River during various nesting stages, TDOT has committed to prohibit work on the existing bridge from April 1st to September 1st.</p>
<p><b>Other</b></p>	<p>With TDOT's prior approval, the Design-Builder may temporarily close the Ocoee River at the project site to recreational users for short durations during beam erection and bridge demolition activities. The Design-Builder should develop a plan to notify river traffic of closures, temporarily hold river traffic and notify river traffic of when it is safe to proceed. This plan should be pre-approved by TDOT. Warning / notification signs pre-approved by TDOT shall be placed by the Design-Builder above and below the bridge site within the ROW and at all public boat ramps/boat access points located upstream to Ocoee Dam #1 (Parksville Dam).</p> <p>If the Design-Builder elects to utilize a barge, jetty, or a haul road for construction purposes, warning / notification signs pre-approved by TDOT shall be placed by the Design-Builder above and below the bridge site and at all boat ramps/boat access points located upstream to Ocoee Dam #1 (Parksville Dam).</p>