

Appendix I

ENVIRONMENTAL COMMITMENTS

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All Commitments Report as of 09/27/2011

Des Number: 0401402
 District: Seymour
 Route: US 50
 Project Desc: New Road Construction

Contract No: IR 33030
 Project Mgr: Gary, Pence

----- C o m m i t m e n t -----

Attn.?	Required?	Implement?	No.
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Yes	Required	Yes	6
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Do not work in the waterway from April 1 through June 30 without the prior written approval of the Division of Fish and Wildlife.

Yes	Required	Yes	7
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Do not cut any trees suitable for Indiana bat roosting (greater than 3 inches dbh, living or dead, with loose hanging bark) from April 1 through September 30.

No	Required	Yes	4
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Impacts to non-wetland forest under 1 acre should be mitigated at a 1:1 ratio, while impacts to non-wetland forest over 1 acre should be mitigated at a minimum 2:1 ratio. Impacts to wetland and habitat should be mitigated at the appropriate ratio according to the USFWS/IDNR/INDOT MOU.

No	Required	Yes	5
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Revegetate all bare and disturbed areas within the project area using a mixture of grasses, sedges, wildflowers, shrubs, and trees native to Southern Indiana and specifically for stream bank/floodway stabilization purposes as soon as possible upon completion.

No	Required	Yes	8
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Do not excavate in the low flow area except for the placement of piers, foundations, and riprap, or removal of the old structure.

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Attn.?	Required?	Implement?	No.
No	Required	Yes	10
<p>Use minimum average 6 inch graded riprap stone extended below the normal water level to provide habitat for aquatic organisms in the voids.</p>			
No	Required	Yes	11
<p>Plant native hardwood trees along the top of the bank and right-of-way to replace the vegetation destroyed during construction.</p>			
No	Required	Yes	12
<p>Plant five native trees, at least 2 inches in diameter-at-breast height, for each tree which is removed that is ten inches or greater in diameter-at-breast height.</p>			
No	Required	Yes	13
<p>The amount of mitigation for stream and wetland impacts cannot be determined until a preferred alternative is selected. If combined mitigation is proposed for the North Vernon bypass and the west US 50 segment, serious consideration should be given to selecting a mitigation site which will benefit wildlife habitat and water quality at Muscatatuck National Wildlife Refuge. Please contact the Refuge staff to discuss appropriate mitigation sites.</p>			
No	Required	Yes	14
<p>Where bridges are used restrict below low-water work to placement of piers, pilings and/or footings, shaping of the spill slopes around the bridge abutments, and placement of riprap.</p>			