

APPENDIX A

COMMITMENTS SUMMARY FORM

DESIGNATION NUMBER	COMMIT. NUMBER	COMMIT. DATE	COMMITMENT TEXT	CONSULTANT SUBMIT COMMITMENT	FIRST NAME CONSULTANT	LAST NAME CONSULTANT	CONSULTANT PHONE NUMBER	OFFICE DOCUMENTING COMMITMENT	DOCUMENTER FIRST NAME	DOCUMENTER LAST NAME	DOCUMENTER PHONE NUMBER	AGENCY REQUIRING COMMITMENT	CONTACT FIRST NAME	CONTACT LAST NAME	CONTACT PHONE NUMBER	REQUIRED OR FOR CONSIDERATION	IMPLEMENT DURING PROJ DEVELOPMENT	ATTENTION TO CONSTRUCTION	NOTES
0300380	1	7/13/2011	Construction of an overpass at Dry Branch Road (Greene CR 750E and 900E) to provide access to residences from the north or south as this valley is known to occasionally flood is proposed as a result of the CSS process.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	For Consideration	Yes	No	
0300380	2	7/13/2011	Construction of grade separations at Mineral-Koleen Road (CR 350S, CR 360S, and CR 880E), Burch Road (Monroe County), Harmony Road (Monroe County), Bolin Lane (Monroe County) to maintain local connectivity is proposed as a result of the CSS process.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6201	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	For Consideration	Yes	No	
0300380	3	7/13/2011	Construction of a new Access Road (AR 1) to maintain travel between CR 475E and CR 450S (west of CR 475E) and the current access to Taylor Ridge Cemetery is proposed as a result of the CSS process.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6202	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	For Consideration	Yes	No	
0300380	4	7/13/2011	Construction of a new Access Road (AR 2a) would modify the existing cul-de-sac at the south end of Spruce Road. The new cul-de-sac will be constructed slightly north of the existing one with a new connection to Pine Road in the Clifty Hills Subdivision and is proposed as a result of the CSS process.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6203	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	For Consideration	Yes	No	
0300380	5	7/13/2011	Construction of a new Access Road (AR 3) to provide access to two residential properties on the west side of SR 45 to the south of I-69 is proposed as a result of the CSS process.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6204	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	For Consideration	Yes	No	
0300380	6	7/13/2011	Construction of a new Access Road (AR 4) to maintain the connection of Greene CR 1250E to SR 54 facilitating travel between the Hobbieville area and Owensburg and construction of a Greene/Monroe County Line Interchange to serve traffic commuting between Bloomfield, Cincinnati, Crane NSWC and Hobbieville and the greater Bloomington urbanized area is proposed as a result of the CSS process.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6205	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	For Consideration	Yes	No	
0300380	7	7/13/2011	Construction of a new Access Road (AR 5) to extend east from SR 54, on the south side of I-69, to provide access to properties whose current access would be terminated by the construction of I-69 is proposed as a result of the CSS process.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6206	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	For Consideration	Yes	No	
0300380	8	7/13/2011	Construction of a new Access Road (AR 6) would be built on the east side of SR 45 to the north of I-69 to provide access to one residential property and one undeveloped parcel as a result of the CSS process.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6207	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	For Consideration	Yes	No	
0300380	9	7/13/2011	A set of low-cost design criteria will be developed that minimizes the environmental footprint of the Interstate as a part of the CSS process. The low-cost design criteria help the roadway to better follow the existing ground contours reducing bridge heights and minimizing the large road cuts and steeper side slopes help reduce the cut and fill construction limits.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6208	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	Required	Yes	No	
0300380	10	7/13/2011	Changes in roads used by school bus routes will be discussed with the school systems well in advance of when they actually take place so the school systems can adjust routes in a timely manner.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6209	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	Required	Yes	No	
0300380	11	7/13/2011	Eight cemeteries are located within the project corridor. The right-of-way for Access Road #1 that will provide modified access to Taylor Ridge Cemetery from CR 475E. Refined Preferred Alternative 2 is within 100 feet of the cemetery. If disturbance of ground within 100 feet of a cemetery gravesite is proposed, a development plan will be completed and submitted to IDNR Division of Historic Preservation and Archaeology during the design phase of project development as per the Indiana Historic Preservation and Archaeology Law (IHPAA).	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6210	INDOT OES	Laura	Hilden	317-232-5018	IDNR DHPA	James	Glass	317-232-3492	Required	Yes	No	
0300380	12	7/13/2011	Noise abatement measures have been analyzed. These included roadway geometrics and noise barriers. The Refined Preferred Alternative 2 will result in 88 (90 low-cost design criteria) traffic noise impacts. The noise barrier analysis resulted in no noise barriers meeting the cost-effectiveness portion of the "reasonable" criteria (\$30,000 per benefited receiver) and no noise barriers are planned for mitigation. A final determination on noise abatement will be made during the design phase. At such time, additional noise analysis will be performed to more accurately determine barrier performance, barrier characteristics, and the optimal barrier location for any potential noise barriers. At that time, if noise abatement is still determined to be feasible and cost-effective, then potentially affected property owners will be surveyed in accordance with the requirements set forth in the INDOT Noise Policy to determine whether they do or do not want noise abatement.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6211	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	Required	Yes	No	
0300380	13	7/13/2011	Heavy blasting is anticipated, and strict blasting specifications will be followed. Blasting will be performed in accordance with the INDOT Standard Specifications for roadway construction. Consideration will be given to the timing of blasting in order to minimize noise impacts to sensitive receivers during periods of occupancy.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6212	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	Required	Yes	Yes	
0300380	14	7/13/2011	The potential does exist for local officials and developers to help minimize adverse noise impacts through the use of careful land use planning. With regard to currently undeveloped land, the creation of a "buffer zone" or locating noise sensitive developments a reasonable distance away from the project would help minimize future noise impacts. Local planning authorities will be provided with the 66 dBA noise contour mapping and can utilize it to develop noise compatible land uses outside the 66 dBA buffer zone. This mapping will be provided to Greene and Monroe County officials for use in noise-sensitive land use planning.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6213	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	Required	Yes	No	
0300380	15	7/13/2011	Stormwater runoff protection measures will be installed at all karst features in the right-of-way at the initiation of construction and maintained until all stormwater drainage has been diverted away from the feature, or final permanent stormwater treatment measures are in place.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6214	INDOT OES	Laura	Hilden	317-232-5018	IDEM	Jason	Randolph	317-233-0467	Required	Yes	No	
0300380	16	7/13/2011	USEPA Class V injection well permits may be required for various types of projects. A permit could be required by EPA Region 5 if a Class V injection well is located within the karst region of the state, a sole source aquifer area, a state designated source water protection area for a public water supply, or anywhere untreated fluids discharged through a Class V well may otherwise endanger an underground source of drinking water. If there are measures in place to prevent contamination of groundwater, a Class V well could be authorized by rule rather than by a permit. A Class V Well Inventory Form would need to be provided to EPA prior to construction of a Class V injection well to determine if a permit will be required. If the inventory information provided indicates that any injection well would likely contaminate any underground source of drinking water, a permit would be required. Any permit would need to be applied for and obtained prior to construction of the Class V well.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6215	INDOT OES	Laura	Hilden	317-232-5018	USEPA	Virginia	Laszewski	312-886-7501	Required	Yes	No	
0300380	17	7/13/2011	If active groundwater flow paths are discovered, measures will be taken to perpetuate the flow and protect water quality.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6216	INDOT OES	Laura	Hilden	317-232-5018	USEPA	Virginia	Laszewski	312-886-7501	Required	Yes	No	
0300380	18	7/13/2011	INDOT and FHWA will continue to coordinate with IDNR with regard to potential impacts upon eastern box turtles.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6217	INDOT OES	Laura	Hilden	317-232-5018	IDNR	Christie	Stanifer	317-232-4160	Required	Yes	No	

DESIGNATION NUMBER	COMMIT. NUMBER	COMMIT. DATE	COMMITMENT TEXT	CONSULTANT SUBMIT COMMITMENT	FIRST NAME CONSULTANT	LAST NAME CONSULTANT	CONSULTANT PHONE NUMBER	OFFICE DOCUMENTING COMMITMENT	DOCUMENTER FIRST NAME	DOCUMENTER LAST NAME	DOCUMENTER PHONE NUMBER	AGENCY REQUIRING COMMITMENT	CONTACT FIRST NAME	CONTACT LAST NAME	CONTACT PHONE NUMBER	REQUIRED OR FOR CONSIDERATION	IMPLEMENT DURING PROJ DEVELOPMENT	ATTENTION TO CONSTRUCTION	NOTES
0300380	19	7/13/2011	Contractors will be required to provide an acceptable spill response plan. This response plan will include telephone numbers for emergency response personnel and copies of agreements with any agencies which are part of the spill-response effort. An emergency contact telephone number also is required. The Rule 5 permit that contractors must obtain will require that all have spill containment plans in their contract documents.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6218	INDOT OES	Laura	Hilden	317-232-5018	IDEM	Jason	Randolph	317-233-0467	Required	Yes	Yes	
0300380	20	7/13/2011	Blasting within areas where dimensional limestone is being quarried will be completed following specifications developed in consultation with limestone industry representatives as well as the Indiana Geological Survey and other geology experts.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6219	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	Required	Yes	Yes	
0300380	21	7/13/2011	Prior to construction, a Phase Ic archaeological survey and any other subsequent survey's will be conducted for areas adjacent to 7 creek crossings per the Section 106 MOA. These areas include 2 at Black Ankle Creek (Seg 2), 1 at Mitchell Branch (Seg 4), and 4 at Indian Creek (Seg 6,7).	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6220	INDOT OES	Laura	Hilden	317-232-5018	IDNR DHPA	James	Glass	317-232-3492	Required	Yes	No	
0300380	22	7/13/2011	Prior to construction, avoidance or additional studies will be performed on 11 individual archaeological sites per the Section 106 MOA. These sites include 12Gr1775 (Seg 2), 12Gr1783 (Seg 6), 12Gr1779 (Seg 6), 12Gr1784 (Seg 9), 12Mo1268 (Seg 7), 12Mo1272 (Seg 7), 12Mo1273 (Seg 7), 12Mo1325 (Seg 7), 12Mo1350 (Seg 7), 12Mo1345 (Seg 8), and 12Mo776 (Seg 9).	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6221	INDOT OES	Laura	Hilden	317-232-5018	IDNR DHPA	James	Glass	317-232-3492	Required	Yes	No	
0300380	23	7/13/2011	Prior to construction, additional surveys will be performed at the Virginia Iron Works District (Seg 7) and the Victor Limestone District (Seg 8-9) archaeological sites per the Section 106 MOA.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6222	INDOT OES	Laura	Hilden	317-232-5018	IDNR DHPA	James	Glass	317-232-3492	Required	Yes	No	
0300380	24	7/13/2011	Mitigation measures to address visual impacts may include vegetative screening, roadside ditch enhancements with wetland and wildflower plantings, and a visual barrier to screen views from the road toward the Fern Hills Club.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6224	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	For Consideration	Yes	No	
0300380	25	7/13/2011	Efforts will be made in this project to create positive visual impacts and reduce negative visual impacts without compromising traffic operations and safety.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6225	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	For Consideration	Yes	No	
0300380	26	7/13/2011	Non-diffuse lighting will be used when possible. Any lights installed will be at least 40 feet above the highway in order to avoid collisions between bats and vehicles. Lighting locations will be identified during final design. The locations could include the SR 45 and 37 interchanges.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6226	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	For Consideration	Yes	No	
0300380	27	7/13/2011	There is one UST database site (Petro-Plus and Crossroads Café, FID 15998) located adjacent to the corridor that may be impacted by the Refined Preferred Alternative 2 as a result of the development of the Greene/Monroe County Line interchange South Connector Road. A Phase II Environmental Site Assessment will be performed prior to or as part of right-of-way acquisition. The USTs located within the Refined Preferred Alternative 2 will be removed in accordance with applicable state and federal laws and regulations. As part of the removal of the USTs, an impact assessment consisting of soil and/or groundwater testing will be performed.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6227	INDOT OES	Laura	Hilden	317-232-5018	IDEM	Jason	Randolph	317-233-0467	Required	Yes	No	
0300380	28	7/13/2011	There is one LUST database site located within close proximity to the proposed right-of-way for the Greene/Monroe County Line interchange South Connector Road associated with the Refined Preferred Alternative 2. The owner of this site (Pinewood Village, FID 19717) is currently performing subsurface investigations to determine the extent of the release from the UST located on this property. The IDEM site files for property shall be reviewed to assess the results of the Initial Site Characterization report and any other investigations that may be performed at this facility. Based on the results of the review of the IDEM site files, if warranted a Phase II Environmental Site Assessment consisting of soil and/or groundwater testing will be conducted to determine if the properties located within the ROW limits of the Refined Preferred Alternative 2 have been impacted.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6228	INDOT OES	Laura	Hilden	317-232-5018	IDEM	Jason	Randolph	317-233-0467	Required	Yes	No	
0300380	29	7/13/2011	A Phase I Environmental Site Assessment will be performed for the lumberyard/mill property (along Rockport Road near the intersection with West Evans Lane) prior to the or as part of right-of-way acquisition. A Phase II Environmental Site Assessment will be performed, if warranted based on the results of the Phase I Environmental Site Assessment.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6229	INDOT OES	Laura	Hilden	317-232-5018	IDEM	Jason	Randolph	317-233-0467	Required	Yes	No	
0300380	30	7/13/2011	A Phase II Environmental Site Assessment will be conducted for the property where the open dump/auto graveyard is located (7699 Evans Road) to determine if the soil and/or groundwater have been impacted. The Phase II Environmental Assessment will be performed prior to or as part of right-of-way acquisition. The debris will be removed and properly disposed of in accordance with applicable state and federal laws and regulations.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6230	INDOT OES	Laura	Hilden	317-232-5018	IDEM	Jason	Randolph	317-233-0467	Required	Yes	No	
0300380	31	7/13/2011	During the field inspection, utility owned pole-mounted electrical transformers located along public rights-of-way were observed. No visible indicators of oil leakage were observed. Coordination will occur with the owners of electrical transformers before and during construction for proper handling and removal of any transformers or pipes affected by the Refined Preferred Alternative 2.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6232	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	Required	Yes	No	
0300380	32	7/13/2011	In Section 4, Floodplain encroachments will be minimized, where reasonable, through design practices such as longer bridges and perpendicular stream crossings. There are 5 FEMA mapped floodplains crossed in Section 4: Black Ankle Creek (Seg 2), Dry Branch (Seg 2), Plummer Creek (Seg 3), Indian Creek (Seg 6-7), and an unnamed tributary to Clear Creek (formerly May Creek) (Seg 9). A hydraulic study during final design will determine the length of the spans. A final hydraulic design study will be completed during the design phase, and a summary of this will be included with the Field Check Plans and Design Summary. The channels of Black Ankle, Dry Branch, Plummer, Mitchell Branch (Seg 4), Indian Creek and a portion of their overbanks will be bridged to minimize stream and riparian impacts.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6233	INDOT OES	Laura	Hilden	317-232-5018	IDNR	Christie	Stanifer	317-232-4160	Required	Yes	No	
0300380	33	7/13/2011	For Section 4, possible wetland and/or forest mitigation sites to be considered are in 7 focus areas, as identified in the Tier 2 Biological Assessment: Veale Creek Maternity Colony, SR 57 Focus Area, Doans Creek Maternity Colony, Plummer Creek Maternity Colony, Little Clifty Branch Maternity Colony, Indian Creek Maternity Colony, Cave (confidential), and Garrison Chapel Valley Focus Area. Additionally, the Section 2 Biological Opinion stated that mitigation in the Veale Creek Maternity Colony area could be utilized for Section 4 mitigation.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6234	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	No	No	

DESIGNATION NUMBER	COMMIT. NUMBER	COMMIT. DATE	COMMITMENT TEXT	CONSULTANT SUBMIT COMMITMENT	FIRST NAME CONSULTANT	LAST NAME CONSULTANT	CONSULTANT PHONE NUMBER	OFFICE DOCUMENTING COMMITMENT	DOCUMENTER FIRST NAME	DOCUMENTER LAST NAME	DOCUMENTER PHONE NUMBER	AGENCY REQUIRING COMMITMENT	CONTACT FIRST NAME	CONTACT LAST NAME	CONTACT PHONE NUMBER	REQUIRED OR FOR CONSIDERATION	IMPLEMENT DURING PROJ DEVELOPMENT	ATTENTION TO CONSTRUCTION	NOTES
0300380	34	7/13/2011	Detailed mitigation plans will be developed before or during final design to meet the permitting requirements of the USACE when details exist to support such plans. At that time, additional measures to minimize impacts to specific wetland sites will be considered, including narrowing the right-of-way; installing drainage features such as swales to ensure that roadway runoff does not enter wetland areas; and designing culverts to maintain the flow of water to a wetland area otherwise cut off from its existing water source.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6235	INDOT OES	Laura	Hilden	317-232-5018	USACE	Deborah	Snyder	317-532-4197	Required	No	No	
0300380	35	7/13/2011	INDOT will be responsible for monitoring and maintaining the mitigation areas while they are being established, as well as monitoring periodically. As noted in the Tier 2 BA, the mitigation sites will be restricted from other uses to ensure that they remain in a natural condition in perpetuity.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6236	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	No	No	
0300380	36	7/13/2011	Stream relocations will be completed using the natural channel design features, including within all Indiana bat maternity colony areas, to develop a channel that is as good as or better than the impacted channel. Stream mitigation will be completed to adequately mitigate for linear feet of stream impacts in coordination with both the USACE and IDEM during the permitting process of the Section 4 project. Wherever possible, both banks of stream mitigation areas will be protected. If both banks cannot be protected, coordination with both IDEM and USACE will be completed to identify the amount of mitigation credits that INDOT may receive based on the proposed mitigation site. Plans will include the planting of woody and herbaceous vegetation to stabilize the banks. USFWS will be included in the coordination regarding the relocation during the permitting process to assure that any concerns relative to the Indiana bat are addressed as part of the stream relocation.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6237	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	Yes	No	
0300380	37	7/13/2011	Per IDEM comments received on the DEIS, consideration will be given in the design phase to planting trees and shrubs along relocated streams and outside right-of-way edge.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6238	INDOT OES	Laura	Hilden	317-232-5018	IDEM	Jason	Randolph	317-233-0467	For Consideration	Yes	No	
0300380	38	7/13/2011	Continued efforts will be made during final design to identify design features that would minimize impacts at stream crossings, including identifying measures to keep channel and bank modifications to a minimum and, where feasible, avoid channel alterations below the ordinary high water mark elevation.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6239	INDOT OES	Laura	Hilden	317-232-5018	IDEM	Jason	Randolph	317-233-0467	For Consideration	Yes	No	
0300380	39	7/13/2011	Per IDEM written comments on the DEIS, a firm commitment was added to evaluate measures for bank stabilization, reinforcement and erosion control for final design of the South Connector Road bridge over Indian Creek to minimize natural channel migration.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6240	INDOT OES	Laura	Hilden	317-232-5018	IDEM	Jason	Randolph	317-233-0467	Required	Yes	No	
0300380	40	7/13/2011	Per IDNR comments on the DEIS, a firm commitment was added that during the design phase, consideration will be given to using alternative armoring materials and including portions of dry land under the bridge opening that is not armored with riprap. The use of bio-engineering techniques to provide natural armoring of stream banks will be considered and implemented where practicable. Installation of riprap will be limited to areas necessary to protect the integrity of structures being installed. If riprap is required, it will be installed outside the thalweg and between the toe of slope and the ordinary high water mark (OHWM) where possible. In some instances, such as culvert inlets and outlets, riprap may need to be placed within the thalweg to prevent scour. Riprap will be installed at the same elevation as the thalweg to avoid fish passage issues. Riprap may also be needed above the OHWM to protect bridge piers and abutments from scour where bio-engineering will not suffice. Transportation designers will work with appropriate agencies to determine the most feasible and practical conservation measures for the maintenance of wildlife movements and landscape connectivity. Wildlife crossings are proposed at 29 locations. INDOT is committing to meeting the minimum dimensions for deer (8'x24', clear, obstruction free, dry opening) at 11 locations; the additional 18 may or may not meet the minimum dimensions for deer, but are anticipated to provide opportunities for wildlife movement underneath across the interstate. Additionally, bridges crossing over 6 roads may provide opportunities for wildlife movement across the interstate. These locations can be found in Ch. 7.3.13 of the FEIS.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6241	INDOT OES	Laura	Hilden	317-232-5018	IDNR	Christie	Stanifer	317-232-4160	Required	Yes	No	
0300380	41	7/13/2011	In Section 4, special measures including diversions of highway runoff from direct discharge off of bridge decks into streams, and containment basins to detain accidental spills, will be incorporated into final design plans for perennial streams within any of the Indiana bat maternity colony areas. Perennial stream crossings within Indiana bat maternity colony areas to receive special spill containment measures include Black Ankle Creek (Seg 2), Dry Branch (Seg 2), and the 3 most northern Indian Creek crossings (Seg 6-7). The remaining perennial streams in Section 4 all fall within the Winter Action Area [Plummer Crk (Seg 2-3), Mitchell Branch (Seg 4), the southernmost Indian Crk (Seg 6), Happy Crk (Seg 8), and May Crk (Seg 8-9)] and are also anticipated to receive special measures, including spill containment and runoff diversion.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6242	INDOT OES	Laura	Hilden	317-232-5018	IDNR	Christie	Stanifer	317-232-4160	Required	Yes	No	
0300380	42	7/13/2011	In Section 4 expanded summer action area (SAA), the incidental take limit for Indiana bats is 112 individuals from 2013 and 2030 (79 adult females/juveniles and 33 male bats). During fall, winter, and spring, the incidental take limit for Indiana bats is 883 individuals from 2013 and 2030. Direct habitat loss within the SAA will be limited to 1,107 acres of forest habitat and 5.8 acres of non-forested wetland habitat. If the anticipated levels of incidental take (i.e. habitat modification and/or roadkill) are exceeded by more than 10% (or tree clearing occurs during the restricted periods) within the SAA, then such incidental take represents new information requiring reinitiation of consultation and review of the reasonable and prudent measures provided. INDOT and FHWA must immediately provide an explanation of the causes of the taking and review with the USFWS the need for possible modification of the reasonable and prudent measures.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6243	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	Yes	No	
0300380	43	7/13/2011	In areas where alternative drainage is not possible, mitigation and treatment for karst features receiving highway drainage will include the implementation of water quality treatment or abatement measures for highway runoff prior to its release toward karst features. Such measures include peat and sand filters, gravel filters, vegetative buffers, lined spill or runoff containment structures, installation of concrete caps, specially designed drainage structures, detention basins or swales, and spring boxes. These structures could be constructed in appropriate locations along the highway to detain and/or treat highway runoff prior to discharge.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6244	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	Yes	No	
0300380	44	7/13/2011	In areas where alternative drainage is not possible, mitigation and treatment for karst features receiving highway drainage will include the implementation of water quality treatment or abatement measures for highway runoff prior to its release toward karst features. Such measures include peat and sand filters, gravel filters, vegetative buffers, lined spill or runoff containment structures, installation of concrete caps, specially designed drainage structures, detention basins or swales, and spring boxes. These structures could be constructed in appropriate locations along the highway to detain and/or treat highway runoff prior to discharge.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6245	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	For Consideration	Yes	No	

DESIGNATION NUMBER	COMMIT. NUMBER	COMMIT. DATE	COMMITMENT TEXT	CONSULTANT SUBMIT COMMITMENT	FIRST NAME CONSULTANT	LAST NAME CONSULTANT	CONSULTANT PHONE NUMBER	OFFICE DOCUMENTING COMMITMENT	DOCUMENTER FIRST NAME	DOCUMENTER LAST NAME	DOCUMENTER PHONE NUMBER	AGENCY REQUIRING COMMITMENT	CONTACT FIRST NAME	CONTACT LAST NAME	CONTACT PHONE NUMBER	REQUIRED OR FOR CONSIDERATION	IMPLEMENT DURING PROJ DEVELOPMENT	ATTENTION TO CONSTRUCTION	NOTES
0300380	45	7/13/2011	Low salt zones will be defined within any drainage area of a karst feature which is used for highway drainage. Further coordination with the Karst MOU agencies will occur during the design phase of the project regarding low-salt zones, including specific elements of the low salt strategy.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6246	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	For Consideration	Yes	No	
0300380	46	7/13/2011	Monitoring is required by the Karst MOU to assure that the drainage discharged from drainage treatment structures has minimal impact on karst features. Additional information on runoff treatment and protocol for long term monitoring within any drainage area of a karst feature will be developed in the design phase of the project and provided to the IDNR, IDEM and USFWS. The establishment of water quality standards and a point at which a standard is established for remediation will be a part of the monitoring plan. The results of the monitoring plan will be submitted to IDNR, USFWS, and IDEM on a regular basis.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6247	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	For Consideration	Yes	No	
0300380	47	7/13/2011	Examination of the karst areas that receive runoff from the highway will be performed to detect soil piping or opening of buried karst features during construction. Soil piping will be addressed by the contractor during the weekly erosion control inspections (or after every ½ inch of rainfall) required as part of the Rule 5 permit during construction.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6248	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	For Consideration	Yes	Yes	
0300380	48	7/13/2011	Examination of the karst areas that receive runoff from the highway will be performed to detect soil piping or opening of buried karst features following construction. Inspections following construction will be determined during the final design phase as part of the monitoring and maintenance plan per the Karst MOU. It will be INDOT's responsibility or their designated agent's responsibility to perform these inspections. Quarterly inspections and inspections after all heavy rains are recommended for the first year. Annual or bi-annual inspections are recommended after the first year.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6249	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	For Consideration	Yes	No	
0300380	49	7/13/2011	Additional measures to perpetuate and/or treat drainage in karst areas during construction, operation, and maintenance of the highway may include but are not limited to: Implementation of no-mowing and no-spraying zones, strict runoff/erosion control measures, routine maintenance and inspection of treatment/containment structures, and development of a spill response plan.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6250	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	For Consideration	Yes	No	
0300380	50	7/13/2011	FHWA, in consultation with the USFWS, must develop detailed, site-specific final mitigation plans for each mitigation site within 6 months of securing the site or within 6 months of the issuance of this BO, whichever is later. All mitigation sites must be identified and secured within 3 years of the issuance of the Tier 2 BO, including the development of mitigation plans. The mitigation plans will contain detailed descriptions for each phase of mitigation including 1) initial construction and establishment, 2) 5-year, post-construction monitoring, and 3) long-term management. The mitigation plans will include the following: quantifiable criteria and methods for assessing success of all mitigation plantings and functionality of constructed wetlands and streams, approved lists of tree/plant species to be planted, approved lists of herbicides, proposed construction schedules, annual post-construction monitoring schedules, and a long-term management/stewardship strategy.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	Yes	No	
0300380	51	7/13/2011	To ensure timeliness, the FHWA must begin construction and/or reforestation within the Section 4 Mitigation Areas either before (the most preferable option) or during the first summer reproductive season (1 April – 30 September) immediately after any I-69 related tree clearing or construction begins in Section 4 anywhere within each 2.5-mile radius maternity area. Once initiated, all Service-approved construction and tree plantings within the Section 4 Mitigation Areas must be completed within 3 calendar years.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	Yes	No	
0300380	52	7/13/2011	FHWA will provide the USFWS with a written annual report that summarizes the previous year's monitoring, conservation and mitigation accomplishments, remaining efforts, and any problems encountered within Section 4. This annual report will be completed throughout the 5-year post-construction monitoring period. The annual report for Section 4 may be a stand-alone document or included as part of the annual report required under the Tier 1 Term and Condition Number 2 (amended May 25, 2011).	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	Yes	No	
0300380	53	7/13/2011	Per the Karst MOU, the IDNR, IDEM, and USFWS will be invited to attend field checks and meetings dealing with effects to negate or minimize adverse effects to karst features. Prior to acceptance of the final design plans an agreement will be developed which will set out the appropriate and practicable measures to offset unavoidable impacts to karst features. This agreement will be signed by the Department Director of IDNR, the Commissioner of the IDEM, the Commissioner of INDOT, and the Supervisor of the USFWS Bloomington, Indiana Field Office. The agreement will become a part of the contract documents for the project, will be discussed at the pre-construction conference and will be on file at the office of the project administrator.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USEPA	Virginia	Laszewski	312-886-7501	Required	Yes	Yes	
0300380	54	7/13/2011	INDOT will assure that the terms of the agreement will be completed with all safeguards given to the karst area. Special provisions, which are binding provisions that are a part of the contract, will be included outlining the precautions to be taken. Construction and design strategies for handling karst features will be discussed with the contractor(s) and project administrator during the pre-construction conference. Erosion control standards that meet current Rule 5 requirements and any special precautions outlined in the design plans for karst feature treatment will be followed.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USEPA	Virginia	Laszewski	312-886-7501	Required	Yes	No	
0300380	55	7/13/2011	Hazardous materials traps (HMT's) will be constructed at storm water outfalls and other locations to protect karst features from spill contamination. The location and nature of the sinkholes and drainage schematic will be provided to IDEM. IDEM will provide the information to the appropriate local authorities and Hazmat teams. An emergency response plan will be made a part of the contract documents.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USEPA	Virginia	Laszewski	312-886-7501	Required	Yes	No	
0300380	56	7/13/2011	According to Step 14 of the Karst MOU, if during construction previously unknown karst features are identified and it is found that the mitigation agreement must be altered, all of the agencies will be contacted and agreement reached prior to work continuing in that specific area of the project. Mitigation for impacts to unidentified karst features will be managed in the same manner as mitigation for impacts to identified features.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USEPA	Virginia	Laszewski	312-886-7501	Required	Yes	No	
0300380	57	7/13/2011	Blasting operations on quarry property adjacent to the right-of-way will be coordinated directly with the owners/operators as a part of the right-of-way acquisition process to address any issues associated with blast zones.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	Required	Yes	No	

DESIGNATION NUMBER	COMMIT. NUMBER	COMMIT. DATE	COMMITMENT TEXT	CONSULTANT SUBMIT COMMITMENT	FIRST NAME CONSULTANT	LAST NAME CONSULTANT	CONSULTANT PHONE NUMBER	OFFICE DOCUMENTING COMMITMENT	DOCUMENTER FIRST NAME	DOCUMENTER LAST NAME	DOCUMENTER PHONE NUMBER	AGENCY REQUIRING COMMITMENT	CONTACT FIRST NAME	CONTACT LAST NAME	CONTACT PHONE NUMBER	REQUIRED OR FOR CONSIDERATION	IMPLEMENT DURING PROJ DEVELOPMENT	ATTENTION TO CONSTRUCTION	NOTES
0300380	58	7/13/2011	During final design of the South Connector Road bridge over Indian Creek, measures for bank stabilization and erosion control will be evaluated, up and downstream of the bridge, to minimize the natural channel migration.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDEM	Jason	Randolph	317-233-0467	Required	Yes	No	
0300380	59	7/13/2011	If the Indian Creek stream bank at the South Connector Road bridge appears to be eroding in the future threatens the safety of this bridge, natural stream bank stabilization measures will be used to control the stream bank erosion. These measures may include but are not limited to using vane structures to divert high shear stresses away from the bank and native revegetation, including willow staking. Other natural stream bank stabilization measures may also be used in this area in coordination with IDEM.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDEM	Jason	Randolph	317-233-0467	Required	Yes	No	
0300380	60	7/13/2011	At wildlife crossings, if box or pipe culverts are used, the bottoms should be buried a minimum of 6" (or 20% of the culvert height/pipe diameter, whichever is greater up to a maximum of 2') below the stream bed elevation. Crossings should span the entire channel width (a minimum of 1.2 times the bankfull width); maintain the natural stream substrate within the structure; have a minimum openness ratio (height x width / length) of 0.25; and have stream depth and water velocities during low-flow conditions that are approximate to those in the natural stream channel. In cases where culverts are unusually long, consider using grated culverts in order to allow for more light penetration. INDOT has also agreed that consideration will be given to using deer exclusion fencing in association with bridges during the design phase.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDEM	Jason	Randolph	317-233-0467	For Consideration	Yes	No	
0300380	61	7/13/2011	An emergency access ramp is under consideration at the north side of Burch Road. Additional review and consultation with FHWA is required including compliance with Federal-Aid Policy Guide (Non-Regulatory Supplement), Item 6. Locked Gate Access Points on the Interstate System (23 CFR 630). A final decision on an emergency access ramp will be made during the project design phase. Approval by FHWA is required.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	For Consideration	Yes	No	
0300380	62	7/13/2011	GIS shapefiles for the Refined Preferred Alternative right-of-way in Monroe County will be provided to the Monroe County Planning Department shortly after publication of the FEIS. With regards to GIS shapefiles for other mapped resources, release of this information for public use will be determined by INDOT after issuance of the Section 4, Tier 2 ROD.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	Required	Yes	No	
0300380	63	7/13/2011	David Cernul (Seg 6 at County Line Interchange) provided comments to the DEIS involving consideration for an alignment shift of 50-100 yards that would avoid removal of trees, impacts to septic systems/other utilities, and impacts to a rental property. INDOT has agreed to consider Mr. Cernul's concerns during the design phase of the project and discuss with him at that time. The entire comment can be found in the FEIS, Volume III-Part A, P. 720 (PI557-02).	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	For Consideration	Yes	No	
0300380	64	7/13/2011	Janet Rush (Seg 1) provided comments to the DEIS concerning damages to the ginseng crop. INDOT has agreed to work with Ms. Rush during the right-of-way acquisition process. The entire comment can be found in the FEIS, Volume III-Part A, P. 710 (PI539-02).	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	Required	Yes	No	
0300380	65	7/13/2011	The inclusion of spill containment, Karst MOU requirements and other species will be provided to USFWS for consideration during the development of the Section 4 Environmental Awareness Training.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	Required	Yes	No	
0300380	66	7/13/2011	INDOT will consider incorporating vegetative screening along I-69 in the vicinity of the Rolling Glen subdivision as visual screening.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	For Consideration	Yes	No	
0300380	67	7/13/2011	In several locations overpasses will be provided to maintain the connectivity of local roads. The overpasses would facilitate access to farm operations divided by I-69.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	For Consideration	Yes	No	
0300380	68	7/13/2011	All bituminous and Portland cement concrete proportioning plants and crushers will meet the requirements of IDEM. Dust collectors must also be provided on all bituminous plants. Dry, fine aggregate material removed from the dryer exhaust by the dust collector must be returned to the dryer discharge unless otherwise directed by the project engineer.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDEM	Jason	Randolph	317-233-0467	Required	Yes	No	
0300380	69	7/13/2011	Blasting will be avoided between September 15 and April 15 in areas within 0.5 mile of known Indiana bat hibernacula. All blasting in the Winter Action Area (WAA) will follow the specifications developed in consultation with the USFWS and will be conducted in a manner that will not compromise the structural integrity or alter the karst hydrology of nearby caves serving as Indiana bat hibernacula.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	Yes	Yes	
0300380	70	7/13/2011	To avoid and minimize the potential for flooding, dewatering, and/or microclimate (i.e. temperature and humidity) changes within hibernacula, site-specific efforts will be made to minimize changes in the amount, frequency, and rate of flow of roadway drainage that enters karst systems that are determined to be hydrologically connected to Indiana bat hibernacula. Where appropriate and practical special planning should be conducted to insure drainage to these recharge features is dispersed through natural vegetation and/or an engineered treatment system before entering the groundwater system. Also, special consideration, where appropriate and practicable, should be made to insure that construction does not sever these recharge features by sedimentation or impervious cover.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	Yes	No	
0300380	71	7/13/2011	To minimize adverse effects on bat habitat, tree (3 or more inches DBH) cutting will be avoided within 5 miles of a known Indiana bat hibernaculum (Winter Action Area - WAA). If unavoidable, cutting will only occur from November 16 to the following March 31. No tree cutting will occur between April 1 and November 15.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	Yes	Yes	
0300380	72	7/13/2011	Efforts have been made to limit interchanges in karst areas, thereby limiting access and discouraging secondary growth and impacts. In Tier 2, further consideration will be given to limiting the location and number of interchanges in karst areas.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	No	No	This commitment has been completed as a part of the Tier 2 studies.
0300380	73	7/13/2011	A low salt and no spray strategy will be developed in karst areas for this project. A signing strategy for these items will also be developed.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	Yes	No	
0300380	74	7/13/2011	Opportunities will be investigated to purchase at fair market value from "willing sellers", an Indiana bat hibernaculum(a) including associated autumn swarming/spring staging habitat. After purchase and implementation of all management efforts, the hibernaculum(a) and all buffered areas will be turned over to an appropriate government conservation and management agency for protection in perpetuity via conservation easements and/or deed restrictions.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	No	No	

DESIGNATION NUMBER	COMMIT. NUMBER	COMMIT. DATE	COMMITMENT TEXT	CONSULTANT SUBMIT COMMITMENT	FIRST NAME CONSULTANT	LAST NAME CONSULTANT	CONSULTANT PHONE NUMBER	OFFICE DOCUMENTING COMMITMENT	DOCUMENTER FIRST NAME	DOCUMENTER LAST NAME	DOCUMENTER PHONE NUMBER	AGENCY REQUIRING COMMITMENT	CONTACT FIRST NAME	CONTACT LAST NAME	CONTACT PHONE NUMBER	REQUIRED OR FOR CONSIDERATION	IMPLEMENT DURING PROJ DEVELOPMENT	ATTENTION TO CONSTRUCTION	NOTES
0300380	75	7/13/2011	With landowner permission, investigations will be coordinated with the USFWS on acquiring easements to erect bat-friendly angle-iron gates. These gates restrict access to the caves preventing disturbance of hibernacula, while maintaining airflow at the entrances of known hibernacula within the Action Area. Gates will be constructed according to designs from the American Cave Association. Effects of gates on water flow and flash flooding debris will be carefully evaluated before gates are installed. Other structures (e.g. perimeter fencing) or techniques (e.g. alarm systems and signs) may be used. Gates will be designed in consultation with USFWS to minimize environmental changes, bat rejection, and predator opportunities.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	Yes	No	
0300380	76	7/13/2011	All caves that have gates erected as mitigation for this project will have their temperature, humidity, and populations monitored before and for 3 years after gate installation. Infra-red video monitoring or other techniques deemed acceptable by USFWS will be conducted for a minimum of 2 nights in the appropriate season at each newly installed cave gate to ensure the bats are able to freely ingress and egress. Data acquisition will use a number of data loggers minimizing the need for entry into these caves. All precautionary measures will be taken to minimize potential impacts to hibernating Indiana bats.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	No	No	
0300380	77	7/13/2011	Any hibernaculum(a) purchased as part of conservation for Indiana bat winter habitat will include associated autumn swarming/spring staging habitat to the maximum extent practicable. Any purchase will be from a willing seller at fair market value. In addition, some parcels containing important autumn swarming/spring staging habitat may be acquired near key hibernacula regardless of whether the hibernacula are acquired themselves. Any acquired autumn swarming/spring staging habitat would be turned over to an appropriate government conservation and management agency for protection in perpetuity via conservation easements and/or deed restrictions. The purchase of forest would be included as part of the 3 to 1 mitigation.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	No	No	
0300380	78	7/13/2011	Newly discovered Indiana bat hibernacula (caves and/or mines) will be fully investigated (e.g. temperature and humidity data loggers may be installed) and surveyed by experts in the field prior to construction of the Interstate and again 1 year and 3 years post-construction. All information will be provided to the USFWS in a timely manner.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	No	No	
0300380	79	7/13/2011	Where deemed appropriate by USFWS, the following may be done: signs will be posted that warn the public and discourage cave entry at hibernacula within/near the Action Area. Signs should be placed so that they do not block air flow into the cave and do not draw attention to the entrance and attract violators. Also, light-sensitive data loggers may be placed within the caves to assess the effectiveness of warning signs at deterring unauthorized entries. Permission from the landowners must be obtained before erecting such signs and installing data loggers.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	Yes	No	
0300380	80	7/13/2011	Design and construction will adhere to the Karst MOU (dated October 13, 1993) and INDOT's Standard Specifications to reduce the impacts to karst.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	Yes	Yes	
0300380	81	7/13/2011	FHWA and INDOT will provide funding and technical assistance to support a comprehensive effort to update the Interim Reports for Warrick, Gibson, Pike, Daviess, Martin, Monroe (excluding Bloomington), Morgan, Johnson, and Marion (Perry, Decatur and Franklin Townships only) counties.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDNR DHPA	James	Glass	317-232-3492	Required	No	No	
0300380	82	7/13/2011	INDOT will provide to permitting agencies and USEPA a tracking summary on an annual basis. The summary will identify the mitigation commitments and describe the status of the activities-to-date associated with each commitment.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	Required	No	No	
0300380	83	7/13/2011	INDOT will consider the following of property lines where possible to minimize farm splits.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	For Consideration	Yes	No	
0300380	84	7/13/2011	INDOT will consider adjustment of cul-de-sac locations to avoid/minimize stream and wetland impacts.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	For Consideration	Yes	No	
0300380	85	7/13/2011	Where reasonable and cost effective, local access roads (e.g., frontage roads and road relocations) will be used to maintain accessibility for residences, farm operations, businesses, churches, schools, and other land uses. The determination of whether access roads to potentially landlocked parcels will be constructed or whether the landlocked parcels will be acquired due to the cost of providing access will be made during final design.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	For Consideration	Yes	No	
0300380	86	7/13/2011	Efforts will be made to minimize the disruption of local crossroads and bicycle facilities, and minimize impacts to school bus and emergency provider routes. The alternatives were developed that avoid closure of local roads where possible: in some locations the Interstate will overpass the county roads, while in other instances the county roads will bridge the Interstate. Whether overpasses in these areas need wider shoulders or less steep grades will be investigated during the design phase of the project.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	For Consideration	Yes	No	
0300380	87	7/13/2011	Any roads terminated at the Interstate will be provided a cul-de-sac or other means to allow large vehicles such as school buses, snow plows, or county maintenance vehicles sufficient turn around space. Appropriate signing will be placed at the nearest intersection to warn that the road does not provide for through traffic.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	Required	Yes	No	
0300380	88	7/13/2011	Efforts have been made and will continue to be made to minimize relocations.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	Required	Yes	No	
0300380	89	7/13/2011	All acquisitions and relocations required by this project will be completed in accordance with the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (Uniform Act), as amended, 49 CFR (Code of Federal Regulations) 24, and Title VI of the Civil Rights Act of 1964. INDOT will take required actions to ensure fair and equitable treatment of persons displaced as a result of this project up to and including providing replacement housing of last resort as defined in 49 CFR 24.404. Relocation resources for this project are available to residential and business relocatees without discrimination. Payments received are not considered as income under the provisions of the Internal Revenue Code of 1954; or for the purposes of determining any person's eligibility, or the extent of eligibility, for assistance under the Social Security Act or any other Federal law.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	Required	Yes	No	
0300380	90	7/13/2011	Advisory services will be made available to farms and businesses, with the aim of minimizing the economic harm to those businesses and farm establishments.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	Required	Yes	No	

DESIGNATION NUMBER	COMMIT. NUMBER	COMMIT. DATE	COMMITMENT TEXT	CONSULTANT SUBMIT COMMITMENT	FIRST NAME CONSULTANT	LAST NAME CONSULTANT	CONSULTANT PHONE NUMBER	OFFICE DOCUMENTING COMMITMENT	DOCUMENTER FIRST NAME	DOCUMENTER LAST NAME	DOCUMENTER PHONE NUMBER	AGENCY REQUIRING COMMITMENT	CONTACT FIRST NAME	CONTACT LAST NAME	CONTACT PHONE NUMBER	REQUIRED OR FOR CONSIDERATION	IMPLEMENT DURING PROJ DEVELOPMENT	ATTENTION TO CONSTRUCTION	NOTES
0300380	91	7/13/2011	The final design of the preferred alternative may include shifting the alternative both vertically and horizontally, wherever feasible, to minimize noise impacts where other factors are not prohibitive.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	For Consideration	Yes	No	
0300380	92	7/13/2011	Consideration will be made to provide reasonable and feasible noise abatement, including noise barrier walls, early in construction for the added benefit of mitigating construction noise. Construction vehicles and equipment will be required to follow INDOT Standard Specifications and shall be maintained in proper mechanical condition. Proper maintenance of construction vehicles shall be performed to assist in controlling noise.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	Required	No	No	Analysis on the preliminary design did not result in the incorporation of reasonable/feasible noise abatement measures. A final determination on noise abatement will be made during the design phase.
0300380	93	7/13/2011	Erosion control devices will be used to minimize sediment and debris from leaving the project site in runoff. Erosion control measures will be put in place as a first step in construction and maintained throughout construction.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDEM	Jason	Randolph	317-233-0467	Required	Yes	Yes	
0300380	94	7/13/2011	Wetlands adjacent to construction limits will be delineated and protected with silt fences and/or other erosion control measures.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDEM	Jason	Randolph	317-233-0467	Required	Yes	Yes	
0300380	95	7/13/2011	Timely revegetation after soil disturbance will be implemented and monitored. Revegetation will consider site specific needs for water and karst (where applicable). Revegetation of disturbed areas will occur in accordance with INDOT Standard Specifications.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDEM	Jason	Randolph	317-233-0467	Required	Yes	Yes	
0300380	96	7/13/2011	Any riprap used below the high water mark and outside of the highway clear zone will be of a large diameter in order to allow space for habitat for aquatic species after placement.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDEM	Jason	Randolph	317-233-0467	Required	Yes	Yes	
0300380	97	7/13/2011	Slopes will be designed that resist erosion. If they exceed 2 to 1, they will include stabilization techniques. The extent of artificial bank stabilization (e.g. riprap, concrete) will be minimized and bioengineering techniques will be considered where situations allow.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDEM	Jason	Randolph	317-233-0467	Required	Yes	Yes	
0300380	98	7/13/2011	Best Management Practices (BMP) will be implemented during construction to protect groundwater. To protect sources of potable water, especially in areas where groundwater from private, individual wells in the principal source of potable water; construct grassy swales to divert stormwater from the road to ditches and streams, and use construction methods to reduce turbidity that construction temporarily causes. Impacts will be mitigated on a case-by-case basis. If residential wells are encountered, they will be re-drilled as part of the right-of-way agreement with the property owner. If any identified well needs to be backfilled, that action will be performed according to 312 IAC 13-10 (see INDOT Standards & Specifications Section 202.02).	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDEM	Jason	Randolph	317-233-0467	Required	Yes	Yes	
0300380	99	7/13/2011	Fugitive dust generated during land clearing and demolition procedures will be controlled by proper techniques.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDEM	Jason	Randolph	317-233-0467	Required	Yes	No	
0300380	100	7/13/2011	Prior to construction, planning for parking and turning areas outside the construction limits but within the right-of-way for heavy equipment will be located to minimize soil erosion, tree clearing, and impacts to other identified resources (such as karst).	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDEM	Jason	Randolph	317-233-0467	Required	Yes	Yes	
0300380	101	7/13/2011	All equipment servicing and maintenance will take place in a designated maintenance area away from environmentally sensitive areas such as streambeds, wetlands, sinkholes, or areas draining into sinkholes.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDEM	Jason	Randolph	317-233-0467	Required	Yes	Yes	
0300380	102	7/13/2011	To avoid any direct take of Indiana bats, no trees with a diameter of 3 or more inches diameter at breast height (DBH) will be removed from April 1 to the following September 30, for areas not within 5 miles of a known hibernaculum (WAA).	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	Yes	Yes	
0300380	103	7/13/2011	In the median (bifurcated sections with widened medians), outside the clear zone, and considering other safety factors, tree clearing will be kept to a minimum with woods kept in as much a natural state as reasonable if it is sufficiently outside any clear zone requirements.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	Yes	Yes	No bifurcated medians are proposed.
0300380	104	7/13/2011	Forested medians will be managed following IDNR State Forest timber management plan.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	No	No	
0300380	105	7/13/2011	Woody vegetation will be incorporated into the revegetation plan where appropriate. Woody vegetation will only be used a reasonable distance beyond the clear zone to ensure a safe facility. In areas that contain water resources, low-growing shrubs will be considered for planting in the adjacent areas outside the clear zone, but within the right-of-way.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDEM	Jason	Randolph	317-233-0467	For Consideration	Yes	No	
0300380	106	7/13/2011	Revegetation of disturbed soils in the right-of-way and medians will utilize native grasses and native wildflowers as appropriate, such as those cultivated through INDOT's Roadside Heritage program.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDEM	Jason	Randolph	317-233-0467	For Consideration	Yes	No	
0300380	107	7/13/2011	A Traffic Management Plan (TMP) will be developed in design through coordination with local agencies, emergency responders and schools to ensure that appropriate access is maintained during construction with as little disturbance to emergency routes as possible.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	Required	Yes	No	
0300380	108	7/13/2011	Early notice of detour routes will be provided to the local communities.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	Required	Yes	Yes	
0300380	109	7/13/2011	Construction noise abatement measures may be required in areas where residences or other sensitive noise receivers are subjected to excessive noise from highway operations. Consideration will be given to providing reasonable and feasible noise abatement early in the construction phase to mitigate construction noise. Noise impacts could be controlled through the regulation of construction time and hours worked, using noise-controlled construction equipment, limitations of construction vehicles during evening and weekend hours and by locating equipment storage areas away from noise sensitive areas.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	For Consideration	Yes	Yes	Analysis on the preliminary design did not result in the incorporation of reasonable/feasible noise abatement measures. A final determination on noise abatement will be made during the design phase.
0300380	110	7/13/2011	Construction in a Floodway permit(s) will be applied for before or during the design phase of this project.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDNR	Christie	Stanifer	317-232-4160	Required	Yes	No	
0300380	111	7/13/2011	Construction work within floodplains will be carefully controlled to minimize impacts to stream, wetlands, and wildlife habitat.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDNR	Christie	Stanifer	317-232-4160	Required	Yes	Yes	
0300380	112	7/13/2011	The undersides of existing bridges that must be removed for construction of I-69 will be visually surveyed and/or netted to determine their use as night roosts by Indiana bats during the summer.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	No	No	
0300380	113	7/13/2011	Design and construction will adhere to the Wetland MOU (dated January 28, 1991). The primary purpose of the Wetland MOU is to fulfill water resource permitting requirements. In so doing, the Wetland MOU serves to minimize impacts to the Indiana bat by mitigating for wetland losses and creating bat foraging areas at greater ratios than that lost to the project.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	Yes	No	
0300380	114	7/13/2011	BMPs will be used in the construction of this project to minimize impacts related to borrow and waste disposal activities.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDNR	Christie	Stanifer	317-232-4160	Required	Yes	Yes	
0300380	115	7/13/2011	Solid waste generated by clearing and grubbing, demolition or other construction practices will be removed from the location and properly disposed.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDNR	Christie	Stanifer	317-232-4160	Required	Yes	Yes	

DESIGNATION NUMBER	COMMIT. NUMBER	COMMIT. DATE	COMMITMENT TEXT	CONSULTANT SUBMIT COMMITMENT	FIRST NAME CONSULTANT	LAST NAME CONSULTANT	CONSULTANT PHONE NUMBER	OFFICE DOCUMENTING COMMITMENT	DOCUMENTER FIRST NAME	DOCUMENTER LAST NAME	DOCUMENTER PHONE NUMBER	AGENCY REQUIRING COMMITMENT	CONTACT FIRST NAME	CONTACT LAST NAME	CONTACT PHONE NUMBER	REQUIRED OR FOR CONSIDERATION	IMPLEMENT DURING PROJ DEVELOPMENT	ATTENTION TO CONSTRUCTION	NOTES
0300380	116	7/13/2011	Contractors are required to follow safeguards established in INDOT's Standard Specifications (Section 203.08 Borrow or Disposal) that include obtaining required permits, and identify and avoid or mitigate impacts at borrow/disposal sites that contain wetlands or archaeological resources.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDNR	Christie	Stanifer	317-232-4160	Required	Yes	Yes	
0300380	117	7/13/2011	Special Provisions will prohibit the filling and damaging of wetlands located outside the construction limits within the right-of-way by delineating and protecting these areas from construction use and secondary construction impacts. Note that this does not include isolated ponds such as farm ponds or those developed from old borrow sites since these are exempt from regulation because they are manmade bodies of water constructed from uplands.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USACE	Deborah	Snyder	317-532-4197	Required	Yes	Yes	
0300380	118	7/13/2011	Burning of construction related debris will be monitored and will be conducted in accordance with all local, State, and Federal regulations. All burning will be conducted a reasonable distance from all homes and care will be taken to alleviate any potential atmospheric conditions that may be a hazard to the public. All burning will be monitored.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDEM	Jason	Randolph	317-233-0467	Required	No	Yes	
0300380	119	7/13/2011	All I-69 engineering supervisors, equipment operators, and other construction personnel and INDOT and/or other maintenance staff will attend a mandatory environmental awareness training that discloses where known sensitive Indiana bat and Bald Eagle sites are located in the project area, addresses any other concerns regarding Indiana bats and Bald Eagles, and presents a protocol for reporting the presence of any live, injured, or dead bats (any species) or eagles (bald or golden) observed or found within or near the construction limits or right-of-way during construction, operation, and maintenance of I-69. Should any live, injured, or dead bats or eagles be located; all work shall stop within 200 feet until further notice from the USFWS. Project personnel will also be instructed about the terms and conditions of the Incidental Take Statement and the restrictions imposed by them before construction and operation begins.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	Required	Yes	Yes	
0300380	120	7/13/2011	INDOT and FHWA will keep track of all known bald eagles killed or injured from vehicle collisions to ensure that the anticipated amount of incidental take, 3 killed/injured bald eagles during any five-year period for I-69 from Evansville to Indianapolis, is not exceeded.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	No	No	
0300380	121	7/13/2011	INDOT and FHWA will keep track of all known Indiana bats killed from vehicle collisions to ensure that the anticipated amount of incidental take, 10 killed per calendar year for I-69 from Evansville to Indianapolis, is not exceeded.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	No	No	
0300380	122	7/13/2011	Prepare a marketing plan for dissemination of the cultural and natural resources audio tour developed per the Section 106 MOA.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDNR DHPA	James	Glass	317-232-3492	Required	No	No	
0300380	123	7/13/2011	A Phase Ia archaeological survey and any other subsequent survey's will be conducted for any final right-of-way adjustments which were not covered under the original Phase Ia survey.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDNR DHPA	James	Glass	317-232-3492	Required	Yes	No	
0300380	124	7/13/2011	Prior to construction, Phase II archaeological surveys and any other subsequent survey's will be conducted for previously identified archaeological sites identified in the Section 106 MOA.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDNR DHPA	James	Glass	317-232-3492	Required	Yes	No	
0300380	125	7/13/2011	FHWA and INDOT will assist the SHPO to develop its GIS capability to facilitate Tier 2 consultation and to support historic preservation reviews for other transportation projects in southwest Indiana.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDNR DHPA	James	Glass	317-232-3492	Required	No	No	
0300380	126	7/13/2011	FHWA and INDOT will provide financial and technical assistance to the SHPO for the further development of GIS-based tools for identifying and recording archaeological sites.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDNR DHPA	James	Glass	317-232-3492	Required	No	No	
0300380	127	7/13/2011	Appropriate cleanup of hazardous materials and/or removal of underground storage tanks (USTs) and aboveground storage tanks (ASTs) may be required if a contaminated site is purchased. INDOT will coordinate with the appropriate agencies and property owners to see that proper cleanup of any contaminated sites are completed. All tanks will be removed in accordance with applicable state and federal laws and regulations. As part of the removal of the USTs, an impact assessment consisting of soil and/or groundwater testing will be performed.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDEM	Jason	Randolph	317-233-0467	Required	Yes	No	
0300380	128	7/13/2011	Where construction would require the removal/relocation of buried fuel (oil, natural gas, and diesel) pipelines, coordination will occur with pipeline owners, per INDOT's Standard Specifications. Also, stipulations in the Standard Specifications will be followed to ensure safe removal/relocation of the pipelines and associated appurtenances, and appropriate remediation of soils and groundwater impacts, should such be necessary. In addition, the procedure will include advance notification of IDEM regarding the potential for contamination of groundwater and need for remediation.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDEM	Jason	Randolph	317-233-0467	Required	Yes	Yes	
0300380	129	7/13/2011	INDOT will be responsible for proper closing of any improperly abandoned well discovered during construction within the project right-of-way, according to INDOT Standard Operating Procedures for closing wells that are to be abandoned. In addition, the procedure will include advance notification of IDEM regarding the potential for contamination of groundwater and need for remediation. The IDNR shall be contacted to ensure any located abandoned wells are properly capped.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDEM	Jason	Randolph	317-233-0467	Required	Yes	Yes	
0300380	130	7/13/2011	Wetlands determined to be "waters of the U.S." will be replaced in accordance with the MOU between INDOT, USFWS, and IDNR as dated January 28, 1991, or any successor agreement entered into by these agencies. While not signatory to the agreement, USACE typically follows the mitigation ratios within the MOU. Under the 1991 MOU, wetlands would be mitigated as follows: Farmed 1 to 1 ; Scrub/shrub and palustrine/lacustrine emergent 2 - 3 to 1 depending upon quality ; Bottomland hardwood forest 3 - 4 to 1 depending upon quality ; Exceptional, unique, critical (i.e. cypress swamps) - 4 and above to 1 depending upon quality. As required for Section 404/401 permitting, Wetland Mitigation and Monitoring Plans will be prepared.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USACE	Deborah	Snyder	317-532-4197	Required	No	No	
0300380	131	7/13/2011	If appropriate, wetland mitigation may include wetland banking. Wetland banking is an effort to build a large wetland mitigation site(s) to mitigate for a number of smaller impacts from potentially a number of projects typically in the same watershed. This typically results in a much more functional and valuable replacement wetland.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USACE	Deborah	Snyder	317-532-4197	Required	No	No	
0300380	132	7/13/2011	All 404/401 permit requirements shall be implemented in design and construction. Construction limits in final design shall remain within the construction limits outlined in the 404/401 permits and applications. Any locations where construction limits extend outside the permitted construction limits, and may result in additional impacts to wetlands or streams, shall be evaluated to ensure permit requirements are met.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USACE	Deborah	Snyder	317-532-4197	Required	No	No	

DESIGNATION NUMBER	COMMIT. NUMBER	COMMIT. DATE	COMMITMENT TEXT	CONSULTANT SUBMIT COMMITMENT	FIRST NAME CONSULTANT	LAST NAME CONSULTANT	CONSULTANT PHONE NUMBER	OFFICE DOCUMENTING COMMITMENT	DOCUMENTER FIRST NAME	DOCUMENTER LAST NAME	DOCUMENTER PHONE NUMBER	AGENCY REQUIRING COMMITMENT	CONTACT FIRST NAME	CONTACT LAST NAME	CONTACT PHONE NUMBER	REQUIRED OR FOR CONSIDERATION	IMPLEMENT DURING PROJ DEVELOPMENT	ATTENTION TO CONSTRUCTION	NOTES
0300380	133	7/13/2011	Where woody vegetation, wetlands, wildflowers, karst, water bodies, riparian habitat, or environmentally sensitive areas occur outside the construction limits but within the right-of-way; permanent "Do Not Mow or Spray" signs will be posted to alert construction and maintenance staff. This will assist in prevention of disturbance, clearing, and/or herbicide treatment both during and after construction.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	Required	Yes	Yes	
0300380	134	7/13/2011	Tree clearing and snag removal will be kept to a minimum and limited to within the construction limits and calendar requirements. Minimize tree clearing and snag removal near streams and rivers. [Note: Providing approximately 20 feet of cleared space around a bridge would be permitted to allow sufficient room for bridge maintenance and inspection.] Environmentally sensitive locations (e.g., wetlands, historic structures, archaeology sites, sinkholes) in the general area will be clearly shown on construction plans. Sites outside the construction limits within the right-of-way will be delineated. These sites will not be permitted for use as staging areas, borrow, or waste sites. (Note: due to sensitive nature of the resource, archaeological sites shall be labeled strictly as avoidance areas with no reference to archaeology.) Post "DO NOT DISTURB" signs at the construction zone boundaries prior to and during construction to prevent disturbance to these areas.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	Required	Yes	Yes	
0300380	135	7/13/2011	Where reasonable, the preferred alternative follows existing property lines and minimizes dividing or splitting of large tracts of farmland to reduce the creation of point rows and uneconomic remnants. This will continue to be incorporated into final right-of-way development.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	NRCS	Jane	Hardisty	317-290-3200	For Consideration	Yes	No	
0300380	136	7/13/2011	Many farm parcels that would have lost access as a result of the project will be provided access via new roads as features of the project.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	NRCS	Jane	Hardisty	317-290-3200	For Consideration	Yes	No	
0300380	137	7/13/2011	Where providing access to farm parcels was not deemed reasonable from an economic standpoint (i.e., it would cost more to provide new access than to acquire the property), the disposition of landlocked parcels and uneconomic remnants will be addressed during final design and right-of-way acquisition. The NRCS has been contacted and appropriate analyses has been conducted in accordance with the Farmland Protection Policy Act. Coordination will continue with the NRCS to determine the feasibility of participating in the Farm and Ranch Lands Protection Program (formerly known as the Farmland Protection Program).	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	For Consideration	Yes	No	
0300380	138	7/13/2011	INDOT and FHWA will incorporate local and regional farmland protection strategies into the I-69 Community Planning Program.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	NRCS	Jane	Hardisty	317-290-3200	For Consideration	Yes	No	
0300380	139	7/13/2011	Upland forest impacts will be mitigated at a ratio of 3 to 1 for the I-69 Evansville to Indianapolis project as a whole, through the preservation and/or replacement of forested lands within Southwest Indiana. Mitigation goals are to replace direct forest impacts at a 1 to 1 ratio and provide an additional 2 to 1 ratio of forest preservation. All forest mitigation lands will be protected in perpetuity by conservation easements and/or deed restrictions. It is anticipated that all of the mitigation for forest impacts caused by each I-69 Section will be located within the Study Area for each Section. However, forest mitigation is being developed on a project-wide basis, and may include large tracts that serve as mitigation for multiple Tier 2 sections. The 3 to 1 mitigation ratio may not necessarily be provided within each Tier 2 section; however, the total mitigation for all forest impacts will be 3 to 1.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDNR	Christie	Stanifer	317-232-4160	Required	No	No	
0300380	141	7/13/2011	INDOT will consult with appropriate resource agencies regarding forest mitigation measures. Potential forest mitigation sites are identified in the Revised Tier 1 Conceptual Forest and Wetlands Mitigation and Enhancement Plan. The plan provides a list of possible replacement sites.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDNR	Christie	Stanifer	317-232-4160	Required	No	No	
0300380	142	7/13/2011	Riparian impacts were calculated by identifying plant communities within 100 feet of a stream. If these riparian forests are identified as wetland forests, the impacts will be mitigated according to the Wetland MOU. If the riparian forests are identified as non-wetland forests in a floodway, impacts will be mitigated according to IDNR ratios: 2 to 1 replanting or 10 to 1 preservation. Impacts to non-wetland riparian areas that are not in a floodway will be mitigated in consultation with IDEM and USACE. All nonwetland riparian forest replacement will be included as part of the 3 to 1 upland forest mitigation.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USACE	Deborah	Snyder	317-532-4197	Required	No	No	
0300380	143	7/13/2011	The realignment of surface streams or impacts to riffle-pool complexes and natural stream geomorphology will be avoided where reasonable. Stream impacts have been minimized through alignment planning and unavoidable relocations will be mitigated.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDNR	Christie	Stanifer	317-232-4160	Required	Yes	No	
0300380	144	7/13/2011	Where reasonable, below-water work will be restricted to placement of piers, pilings and/or footings, shaping of spill slopes around the bridge abutments, and placement of riprap. Any in-stream construction timing restrictions will be addressed during permitting.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USACE	Deborah	Snyder	317-532-4197	Required	Yes	No	
0300380	145	7/13/2011	If riprap is utilized for bank stabilization, it shall be of appropriate size and extend below the low-water elevation to provide for aquatic habitat.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDNR	Christie	Stanifer	317-232-4160	Required	Yes	No	
0300380	146	7/13/2011	Where reasonable, channel work and vegetation clearing shall be restricted to within the width of the normal approach road right-of-way.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USACE	Deborah	Snyder	317-532-4197	Required	Yes	Yes	
0300380	147	7/13/2011	Culverts and other devices will be placed so that they do not preclude the movement of fish and other aquatic organisms.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDNR	Christie	Stanifer	317-232-4160	Required	Yes	No	
0300380	148	7/13/2011	Culverts and other devices will be used to preserve existing drainage patterns.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDEM	Jason	Randolph	317-233-0467	Required	Yes	No	
0300380	149	7/13/2011	Consideration will be given to oversized culverts to allow for the passage of small fauna at locations where it is determined to be appropriate and reasonable, and natural bottoms will be preserved when feasible, thereby also reducing impacts to flow rate. The culverts should be of sufficient size to prevent upstream bed instability and erosion of downstream banks.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDEM	Jason	Randolph	317-233-0467	Required	Yes	No	
0300380	150	7/13/2011	Erosion control devices such as jute matting or other erosion control blankets, grading, seeding and sodding shall be used to minimize sediment and debris in tributaries crossed by the project.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDEM	Jason	Randolph	317-233-0467	Required	Yes	Yes	
0300380	151	7/13/2011	In mitigation sites and within the proposed right-of-way for I-69, INDOT will use appropriate herbicides and/or physical mechanisms to control invasive plants, such as purple loosestrife, reed canary grass, kudzu, Japanese knotweed and others.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDNR	Christie	Stanifer	317-232-4160	Required	Yes	Yes	

DESIGNATION NUMBER	COMMIT. NUMBER	COMMIT. DATE	COMMITMENT TEXT	CONSULTANT SUBMIT COMMITMENT	FIRST NAME CONSULTANT	LAST NAME CONSULTANT	CONSULTANT PHONE NUMBER	OFFICE DOCUMENTING COMMITMENT	DOCUMENTER FIRST NAME	DOCUMENTER LAST NAME	DOCUMENTER PHONE NUMBER	AGENCY REQUIRING COMMITMENT	CONTACT FIRST NAME	CONTACT LAST NAME	CONTACT PHONE NUMBER	REQUIRED OR FOR CONSIDERATION	IMPLEMENT DURING PROJ DEVELOPMENT	ATTENTION TO CONSTRUCTION	NOTES
0300380	152	7/13/2011	Coordination with the USFWS will continue pursuant to the Migratory Bird Treaty Act of 1918.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	No	No	Per coordination with the USFWS, no additional permits from the USFWS are required in regards to the Migratory Bird Treaty Act.
0300380	153	7/13/2011	Mitigation measures for impacts on wildlife movements and populations to be considered in final design may include, but are not limited to: Barrier fencing (large species); All wildlife crossing types will be determined and designed considering size, placement, substrate, vegetative cover, moisture, temperature, light, and human disturbance; Roadway warning signs and flashers; and Planting unpalatable species near roadway to reduce likelihood of wildlife attraction.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	For Consideration	Yes	No	
0300380	154	7/13/2011	Where reasonable, the preferred alternative will cross rivers and streams at their narrowest floodway width, and reduce the number of stream relocations and floodplain encroachments.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDNR	Christie	Stanifer	317-232-4160	Required	Yes	No	
0300380	155	7/13/2011	Floodplain bridging has been incorporated at multiple locations to reduce floodplain impacts. Where backwater exceeds the specified limits identified in the Flood Control Act, flood easements will be secured to address the potential effects. All structures are being designed to meet FHWA allowable backwater limits.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDNR	Christie	Stanifer	317-232-4160	Required	Yes	No	
0300380	156	7/13/2011	Return disturbed in-stream habitats to their original condition, when possible, upon completion of construction in the area.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDNR	Christie	Stanifer	317-232-4160	Required	Yes	Yes	
0300380	157	7/13/2011	Where appropriate, especially in karst areas, construct roadside ditches that are grass-lined and connected to filter strips and containment basins.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDNR	Christie	Stanifer	317-232-4160	Required	Yes	No	
0300380	158	7/13/2011	Make every effort to minimize the amount of salt used on the bridges and roads. Use alternative substances or low salt (e.g., sand) as much as possible.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDEM	Jason	Randolph	317-233-0467	Required	No	No	
0300380	159	7/13/2011	Where reasonable and appropriate, floodplains and oxbows will be bridged to protect environmentally sensitive areas.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	For Consideration	Yes	No	
0300380	160	7/13/2011	Efforts will be made to locate Interstate alignments so they avoid transecting forested areas and fragmenting core forest where reasonable.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	For Consideration	Yes	No	This commitment has been completed as a part of the Tier 2 studies.
0300380	161	7/13/2011	In areas with suitable summer habitat for the Indiana bat, mist net surveys will be conducted between May 15 and August 15 at locations determined in consultation with USFWS as part of Tier 2 studies. If Indiana bats are captured, some will be fitted with radio transmitters and tracked to their diurnal roosts for at least 5 days unless otherwise determined by USFWS.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	No	No	This commitment has been completed as a part of the Tier 2 studies.
0300380	162	7/13/2011	The undersides of existing bridges that must be removed for construction of I-69 were visually surveyed and/or netted to determine their use as night roosts by Indiana bats during the summer.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	No	No	This commitment has been completed as a part of the Tier 2 studies.
0300380	163	7/13/2011	If feasible and appropriate, I-69 and frontage road bridges (including the Patoka River and East Fork of the White River bridges) will be designed to provide suitable night roosts for Indiana bats and other bat species in consultation with USFWS.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	For Consideration	No	No	
0300380	164	7/13/2011	Where feasible and appropriate, bridges will be designed with none or a minimum number of in-span drains. To the extent possible, the water flow will be directed towards the ends of the bridge and to the riprap drainage turnouts. Indiana bat summer habitat will be created and enhanced in the Action Area through wetland and forest mitigation focused on riparian corridors and existing forest blocks for habitat connectivity. In selecting sites for summer habitat creation and enhancement, priority will be given to sites located within a 2.5-mile radius from a recorded capture site or roost tree. If willing sellers cannot be found within these areas, other areas may be used as second choice areas as long as they are within the Action Area and close enough to benefit the maternity colonies, or are outside the Action Area but accepted by USFWS.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDEM	Jason	Randolph	317-233-0467	Required	Yes	No	
0300380	165	7/13/2011	Where appropriate, mitigation sites will be planted with a mixture of native trees that is largely comprised of species that have been identified as having relatively high value as potential Indiana bat roost trees.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USACE	Deborah	Snyder	317-532-4197	Required	No	No	
0300380	166	7/13/2011	Tree plantings at mitigation sites will be monitored for a minimum of five years after planting to ensure establishment and will be protected in perpetuity via conservation easements and/or deed restrictions. Some mitigation sites will be monitored for a minimum of 10 years, as specified in the mitigation and monitoring plans for each site.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	No	No	
0300380	167	7/13/2011	Investigations will be coordinated with the USFWS on purchasing lands in the Action Area from "willing sellers" to preserve summer habitat. Any acquired summer habitat area would be turned over to an appropriate government conservation and management agency for protection in perpetuity via conservation easements and/or deed restrictions in coordination with USFWS.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	No	No	
0300380	168	7/13/2011	A work plan for surveying, monitoring, and reporting of bats will be developed and conducted in consultation with and approved by USFWS. This mist netting effort will be beyond the Tier 2 sampling requirements. Fifty mist netting sampling sites are anticipated. Monitoring surveys focused at each of the 13 known maternity colonies will be completed the summer before construction begins in a given section and will continue each subsequent summer during the construction phase and for at least five summers after construction. If Indiana bats are captured, radio transmitters will be used in an attempt to locate roost trees, and multiple emergence counts will be made at each located roost tree. These monitoring efforts will be documented and summarized within an annual report prepared for USFWS.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	Yes	No	
0300380	169	7/13/2011	Total funding of \$25,000 will be provided for the creation of an educational poster or exhibit and/or other educational outreach media to inform the public about the presence and protection of bats in Indiana, particularly the Indiana bat. Funding would be provided after a Notice to Proceed is issued for the first section of the project.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	No	No	
0300380	170	7/13/2011	GIS maps and databases developed and compiled for use in proposed I-69 planning will be made available to the public. Digital data and on-line maps are being made available from a server accessed on the Indiana Geological Survey (IGS) website at IU http://igs.indiana.edu/arcims/statewide/index.html . Confidential information is not being made available to the public.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	Required	No	No	
0300380	171	7/13/2011	FHWA and INDOT intend to comply, as appropriate, with the Bald and Golden Eagle Protection Act permit requirements established by FWS prior to construction. This includes the completion/incorporation of the previously developed Section 7 Consultation Conservation Measures associated with the bald eagle.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	No	No	
0300380	172	7/13/2011	In coordination with USFWS, an herbicide use plan will be developed for locations within the Indiana bat maternity colony areas.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	Yes	No	

DESIGNATION NUMBER	COMMIT. NUMBER	COMMIT. DATE	COMMITMENT TEXT	CONSULTANT SUBMIT COMMITMENT	FIRST NAME CONSULTANT	LAST NAME CONSULTANT	CONSULTANT PHONE NUMBER	OFFICE DOCUMENTING COMMITMENT	DOCUMENTER FIRST NAME	DOCUMENTER LAST NAME	DOCUMENTER PHONE NUMBER	AGENCY REQUIRING COMMITMENT	CONTACT FIRST NAME	CONTACT LAST NAME	CONTACT PHONE NUMBER	REQUIRED OR FOR CONSIDERATION	IMPLEMENT DURING PROJ DEVELOPMENT	ATTENTION TO CONSTRUCTION	NOTES
0300380	174	7/13/2011	INDOT will consult IDNR to determine appropriate measures during tree clearing to address concerns about the emerald ash borer. Contractors shall comply with the requirements of 312 IAC 18-3-18 in regards to handling and transportation of cleared trees to prevent the spread of the emerald ash borer.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDNR	Christie	Stanifer	317-232-4160	Required	Yes	Yes	
0300380	175	7/13/2011	Indiana Bat, Bald Eagle, and Fanshell Mussel conservation measures, mitigation efforts, and monitoring that have been initiated, are on-going, or completed during the previous calendar year and the current status of those yet to be completed. The report will be submitted to the Service's Bloomington Field Office (BFO) by 31 January each year and reporting will continue until completion of monitoring on all I-69 mitigation sites or until otherwise agreed to with the Service.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	No	No	
0300380	176	7/13/2011	INDOT and FHWA will develop a program that establishes a regional strategy for managing growth and economic development associated with I-69.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	INDOT OES	Laura	Hilden	317-232-5018	Required	No	No	This commitment has been addressed through the Community Planning Grant Program. A total of 14 counties and 17 communities were eligible for planning grants. The majority of which have utilized the funds for development of comprehensive plans or other planning documents.
0300380	177	7/13/2011	Efforts will be made to locate Interstate alignments beyond 0.5 miles from known Indiana bat hibernacula.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	No	No	Addressed during Tier 2 studies. All alternatives have been located greater than 0.5 mile from any of the 14 known hibernacula.
0300380	178	7/13/2011	A plan for hibernacula surveys (caves and/or mines) will be developed and conducted with and approved by USFWS during Tier 2 studies.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	No	No	Plan was completed with USFWS and fieldwork has been completed in 2004-2005. Three new Indiana bat hibernacula were identified as a result of these surveys.
0300380	179	7/13/2011	Variable-width medians and independent alignments will be used where appropriate to minimize impacts to sensitive and/or significant habitats. Context sensitive solutions will be used, where possible. This may involve vertical and horizontal shifts in the Interstate.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	Yes	No	
0300380	180	7/13/2011	Total funding of \$50,000 will be provided to supplement the biennial winter census of hibernacula within/near the proposed Winter Action Area. Funding will be made available as soon as practical after Notice to Proceed given to construction contractor for the applicable Tier 2 Section.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	No	No	
0300380	181	7/13/2011	Total funding of \$125,000 will be provided for research on the relationship between quality autumn/spring habitat near hibernacula and hibernacula use within/near the Action Area. This research should include methods attempting to track bats at longer distances such as aerial telemetry or a sufficient ground workforce. A research work plan will be developed in consultation with the USFWS. Funding will be made available as soon as practical after Notice to Proceed given to the construction contractor for the applicable Tier 2 Section (or earlier).	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	No	No	
0300380	182	7/13/2011	Rest areas will be designed with displays to educate the public on the presence and protection of sensitive species and habitats. Attractive displays near picnic areas and buildings will serve to raise public awareness as they utilize the Interstate. Information on the life history of the Indiana bat, the Bald Eagle, the Fanshell Mussel, protecting karst, and protecting water quality will be included in such displays.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	Yes	No	
0300380	183	7/13/2011	INDOT will closely coordinate with IDNR biologists regarding the locations of Bald Eagle nests near and within the Action Area. Alignments will be shifted away from Bald Eagle nests when feasible.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	Yes	No	
0300380	184	7/13/2011	Standard operating procedures will be employed to remove carrion from the Interstate in a timely manner to reduce the potential for vehicle/eagle collisions. Appropriate INDOT Maintenance Units in Districts where proposed I-69 crosses or comes near to the Patoka River, East Fork of the White River, and West Fork of the White River will be given notice for special attention to this measure, especially in winter.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	No	No	
0300380	185	7/13/2011	Where feasible and appropriate, a vegetative screen (i.e., trees) will be maintained within INDOT owned R/W between any nearby Bald Eagle nests and the Interstate to minimize visual and auditory disturbances during and after construction.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	For Consideration	Yes	No	
0300380	186	7/13/2011	In regards to Bald Eagle habitat restoration/replacement, wetland and forested mitigation sites will be considered in areas near the Patoka River bottoms, Beanblossom Bottoms, East Fork of the White River, White River (Elnora), White River (Gosport), White River (Blue Bluff), and possibly others. Purchasing of lands for habitat preservation shall be considered within the Patoka River bottoms, East Fork of the White River, and Lake Monroe. Any acquired habitat would be turned over to the appropriate government conservation and management agency for protection in perpetuity via conservation easements and/or deed restrictions.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	For Consideration	No	No	
0300380	187	7/13/2011	In regards to Bald Eagle habitat restoration/replacement, where tree planting is part of forest mitigation near large water bodies and rivers, native tree species that form large, open-branched crowns (e.g. Eastern Cottonwood and Sycamore) will be included in the species mix.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	Yes	No	
0300380	188	7/13/2011	Mitigation sites will be evaluated for inclusion of Bald Eagle nesting platforms and artificial perch sites.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	For Consideration	No	No	
0300380	189	7/13/2011	Total funding of \$25,000 will be provided for the creation of an educational pamphlet and/or other educational materials to inform the public about the recovery, presence, and protection of bald eagles, including measures to reduce harm, harassment risks, and water quality.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	No	No	
0300380	190	7/13/2011	Surveys (e.g., braille, crowfoot bar, and/or scuba diving) will be conducted in consultation with the USFWS at all major river crossings along the corridor to determine the presence of mussels.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	Yes	No	Addressed through completion of surveys at the East Fork of the White River and the Patoka River crossings.
0300380	191	7/13/2011	If stream crossings cannot be realigned to avoid a mussel bed(s), adverse affects will be minimized by relocating mussels following all appropriate federal and state guidelines.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	Yes	No	Addressed through completion of surveys at the East Fork of the White River and the Patoka River crossings. No mussel beds were located.
0300380	192	7/13/2011	Heavy equipment that had previously (within the last two weeks) been utilized in waters infested by zebra mussels will be thoroughly cleaned and left to dry for at least 2 weeks prior to use in proposed I-69 construction to prevent the spread of this invasive species.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	Yes	Yes	

DESIGNATION NUMBER	COMMIT. NUMBER	COMMIT. DATE	COMMITMENT TEXT	CONSULTANT SUBMIT COMMITMENT	FIRST NAME CONSULTANT	LAST NAME CONSULTANT	CONSULTANT PHONE NUMBER	OFFICE DOCUMENTING COMMITMENT	DOCUMENTER FIRST NAME	DOCUMENTER LAST NAME	DOCUMENTER PHONE NUMBER	AGENCY REQUIRING COMMITMENT	CONTACT FIRST NAME	CONTACT LAST NAME	CONTACT PHONE NUMBER	REQUIRED OR FOR CONSIDERATION	IMPLEMENT DURING PROJ DEVELOPMENT	ATTENTION TO CONSTRUCTION	NOTES
0300380	193	7/13/2011	In regards to Fanshell Mussel habitat restoration/replacement, where reasonable, wetland mitigation will be completed adjacent to the Patoka River, East Fork of the White River, White River (Gosport), and possibly other river areas. Plans will include planting trees to enhance the riparian buffer and restore wetlands to create habitat and protect water quality. Such measures would enhance the opportunity for mussels to colonize the area by improved water quality conditions. All mitigation land would be protected in perpetuity via conservation easements and/or deed restrictions.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	For Consideration	No	No	
0300380	194	7/13/2011	Total funding of \$20,000 will be provided to the USFWS for research on federally listed mussel populations in streams in the Ohio River Valley to be used for the project entitled "Culture and propagation of imperiled mussel species in the Ohio River drainage." Federally listed species selected for propagation include the pink mucket, orange-footed pimpleback, ring pink, fanshell, fat pocketbook, and rough pigtoe.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	No	No	
0300380	195	7/13/2011	Total funding of \$25,000 will be provided for the creation of an educational pamphlet and/or other educational materials to inform the public about the occurrence and protection of the eastern fanshell in Indiana, including measures to minimize harm, and water quality issues.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USFWS	Robin	McWilliams-Munson	812-334-4261	Required	No	No	
0300380	196	7/13/2011	No work shall be performed within a jurisdictional stream from April 1 through June 30 without prior written approval of the IDNR Division of Fish and Wildlife.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	IDNR	Christie	Stanifer	317-232-4160	Required	Yes	Yes	
0300380	197	7/13/2011	Baseline water quality sampling for karst features prior to construction will be conducted as part of the Karst MOU.	Bernardin, Lochmueller & Associates	Jason	DuPont	812-479-6200	INDOT OES	Laura	Hilden	317-232-5018	USEPA	Virginia	Laszewski	312-886-7501	Required	Yes	No	