-BO only addresses foraging and commuting habitat. Biological Assessment may still be required to address potential roosting habitat. Call made by KYTC biologist in accordance with the Habitat Assessment Manual (2018).

-Effects determination of “may affect, not likely to adversely affect” as long as no take is requested for bridge demolition.

-Commitment made by KYTC to purchase and preserve a maternity gray bat cave as a Conservation Measure

**Applies to gray bats specifically**

**Applies to Both Species**

**Applies to Indiana bats specifically**

-Starts with tiered Habitat Assessment process laid out in the Habitat Assessment Manual (2018) performed by biologist. More information on this process is in the Programmatic Biological Assessment on the Effects of Transportation Projects in Kentucky on the Federally Endangered Indiana bat and gray bat (2020) Appendix B, which is attached to this User Guide.

- Best Management Practices implemented at all stream crossings as per Programmatic Biological Assessment on the Effects of Transportation Projects in Kentucky on the Federally Endangered Indiana bat and gray bat (2020) Appendix C, which is attached to this User Guide.

-All bridges and culverts (over 3 feet diameter) that are being impacted by proposed project assessed for potential use as a roost, documentation required. Follow the 4-step process attached to User Guide.

-Monthly ledger sent to USFWS-FFO reports all projects let and how both bat species were addressed.

-Option available to pay into the IBCF for take of bats using bridges, take reported on monthly ledger sent to USFWS. Limitations exist on when and how the take is to be used. Limit of 130 bridges over 5 years.

-BO only addresses summer roosting, foraging and commuting habitat. Biological Assessment may still be required to address potential swarming and winter habitat. Call made by KYTC biologist in accordance with the Habitat Assessment Manual (2018).

-Allows for presence/absence surveys for projects in certain parts of the state (based on known habitat type) in accordance with the most recent Summer Survey Guidance provided by the Service.

-No tree clearing from June 1st - July 31st for entire state unless project-specific coordination with USFWS-FFO occurs prior to trees being removed, or a presence/absence survey was performed and no Indiana bats were captured.

-Site specific evaluation for projects that clear more than **250** acres of trees or more, or has impacts within 0.5 mile of known hibernacula or impacts a known maternity roost tree.

-Effects determination of “may affect, likely to adversely affect” when using the programmatic process to request take.