



Bat Habitat Assessment Form

NCDOT Culverts

Observers: _____ TIP or DOT project number: _____
 Date: _____ Road Name/SR Number: _____
 County: _____
 Waterbody/Other crossing: _____

% Surrounding habitat w/in 1 mi. of project footprint (approx)

Urban/commercial _____	Suburban/residential _____
Herb/Shrub/Grassland _____	Agricultural _____
Deciduous/Evergreen/Mixed Forest _____	
Woody Wetland/Herb Wetland/Open Water _____	

Any trees >3" DBH within project footprint? N/A yes no

Complete this section for Indiana bat counties (Cherokee, Clay, Graham, Haywood, Jackson, Macon, Rutherford, Swain)

Any shaggy trees or snags >5" DBH? N/A yes no

If yes to shag/snag, how much sunlight do they receive during the day? N/A 1-3 hours 4-6 hours 7+ hours

If yes to shag/snag, list spp of habitat trees >5" dbh _____

If snags >5" DBH are present in sunlit areas, provide photos and location.

If large hollow trees are present, provide photos and location.

Presence of:	In project footprint		In vicinity (0.5 mi)	
caves	yes	no	yes	no
abandoned mines	yes	no	yes	no

If 'yes' to any of the above, provide description and location.

Major water source in project footprint: N/A river stream/creek pond lake swamp

Suitable drinking habitat in the form of non stagnant, smooth or slack water areas? yes no N/A

Structure specific questions:

Guard rails	none	concrete	timber	metal
Culvert material	concrete	timber	metal	
Number of barrels: _____	(double, triple, etc.)			
Culvert height: _____	Culvert width: _____		Culvert length: _____	
Culvert type	pipe	box	arch	other _____
Openings protected from high winds	yes	no		
Crevice present:	yes	no		
Rough surfaces, imperfections, bird nests	yes	no		
Human disturbance in culvert	high	med	low	none
Depth of water in culvert (if applicable) _____				

Below section completed only if bats/evidence of bats observed:

Emergence count performed? (If yes, complete form) yes no

Evidence of bats using bird nests, if present? yes no

Evidence of bats using culvert? (photos) yes no

Bat species present:

Notes (include description of bat location within culvert, excessive sedimentation buildup, drainage inlets inside culvert, etc.):