

Bridge Surveys for Bat Use

Bridge Information

Bridge ID		Date:	Observer:	Road Type: 4-lane interstate 2-lane interstate 1-lane paved 2-lane unpaved 1-lane unpaved		Bridge Type: culvert decked
County	Latitude	Longitude	Elevation (ft)	Feature Crossed: road flowing water standing water railroad other		Ideal Crevices? No Abutment Parallel Central Expansion
Percentage of Surrounding Habitat (top 4) Conifer forest ____ Deciduous Forest ____ Agriculture ____ Residential ____ Riparian ____ Grasslands ____ Wetland ____				Span Material: Concrete Steel Wood		Decking Material: Concrete Steel Wood
Start Time:		End Time:	Weather: Clear Overcast Partly Cloudy Rain		Wind	
General Comments:						
Mark for return visit? Yes/No						

Roost Information

Roost #	Roost Type	Roost Feature	# Bats in Roost	Night Roost Classification	Species (Ex. 1 x MYLU @ 17C)
1	No Night Day Maternity	Crevice Depth < 4" >4" Open Other _____		0 1 2 3 4	
2	No Night Day Maternity	Crevice Depth < 4" >4" Open Other _____		0 1 2 3 4	
3	No Night Day Maternity	Crevice Depth < 4" >4" Open Other _____		0 1 2 3 4	
4	No Night Day Maternity	Crevice Depth < 4" >4" Open Other _____		0 1 2 3 4	
5	No Night Day Maternity	Crevice Depth < 4" >4" Open Other _____		0 1 2 3 4	
6	No Night Day Maternity	Crevice Depth < 4" >4" Open Other _____		0 1 2 3 4	
7	No Night Day Maternity	Crevice Depth < 4" >4" Open Other _____		0 1 2 3 4	

Sketch of Photographed Roost Locations

*Side View

**Bottom View

*Include height of roost (side) and width (bottom) and photo locations. Label sides for orientation between views.

**Shade areas with droppings, circle (with number) locations of bat roosts

	<u>Cliff Swallow</u>				<u>Barn Swallow</u>				<u>Rock Pigeon (Y/N)</u>
# Active Nests	<5	5-10	10-20	>20	<5	5-10	10-20	>20	

Other Notes (e.g., incidental species):

Night Use Index



Rating	Level of Usage Index
0	No sign of droppings or urine stains.
1	Small amount of such signs in only one location.
2	Small urine stains and/or scattered droppings in several locations
3	Large dropping accumulations and/or urine stains obvious and widespread. 
4	Dropping accumulations several inches thick in several locations. Roosting evident throughout structure. Fresh urine stains in all optimal locations. 

Table 2. The qualification of varying levels of use for night roosts.