



Habitat Acreage Cost Calculator for Use of the Imperiled Bat CMOA (January 2018)

USFWS KFO-determined price per acre: \$ 3,420.00

Project Number: 7-224 (utility relocation) **County:** Fayette **Road:** Clays Mill Road

TOTAL PROGRAMMATIC IBCMOA COST (Figure is an estimate. Final cost may vary due to future changes in acreage price.) \$ 4,617.00

Table from Appendix B of the April 2015 USFWS-KFO Conservation Strategy for Forest Dwelling Bats in the Commonwealth of Kentucky	# of Acres (lower constant)	# of Acres (higher constant)	NOV 15 - MAR 31		# of Acres (lower constant)	# of Acres (higher constant)	APR 1 - AUG 15 swarming unoccupied potential occupied maternity occupied	Project Cost Per Acreage Type between APR 1 - AUG 15 if using higher constant*	# of Acres (lower constant)	# of Acres (higher constant)	AUG 16 - OCT 14		# of Acres (lower constant)	# of Acres (higher constant)	OCT 15 - NOV 14	
			all habitats unoccupied	Project Cost Per Acreage Type between NOV 15 - MAR 31							Swarming occupied potential occupied maternity unoccupied	Project Cost Per Acreage Type between AUG 16 - OCT 14			swarming occupied potential unoccupied maternity unoccupied	Project Cost Per Acreage Type between OCT 15 - NOV 14
Summer 1 + Swarming 1			2.5	\$ -			3.0(4.0) ^**	\$ -			3.5	\$ -			3.5	\$ -
Summer 1 + Swarming 2			2.0	\$ -			2.5(3.5) ^**	\$ -			3.0	\$ -			3.0	\$ -
Summer 2 + Swarming 1			2.0	\$ -			2.5(3.5) ^**	\$ -			3.0	\$ -			3.0	\$ -
Summer 2 + Swarming 2			1.5	\$ -			2.0(3.0) ^**	\$ -			2.5	\$ -			2.5	\$ -
Swarming 1			1.5	\$ -			2.0(3.0) ^**	\$ -			2.5	\$ -			2.5	\$ -
Swarming 2			1.0	\$ -			1.5(2.5) ^**	\$ -			2.0	\$ -			2.0	\$ -
Summer 1			1.5	\$ -			2.0 (3.0)**	\$ -			1.5	\$ -			1.5	\$ -
Summer 2			1.0	\$ -			1.5 (2.5)**	\$ -			1.0	\$ -			1.0	\$ -
Potential			0.5	\$ -	1.35		1.0 (2.0)**	\$ 4,617.00			1.0	\$ -			0.5	\$ -
SUBTOTALS	0.00	0.00		\$ -	1.35	0.00		\$ 4,617.00	0.00	0.00		\$ -	0.00	0.00		\$ -

Individual Trees converted to acreage*****	
# of trees	Use this acreage
15	1.35

*****NOTE: Individual trees may only be used for projects that contain less than 20 trees which are isolated or widely spaced. Standard mapping requirements still apply.

Comments: Lexington Fayette Urban County Govt. proposes to clear 1.35 acres of potential habitat during the occupied timeframe. These trees are being cleared to allow the relocation of utilities along Clays Mill Road for a larger widening project. No trees to be cleared from June 1 - July 31. No impacts to winter habitat. The formal effects determination for Indiana bat is "may affect, likely to adversely affect."

The amount listed above has been determined in accordance with the KFO Participation in CMOA for the Indiana Bat and/or Northern Long-eared Bat Biological Opinion Issued by the US Fish and Wildlife Service April 21, 2015, and any subsequent amendments thereto.

Andrew Logsdon
 DEA Biologist
 Signature: Date: 3/12/18
 As Project Manager, I understand that this authorization for use of the Imperiled Bat CMOA represents an Irretrievable commitment for the referenced project. Furthermore, I acknowledge that funds are available for payment of this expense.

TOTAL ACRES: 2.70

Aerial map showing project footprint, habitat acreage, and coordinates MUST be attached to this form. Multiple maps may be necessary.