

ENVIRONMENTAL ASSESMENT (EA) AND FINDING OF NO SIGNIFICANT IMPACT

DATED AUGUST 2001

ENVIRONMENTAL COMMITMENTS

IMPACTS

COMMERCIAL RELOCATIONS (BUILDINGS)	6
RESIDENTIAL RELOCATION	8
NOISE	*12 RECEPTORS MEET OR EXCEED THE 67 DB(A) LEQ(H)
CULTURAL RESOURCES	NO EFFECT ON HISTORIC PROPERTIES
WETLANDS	<1 ACRE IMPACTED
404 PERMIT	REQUIRED
THREATENED AND ENDANGERED SPECIES	
- GRAY BAT	**MAY AFFECT, UNLIKELY TO ADVERSELY AFFECT
- INDIANA BAT	**INDIVIDUAL MAY AFFECT, UNLIKELY TO ADVERSELY AFFECT
- OZARK BIG-EARED BAT	**MAY AFFECT, UNLIKELY TO ADVERSELY AFFECT
- OZARK CAVEFISH	**MAY AFFECT, UNLIKELY TO ADVERSELY AFFECT
- NORTHERN LONG EARED BAT	**INDIVIDUAL MAY AFFECT, UNLIKELY TO ADVERSELY AFFECT
- AMERICAN BURYING BEATLE (ABB)	**FINAL EFFECT ANALYSIS & DETERMINATION/BA&BO
BALD EAGLE	SURVEY 1 YEAR PRIOR TO CONSTRUCTION
MIGRATORY BIRD NOTE	AVOIDANCE



*THE PROPOSED PROJECT WILL RESULT IN NOISE IMPACTS; HOWEVER, NOISE ABATEMENT MEASURES WERE DETERMINED NOT FEASIBLE. ELEVEN (11) RESIDENTIAL RECEPTORS THAT ARE IMPACTED HAVE DIRECT DRIVEWAY ACCESS ONTO US-59. WITHOUT ACCESS CONTROL, THE GAP THAT WOULD BE REQUIRED FOR DRIVEWAY CONNECTIONS WOULD MAKE NOISE ABATEMENT MEASURES INEFFECTIVE AND, THEREFORE, NOISE MITIGATION WOULD NOT PROVE FEASIBLE. FOR THE RV PARK, A BARRIER ANALYSIS WAS CONDUCTED. RECEPTOR R1 WAS EXPANDED INTO 8 SEPARATE RECEPTOR SITES (R1-A THROUGH R1-H BEING THE FIRST-ROW RECEPTORS OF THE RV PARK). A SOUND WALL CONSISTING OF 550 FEET IN LENGTH AT A MAXIMUM HEIGHT OF 22 FEET ONLY PROVIDED A 7 DB REDUCTION TO 4 OF THE 8 IMPACTED RECEIVERS, WHICH FALLS SHORT OF THE 75 PERCENT REQUIRED. GIVEN THE INABILITY OF THIS WALL TO ACOUSTICALLY MEET THE 7-DB DESIGN REDUCTION GOAL, THE EVALUATED NOISE BARRIER IS NOT RECOMMENDED FOR DESIGN.

**POTENTIAL SEASONAL RESTRICTIONS, CONSTRUCTION PLAN NOTES AND/OR MITIGATION FOR ABB, BATS, OZARK CAVEFISH