

# PROJECT IMPACT PROFILE

Effective Date Pending

Counties: Clinton and Russell Route: US 127 Item Nos. 8-108.00, 115.01  
 Type Project (Describe): Construct/reconstruct 2-lane road, access by permit only Date: 4-26-10  
 Document (EA, FONSI, EIS): EA Date Approved: 6-24-10  
 Identify Preferred/Selected Alternate (**indicate changes to alignment or design**): \_\_\_\_\_  
 Alternative D (Segments 3-6-9-11-16.1-21-23), recommended preferred

**Provide an overview of the project impacts that will result (must be completed prior to each Federal action).**

IMPACTS	COMMENTS/EXPLANATION	IS THIS ISSUE RESOLVED? (Y, N, OR N.I.)	FOLLOW-THROUGH REQUIRED BY DEA & _____				
			D	R	U	C	O
<b>1. Air Quality</b> <ul style="list-style-type: none"> <li>▪ Attainment status of project area.</li> <li>▪ List TIP/STIP page &amp; date.</li> </ul>	<ul style="list-style-type: none"> <li>▪ In compliance with KY State Implementation Plan for attainment and maintenance of NAAQS</li> <li>▪ 2006 STIP (p. 21) for FY 2007-2010</li> </ul>	N.I.					
<b>2. Noise</b> <ul style="list-style-type: none"> <li>▪ Is noise exceedance predicted?</li> <li>▪ Is noise mitigation required?</li> </ul>	<ul style="list-style-type: none"> <li>▪ Noise impact predicted for one residence under Build Alternative A</li> <li>▪ Noise barrier has been determined to not be cost-effective</li> </ul>	Y					
<b>3. Aquatic Ecosystems</b> <ul style="list-style-type: none"> <li>▪ Channel changes/culverts (total linear feet).</li> <li>▪ Is stream mitigation required?</li> <li>▪ Floodplain; FEMA no-rise certification.</li> <li>▪ Wetlands (total acres mitigated).</li> <li>▪ Is wetland mitigation required?</li> <li>▪ Permits required (404, 401, Coast Guard). List dates of application/approval.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Channel/culvert data not yet known</li> <li>▪ Yes; to be determined during permit coordination with USACE</li> <li>▪ Floodway analysis would be performed to determine the need for No-rise certification and floodplain plan</li> <li>▪ 0.14 ac of impact</li> <li>▪ Potential Nationwide for wetland; to be determined during permit coordination with USACE</li> <li>▪ Potential 401/404 for streams; to be determined during permit coordination with USACE</li> </ul>	N	✓		✓	✓	
<b>4. Threatened &amp; Endangered Species</b> <ul style="list-style-type: none"> <li>▪ USFWS coordination date(s).</li> <li>▪ Is a BA required? List species.</li> <li>▪ Seasonal restriction on BA fieldwork?</li> </ul>	<ul style="list-style-type: none"> <li>▪ 2-22-07 TES list</li> <li>▪ BA required for Indiana bat (<i>Myotis sodalis</i>) and gray bat (<i>M. grisescens</i>)</li> <li>▪ To be determined during USFWS coordination for BA</li> </ul>	N	✓		✓	✓	

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			D	R	U	C	O
<b>5. Section 106</b> <ul style="list-style-type: none"> <li>▪ Consultation/coordination required (Native American, local, interested parties).</li> <li>▪ Archaeology; SHPO concurrence date. Identify sites that require additional work.</li> <li>▪ Historic structures/districts. SHPO concurrence date.</li> <li>▪ If there is an adverse effect, is a MOA required?</li> </ul>	<ul style="list-style-type: none"> <li>▪ 2 public meetings; consulting party consultations Jan. 2007 and July 2009; NAC consultation Sept. 2009</li> <li>▪ SHPO consultation to be finalized for FONSI for arch sites. Sites requiring work if affected: 15RU 125,59, 60, 127, 83, 86, and 128; Salt Lick Bottom, Blackfish Hollow bottomland, T0, T1 T2 landforms</li> <li>▪ 4 eligible individual historic sites and Creelsboro Rural Historic District. Concurrence dates: APE 8-14-06; Eligibility 12-20-06; Effects 4-22-09</li> <li>▪ Adverse visual affect to District; MOA required</li> </ul>	N	✓	✓	✓	✓	
<b>6. Section 4(f)</b> <ul style="list-style-type: none"> <li>▪ List 4(f) resources impacted.</li> <li>▪ Is mitigation required?</li> <li>▪ Is Land &amp; Water Conservation Act funding involved – 6(f)?</li> </ul>	<ul style="list-style-type: none"> <li>▪ Creelsboro Rural Historic District</li> <li>▪ Yes; MOA will identify stipulations</li> <li>▪ No LWCA funds involved</li> </ul>	N	✓	✓	✓	✓	
<b>7. Socioeconomic</b> <ul style="list-style-type: none"> <li>▪ Number of relocations (residential, business, non-profit).</li> <li>▪ Are there neighborhood or community impacts?</li> <li>▪ Are there impacts to farmlands (AD1006 form)?</li> </ul>	<ul style="list-style-type: none"> <li>▪ Alt A: 17r, 2b, 1 potential n-p Alt B: 13r, 0b, 1 potential n-p Alt C: 21r, 4b, 1 potential n-p Alt D: 14r, 2b, 1 potential n-p</li> <li>• Alt A: impact 2 residential clusters Alt B: impact 0 clusters Alt C: impact 1 cluster Alt D: impact 0 clusters</li> <li>• Farmland: Not adverse (totals below 160)</li> </ul>	N	✓	✓			
<b>8. Environmental Justice</b> Is there a disproportionate impact to minority or low-income groups?	<ul style="list-style-type: none"> <li>▪ No</li> </ul>	N.I.					
<b>9. UST/Hazardous Materials</b> Identify sites that require Phase II or III. <small>(List parcel numbers &amp; locations)</small>	<ul style="list-style-type: none"> <li>• Alts A, C: Site 2 KY 90 at KY 734 Alt A: Site 4 KY 734 Alt C: Site 5 KY 734 Alts C, D: Site 13 US 127/KY 55 Alts C, D: Site 14 US 127/KY 55 Alts B, D: Site 19 KY 693 Alt A: Site 20 east of US 127 Alt A: Site 21 east of US 127 Alt A: Site 22 KY 55 All: Electrical transformers, oil operations, AST/USTs</li> </ul>	N (further investigation possible)	✓	✓	✓	✓	
<b>10. Other impacts not previously discussed.</b> <ul style="list-style-type: none"> <li>▪ Is any additional mitigation required?</li> <li>▪ Are Special Notes required for this project? <small>If yes, attach a copy.</small></li> </ul>	<ul style="list-style-type: none"> <li>▪ Signs on new road to direct traffic to recreational areas on US 127</li> <li>▪ Consideration to be given to KDFWR, KSNPC, KDOF, KDOW recommendations</li> <li>▪ No special notes</li> </ul>	N	✓	✓	✓	✓	

Have there been any changes in regulations or laws since the last Federal action for this project? If yes, describe: No

Comments and coordination:

Dates of Public Information Meetings

Stakeholder meeting 11-19-03; public meetings 1-30-03 and 12-13-07

Prepared by: Qk4, Louisville, Kentucky

Date: April 26, 2010