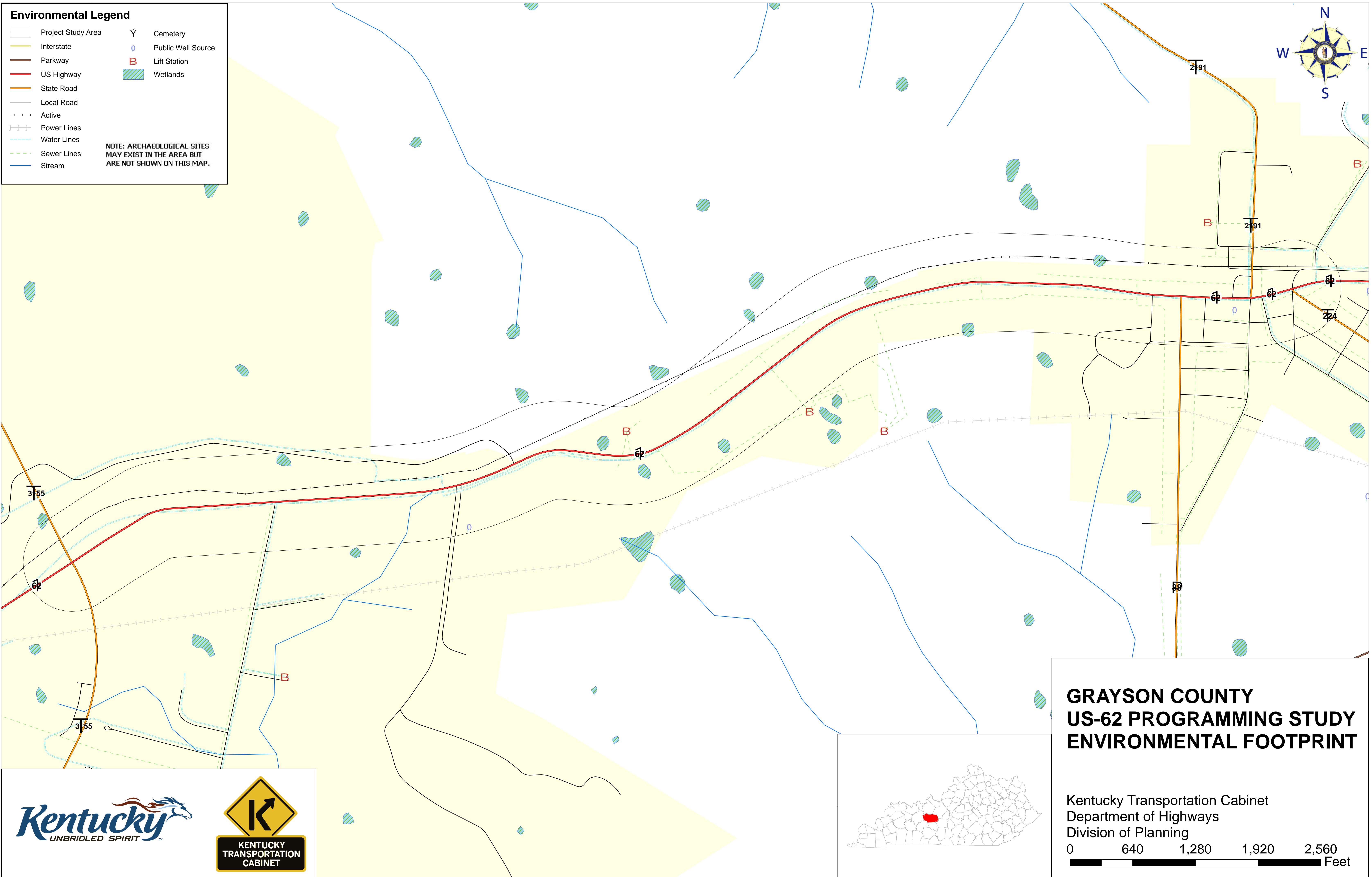
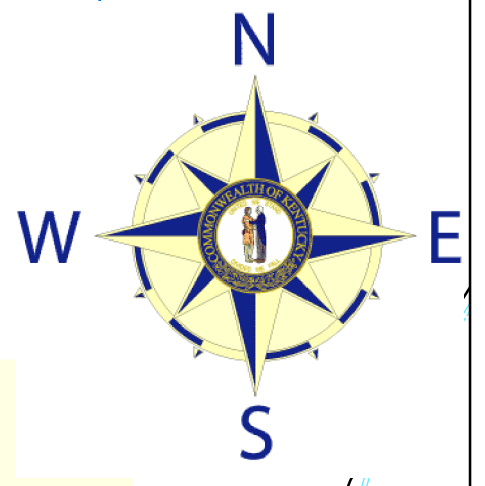


**APPENDIX D**  
**ENVIRONMENTAL OVERVIEW**

**Environmental Legend**

Project Study Area	Cemetery
Interstate	Public Well Source
Parkway	Lift Station
US Highway	Wetlands
State Road	
Local Road	
Active	
Power Lines	
Water Lines	
Sewer Lines	
Stream	

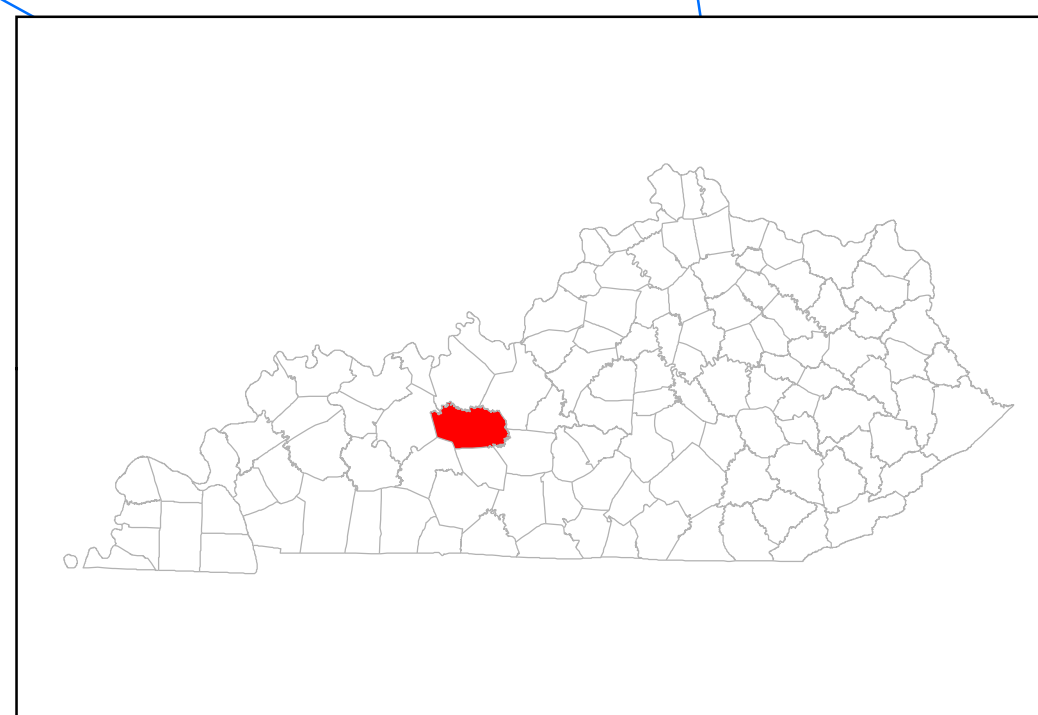
**NOTE: ARCHAEOLOGICAL SITES MAY EXIST IN THE AREA BUT ARE NOT SHOWN ON THIS MAP.**



**GRAYSON COUNTY  
US-62 PROGRAMMING STUDY  
ENVIRONMENTAL FOOTPRINT**

Kentucky Transportation Cabinet  
Department of Highways  
Division of Planning

0 640 1,280 1,920 2,560 Feet



**KENTUCKY  
TRANSPORTATION  
CABINET**

**Environmental Considerations**  
 Grayson County  
 US 62 from Leitchfield to Clarkson  
 Programming Study  
 Item No. 4-8303.00

Indicate whether the Area/Corridor(s)/Alternatives selection might potentially be influenced by any known information or reasonable extrapolations from available data.		
<b>Y</b>	<b>N</b>	<b>Archaeology</b>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Are there known archaeological sites within the proposed study areas that are either listed or potentially eligible for listing to the NRHP?
<input type="checkbox"/>	<input type="checkbox"/>	What is the distribution of the NRHP listed/potentially eligible archaeological sites within the proposed study areas? N/A (see comments below)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are there study areas that, due to certain landform characteristics, have a higher potential for sites, especially NRHP eligible archaeological sites?
<input type="checkbox"/>	<input type="checkbox"/>	Are there study areas that could be recommended as having a lower potential for sites, especially NRHP eligible archaeological sites? N/A (see comments below)
<input type="checkbox"/>	<input type="checkbox"/>	Does the distribution of sites suggest anything of importance to project location selection? N/A (see comments below)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are there any special concerns/considerations/circumstances that should be considered early in project development, such as a historical structure survey, that would further identify potential issues from an archaeological perspective?
Identify any areas that should be avoided, if possible, to minimize resource impacts. Unless the concerns noted above are equally distributed across all alternatives, corridors or study areas (should be so noted below), provide a specific explanation of varying degrees by which the areas studied would be influenced or affected by the known or potential resource(s).		
Comments: No previously recorded archeology sites have been identified within the project corridor. However, no known surveys have been performed in the proposed area. Upon review of site topography, soils, and available water sources it would be probable that both prehistoric and historic sites will be present.		
<b>Y</b>	<b>N</b>	<b>Cultural Historic Resources</b>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are there known historic sites, districts, objects or structures within the proposed corridors that are either listed or potentially eligible for listing to the NRHP?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Has historic context of the area been developed that would allow the elimination of any buildings, districts, structures or objects that meet the 50 year old NRHP criterion?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are there study areas that could be recommended as having a lower potential for historic sites, especially NRHP eligible historic sites?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the distribution of sites suggest anything of importance to project location selection?

Identify any areas that should be avoided, if possible, to minimize resource impacts. Unless the concerns noted above are equally distributed across all alternatives, corridors or study areas (should be so noted below), provide a specific explanation of varying degrees by which the areas studied would be influenced or affected by the known or potential resource(s).

Comments: Historic baseline will be required for the Area of Potential Effect.

<b>Y</b>	<b>N</b>	<b>Socioeconomic</b>
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<input type="checkbox"/>	<input checked="" type="checkbox"/>	Are there any low-income or minority communities identified within the proposed corridors?
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<input type="checkbox"/>	<input checked="" type="checkbox"/>	Are there Prime Farmland soils identified within the proposed corridors?
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<input type="checkbox"/>	<input checked="" type="checkbox"/>	Are there any communities and/or business districts within the proposed corridors?
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<input type="checkbox"/>	<input checked="" type="checkbox"/>	Are there any public recreation areas, such as parks or waterfowl refuges, located within the proposed corridors?
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<input type="checkbox"/>	<input checked="" type="checkbox"/>	Can one or more of the proposed corridors be recommended as having a lower potential for impacts to any of the resources identified above?
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Identify any areas that should be avoided, if possible, to minimize resource impacts. Unless the concerns noted above are equally distributed across all alternatives, corridors or study areas (should be so noted below), provide a specific explanation of varying degrees by which the areas studied would be influenced or affected by the consideration of this known or potential impact.

Comments: Socioeconomic Baseline will be required to confirm responses.

<b>Y</b>	<b>N</b>	<b>Air Quality</b>
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<input type="checkbox"/>	<input checked="" type="checkbox"/>	If located in an MPO area, is the project in a conforming plan? (Planning will identify if in a nonattainment area)
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<input type="checkbox"/>	<input checked="" type="checkbox"/>	Considering the project setting (urban/rural), design features (off ramps, etc.), and locations where traffic flow might be interrupted with signalization or other traffic control devices, is there reasonable potential for the project to have an Air Quality impact?
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<input type="checkbox"/>	<input checked="" type="checkbox"/>	Is it expected that a base study or hot spot analysis will be required?
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Identify any areas that should be avoided, if possible, to minimize air quality impacts. Unless the concerns noted above are equally distributed across all alternatives, corridors or study areas (should be so noted below), provide a specific explanation of varying degrees by which the areas studied would be influenced or affected by the consideration of this impact.

Comments: Air Quality Baseline will be required to confirm responses.

<b>Y</b>	<b>N</b>	<b>Noise</b>
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<input type="checkbox"/>	<input type="checkbox"/>	How many, what type and where are sensitive receptors within proximity to the proposed project? (See comments below)
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		Indicate whether a base study will be required based upon the project adding through-lane capacity. (See comments below)
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<input type="checkbox"/>	<input checked="" type="checkbox"/>	Will further study be required due to areas of the project anticipated to have a significant change in the vehicle types that drive the road? What type of and how much traffic will utilize the road? Is the traffic volume anticipated to be above 20,000 ADT?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Will there be a significant change in the grade of the road with regard to braking noise and downshifting engine noise?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	With the spatial distribution of potential sensitive receptors, can recommendations be made regarding project location selection?
Identify any areas that should be avoided, if possible, to minimize noise impacts. Unless the concerns noted above are equally distributed across all alternatives, corridors or study areas (should be so noted below), provide a specific explanation of varying degrees by which the areas studied would be influenced or affected by the consideration of this impact.		
Comments: Noise Baseline will be required to confirm responses.		
<b>Y</b>	<b>N</b>	<b>Underground Storage Tanks/Hazardous Waste</b>
<input type="checkbox"/>	<input type="checkbox"/>	Are there any known or listed State or Federal Superfund sites within proximity to the project and have they been addressed (closed)? (See comments below)
<input type="checkbox"/>	<input type="checkbox"/>	Are there any known or listed landfills, dumps or scrap yards within proximity to the project? (See comments below)
<input type="checkbox"/>	<input type="checkbox"/>	Have there been any reportable releases of regulated substances in or near the project area and have they been addressed (closed)? (See comments below)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Suggest limited phase 1 work by the consultant (costs = 1,500 to 3,000) including ERD search – attach to planning document for review when submitted to DEA.
<input type="checkbox"/>	<input type="checkbox"/>	When provided by Planning, comment on information from the public with regard specifically to UST/HazMat issues. For example, people may know of situations that have been unreported and that may be of concern such as spills of chemicals, unauthorized storage of discarded tires and materials, abandoned drum piles and above ground tanks etc...(See comments below)
Identify any areas that should be avoided, if possible, to minimize impacts. Unless the concerns noted above are equally distributed across all alternatives, corridors or study areas (should be so noted below), provide a specific explanation of varying degrees by which the areas studied would be influenced or affected by the consideration of this impact.		
Comments: Several sites have been noted within the proposed project area that may be possible impact sites,		
<b>Y</b>	<b>N</b>	<b>Ecology</b>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is there potential for the project to effect endangered species? Have the USFWS, KSNPC, and KDFWR species lists and/or websites identified any T&E species in the project area?
<input type="checkbox"/>	<input type="checkbox"/>	Would stringent erosion controls and/or stream avoidance be required? (See comments below)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Are any outstanding resource, special use waters, etc., present in the project area?



