

**Selection of Preferred Route**

**Smith to West Garrard**  
**345-kV Transmission Project**

East Kentucky Power Cooperative

December 2006

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## APPENDICES

**Appendix A: Public Comments from RUS Scoping**

**Appendix B: Questionnaire responses from Open House**

**Appendix C: Summary of Open House comments and EKPC response**

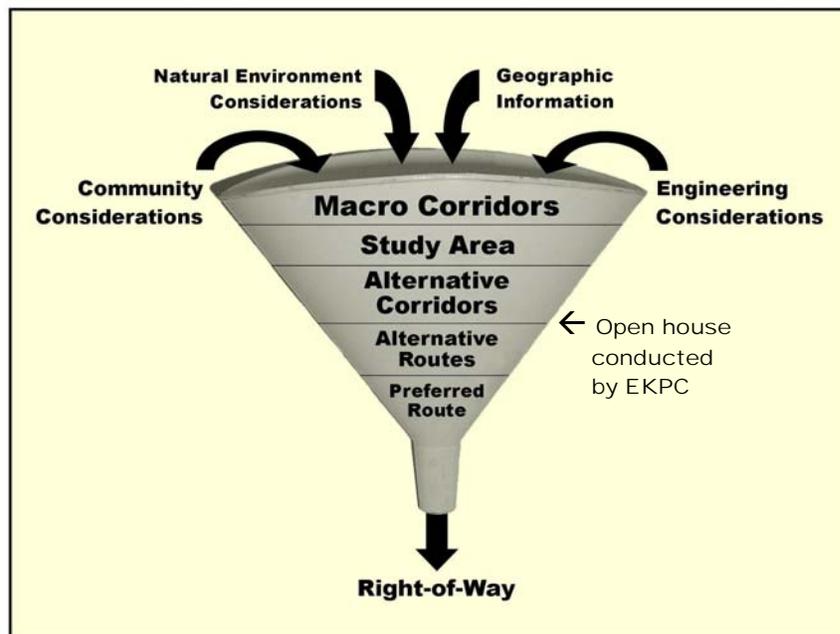
## PART I: INTRODUCTION

This report is an extension of the June 2006 report titled “Macro-Corridor Study: Smith to West Garrard 345-kV Transmission Project” (“Macro-Corridor Study”) prepared by East Kentucky Power Cooperative (EKPC) and submitted to the Rural Utilities Service (RUS) as part of the EKPC’s compliance with the National Environmental Policy Act and related regulations.

The Macro-Corridor Study documents the stages of routing that were undertaken to analyze project area data and develop a macro corridor and alternative corridors for the Smith to West Garrard 345-kV project. The report describes the development of a built environment alternative corridor, a natural environment alternative corridor, an engineering environment alternative corridor and simple average alternative corridor.

These corridors were generated using a routing methodology developed by the Electric Power Research Institute (EPRI) and Georgia Transmission Corporation (GTC). It is referred to in this report as the EPRI-GTC methodology. This methodology has been adapted for use in Kentucky with the Kentucky Siting Model, which is described in the Macro-Corridor Study. Figure 1 below is a graphical representation of the steps in the EPRI-GTC routing methodology.

**FIGURE 1: EPRI-GTC Routing Methodology**



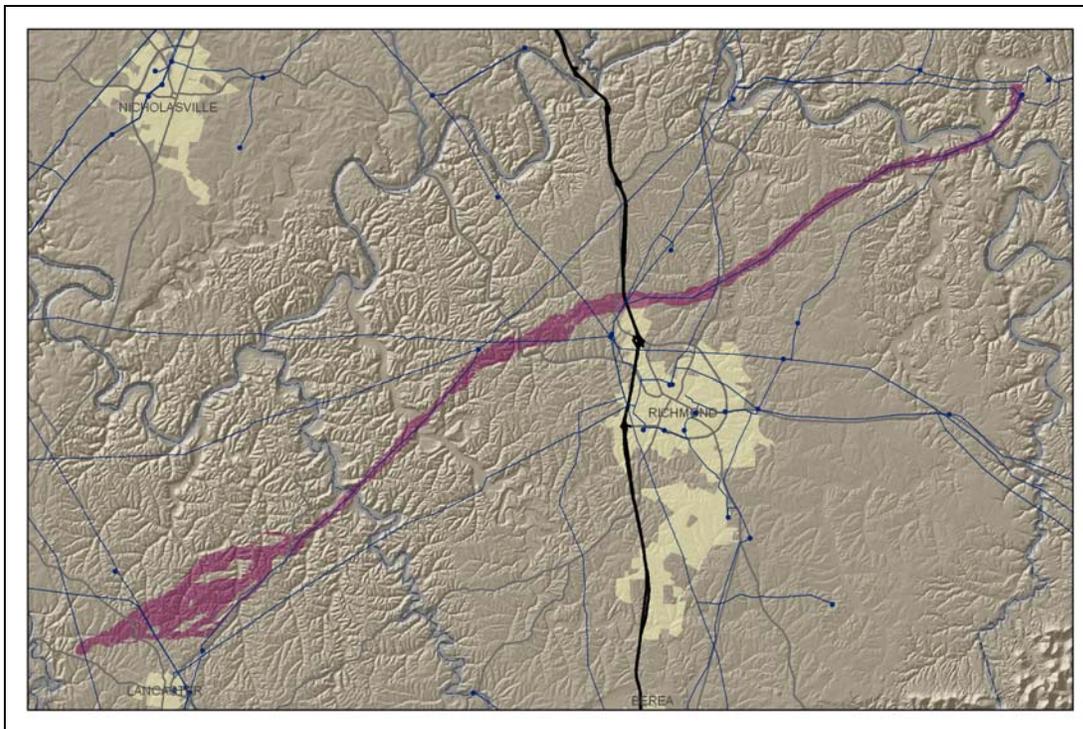
This report, titled “Selection of Preferred Route: Smith to West Garrard 345-kV Transmission Project,” documents the steps taken by EKPC to begin with the Macro-Corridor Study results, develop viable alternative routes and select a final preferred route using the EPRI-GTC methodology.

## PART II: ALTERNATIVE CORRIDORS

On July 11, 2006, RUS conducted a public scoping meeting in Richmond, Ky., to solicit information and gather comments for the preparation of an Environmental Assessment of this project. Approximately 25 people attended the scoping meeting. Maps of Alternative Corridors, which were generated by the EPRI-GTC routing model as documented in the Macro-Corridor Study, were presented at that scoping meeting. Copies of the Macro-Corridor Study were made available for public review and comment during and after this meeting and at public libraries in Clark, Garrard and Madison counties. Personnel from RUS and EKPC were available to solicit comments and answer questions. Appendix A contains copies of the public comments submitted to RUS during the scoping meeting and during the subsequent comment period.

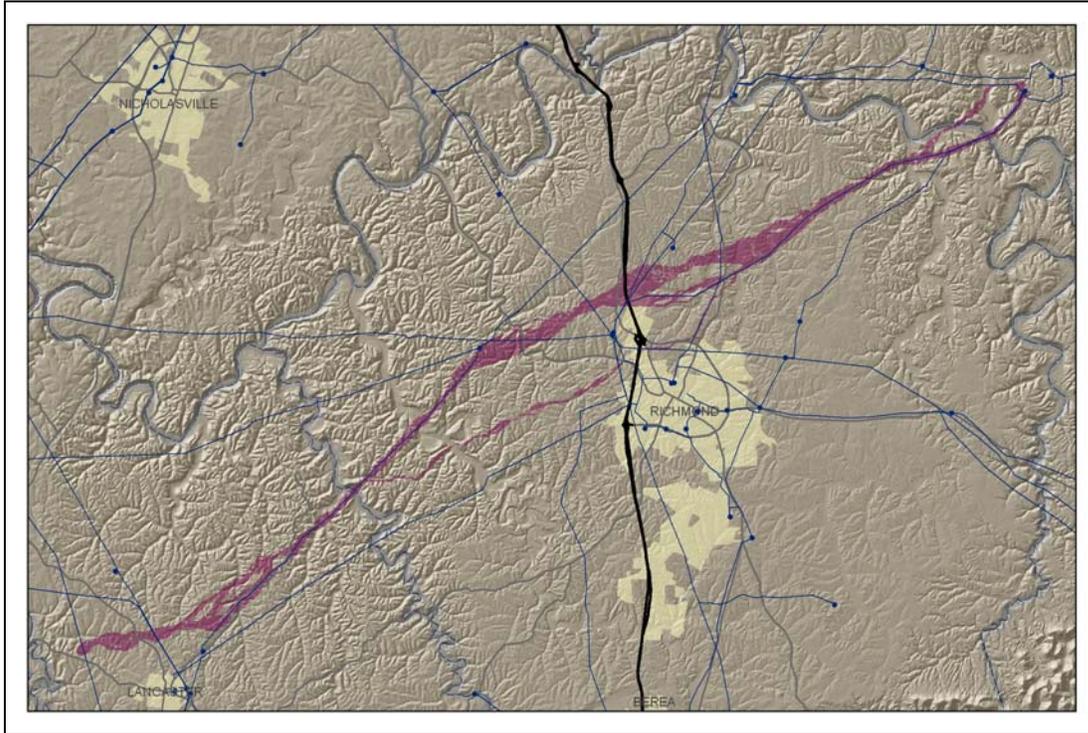
Figures 2 through 4 display the Alternative Corridors that were developed for each of the three environments, as described in the Macro-Corridor Study. Figure 5 on page 5 displays the Simple Average Alternative Corridor. Figure 6 on page 5 overlays the corridors from the three environments and the Simple Average Corridor in order to create a single combined alternative corridor.

**FIGURE 2: Built Environment Alternative Corridors**

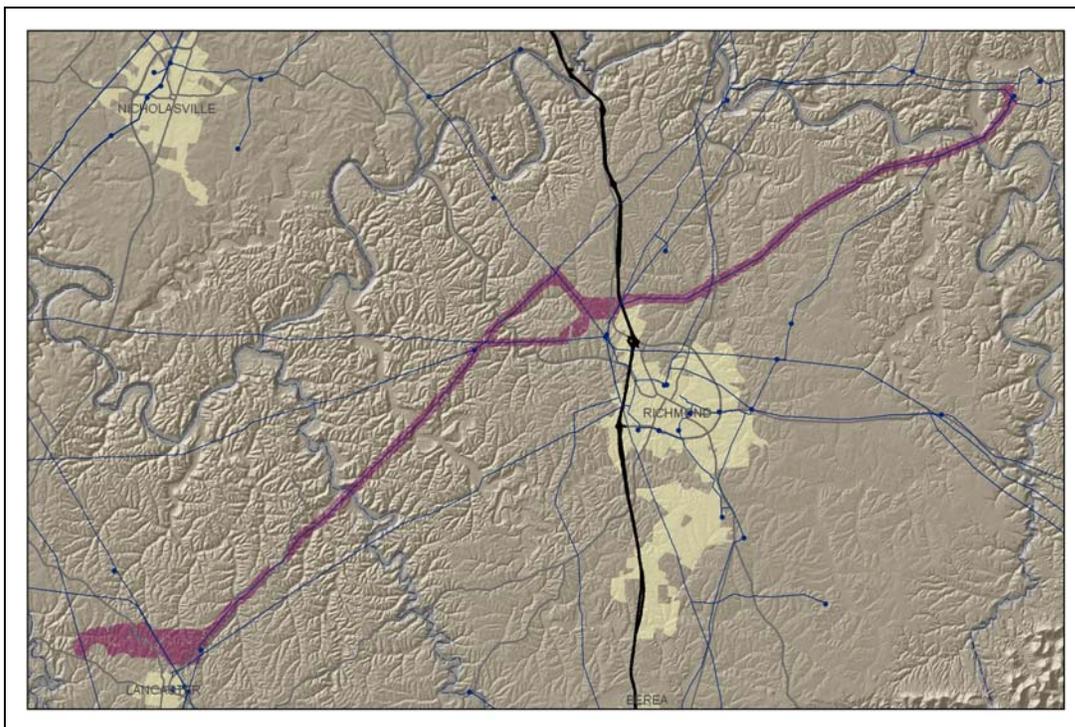


## Selection of Preferred Route: Smith-West Garrard

**FIGURE 3: Natural Environment Alternative Corridors**

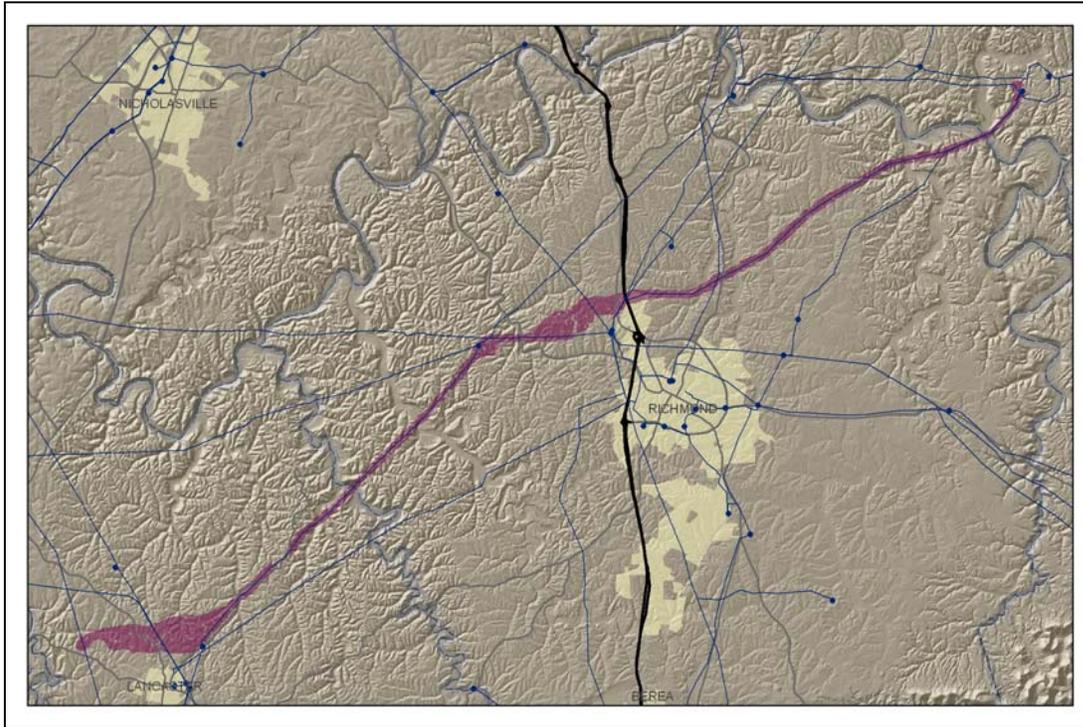


**FIGURE 4: Engineering Environment Alternative Corridors**

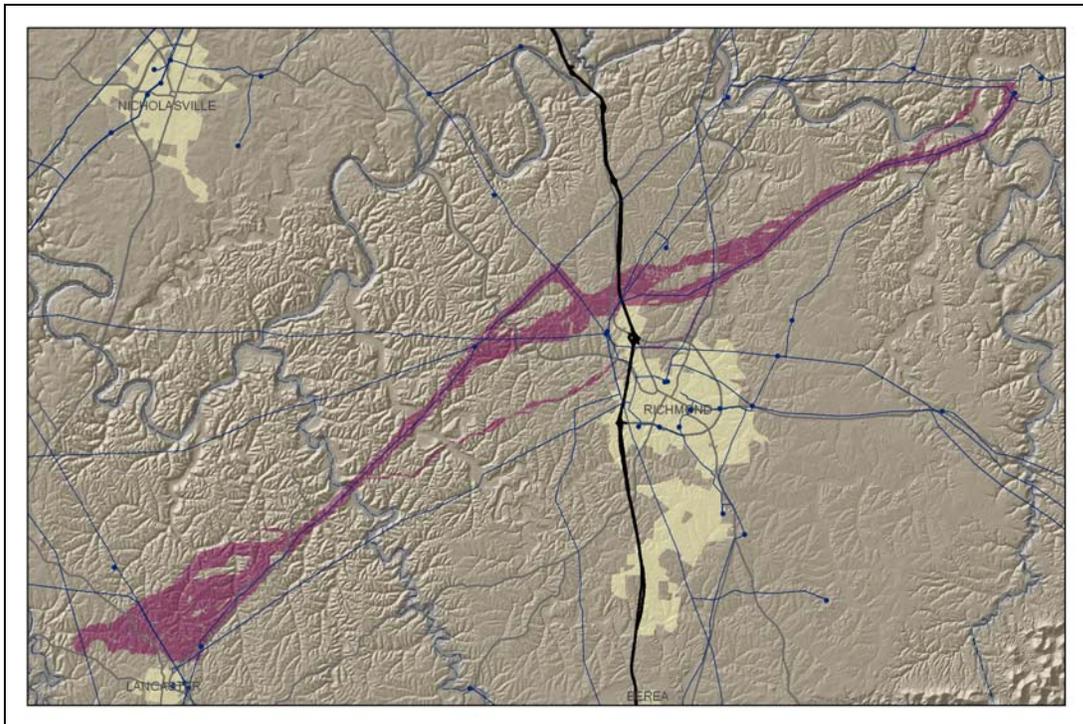


## Selection of Preferred Route: Smith-West Garrard

**FIGURE 5: Simple Average Alternative Corridors**



**FIGURE 6: Combined Alternative Corridors**



### **PART III: ALTERNATIVE ROUTE CORRIDORS**

Two independent teams of transmission line professionals from EKPC analyzed aerial photography, topographic maps, windshield field survey information, and GIS data collected in conjunction with the EPRI/GTC model to further examine the Alternative Corridors identified in Part II of this report.

These are some typical features examined by these teams.

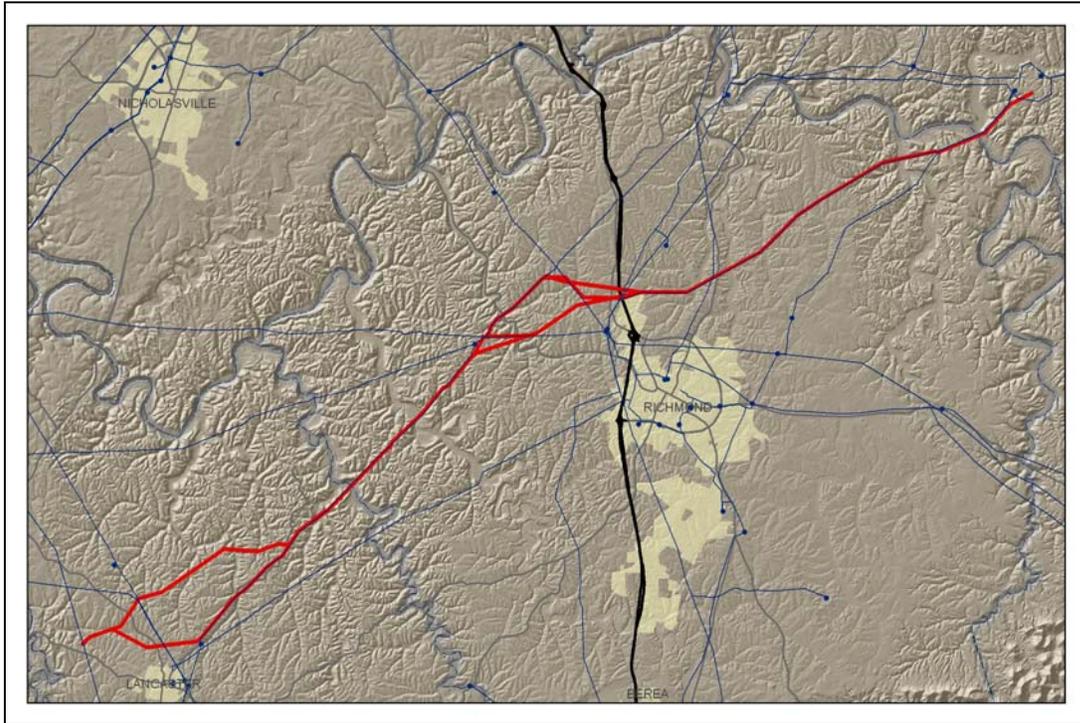
- Opportunities for co-locating with existing lines are considered.
- Potential road crossings are examined to ensure that a crossing is possible under Department of Transportation guidelines.
- Potential stream and river crossings are evaluated to ensure they would meet the requirements of the applicable regulatory agencies.
- Potential angle points are evaluated to verify that the slope and terrain would accommodate construction of a structure.
- Potential proximity to residential, commercial, industrial and agricultural buildings.
- Existing linear features, such as fences or property lines, are taken into account.
- Land use (residential, agricultural, commercial or industrial) is evaluated.
- Properties that are listed on the National Register of Historic Places GIS database as provided by the National Park Service, and locations provided by the Kentucky Heritage Council are identified and taken into consideration.

Using this information, each team developed Alternative Route Corridor Centerlines within the previously established Alternative Corridors. For this project, some portions of the Alternative Route Corridor Centerlines fell outside of the Alternative Corridors. However, this occurred only in instances where portions of affected parcels of property were already included in the Alternative Corridors. These approximate centerlines were not intended to become the final centerline, but only serve as a basis for the formation of the Alternative Route Corridors to be presented to the public in order to gather more detailed routing information and comment.

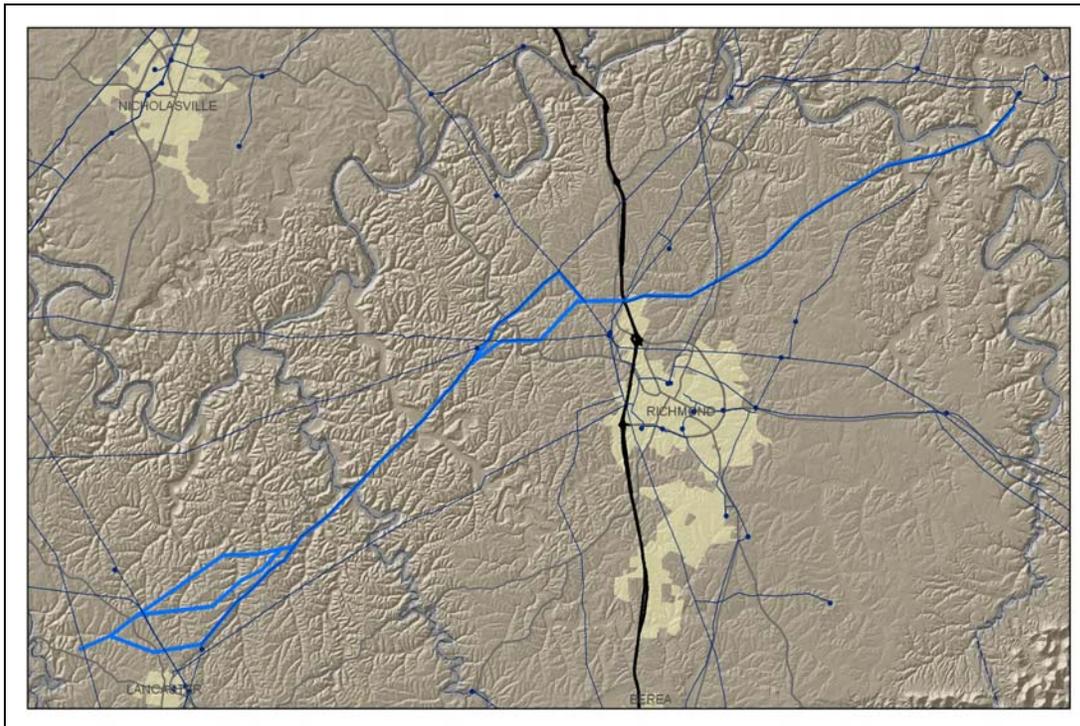
Figures 7 and 8 on page 7 display separately the Alternative Route Corridor Centerlines generated by each team. Figure 9 on page 8 overlays the Alternative Route Corridor Centerlines generated by both of EKPC's independent routing teams.

## Selection of Preferred Route: Smith-West Garrard

**FIGURE 7: Alternative Route Corridor Centerlines, As Identified by Team 1**

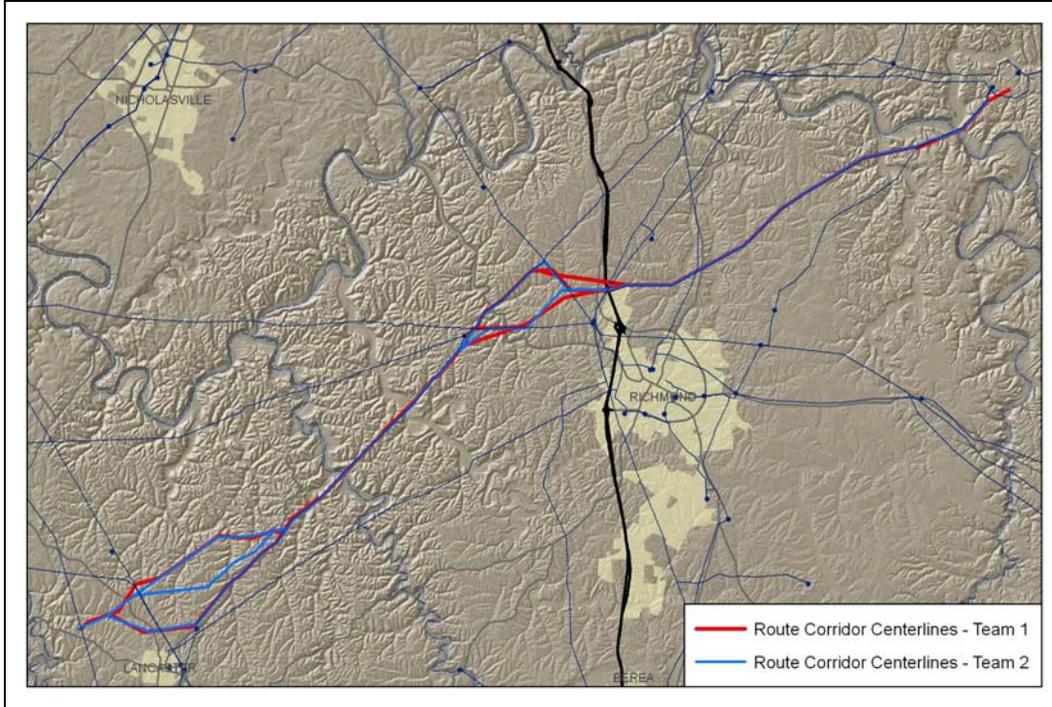


**FIGURE 8: Alternative Route Corridor Centerlines, As Identified by Team 2**



## Selection of Preferred Route: Smith-West Garrard

**FIGURE 9: Alternative Route Corridor Centerlines, Both Teams**

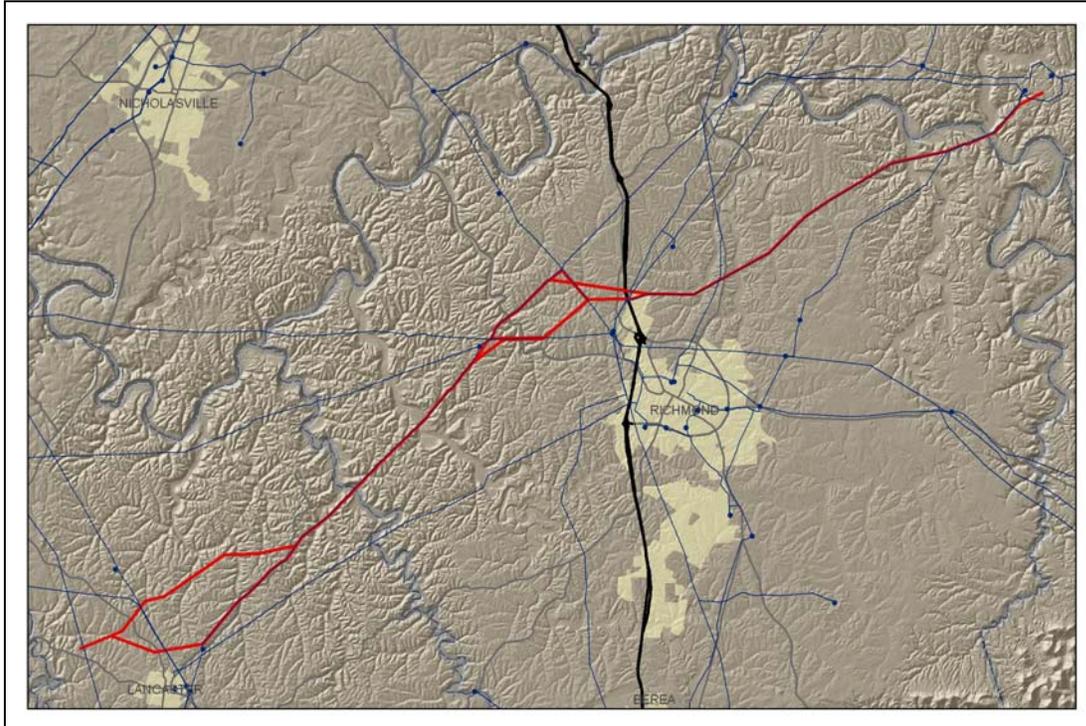


## Selection of Preferred Route: Smith-West Garrard

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After developing the Alternative Route Corridor Centerlines independently, the routing teams met to discuss the centerlines they had developed, and to combine their efforts into one set of route corridor centerlines. The resulting Merged Alternative Route Corridor Centerlines are displayed in Figure 10 below.

**FIGURE 10: Merged Alternative Route Corridor Centerlines**

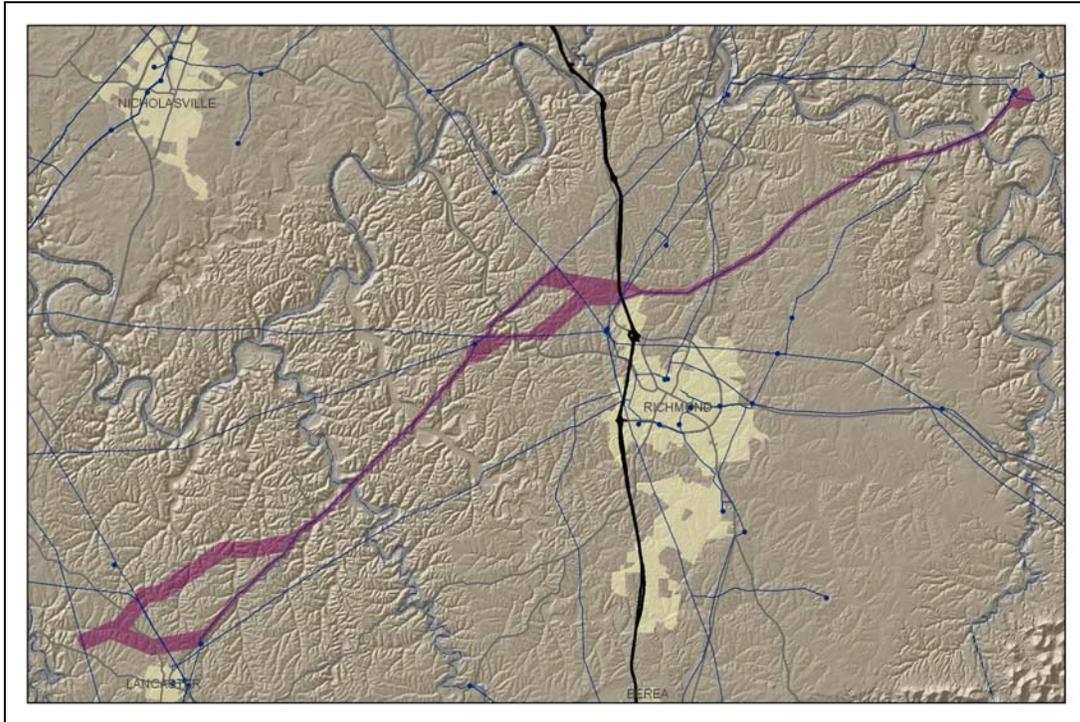


## Selection of Preferred Route: Smith-West Garrard

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The Merged Alternative Route Corridor Centerlines were the basis for the Alternative Route Corridors, which were presented to property owners and the public during open houses conducted by EKPC in August 2006. Beginning with the Merged Alternative Route Corridor Centerlines, the Alternative Route Corridors were formed by expanding the centerlines to one-half mile wide corridors on greenfield segments and 1,000 feet wide corridors on segments co-located with existing transmission lines. (“Greenfield” refers to segments of proposed line that would be constructed where electric transmission lines do not currently exist.) Figure 11 below shows the Alternative Route Corridors.

**FIGURE 11: Smith-West Garrard Alternative Route Corridors**



## **PART IV: ALTERNATIVE ROUTES**

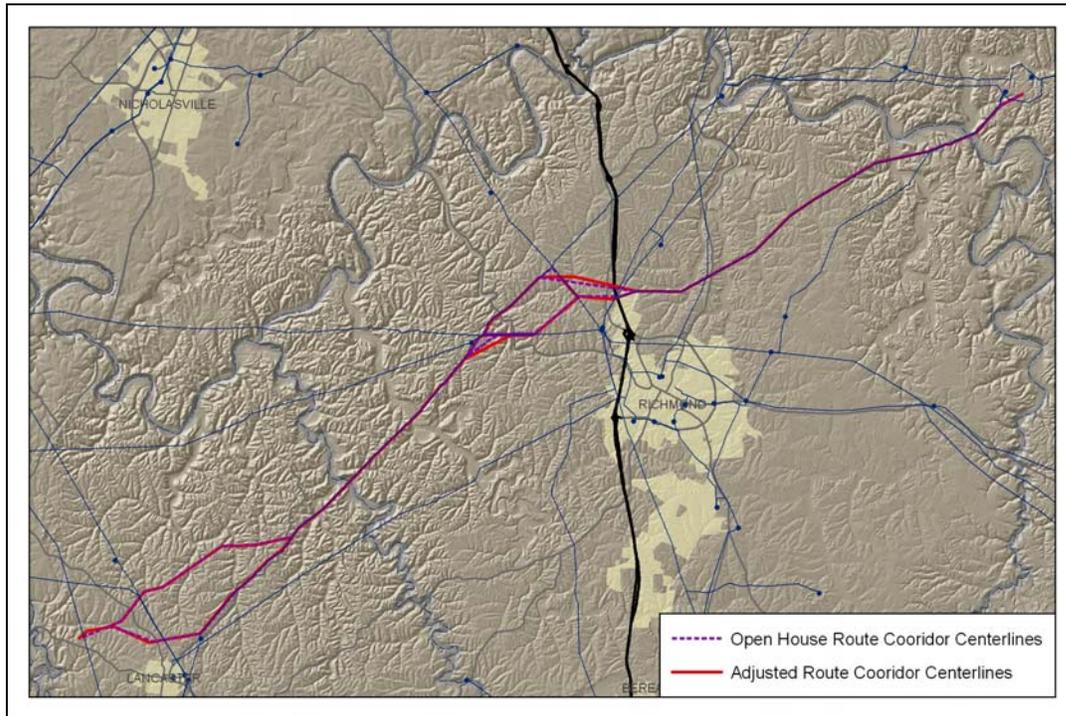
EKPC hosted two public open houses to collect more information about the Alternative Route Corridors and to provide information about the project to the public. The first was on Aug. 29, 2006, in Lancaster, Ky., and the second on August 31, 2006, in Richmond, Ky. Using information from county Property Valuation Administrators, EKPC identified the names and addresses of the owners of property parcels crossed by the Alternative Route Corridors. Property owners were mailed letters to inform them their property could be affected by this project and to invite them to attend the open houses. These letters also contained a detailed packet of information about the proposed project, including a map of the Alternative Route Corridors. In addition, EKPC's open houses were advertised in newspapers of general circulation in Clark, Garrard and Madison counties. These newspaper advertisements included a map of the Alternative Route Corridors.

At the open houses, EKPC personnel were present to solicit information from individuals concerning the proposed Alternative Route Corridors and to answer questions about the project. Attached as Appendix B is a compilation of comments received at the two open houses hosted by EKPC.

Following the open houses, EKPC personnel met to further refine the Alternative Route Corridors into route segments, taking into account the information that was gathered at the open houses. Appendix C contains a list of corresponding actions or responses by EKPC to determine the final route segment locations. Figure 12 on page 12 displays the centerlines of the merged route corridors and the final route segments based on the information gathered at the open houses.

## Selection of Preferred Route: Smith-West Garrard

**FIGURE 12: Adjusted Alternative Route Corridor Centerlines**

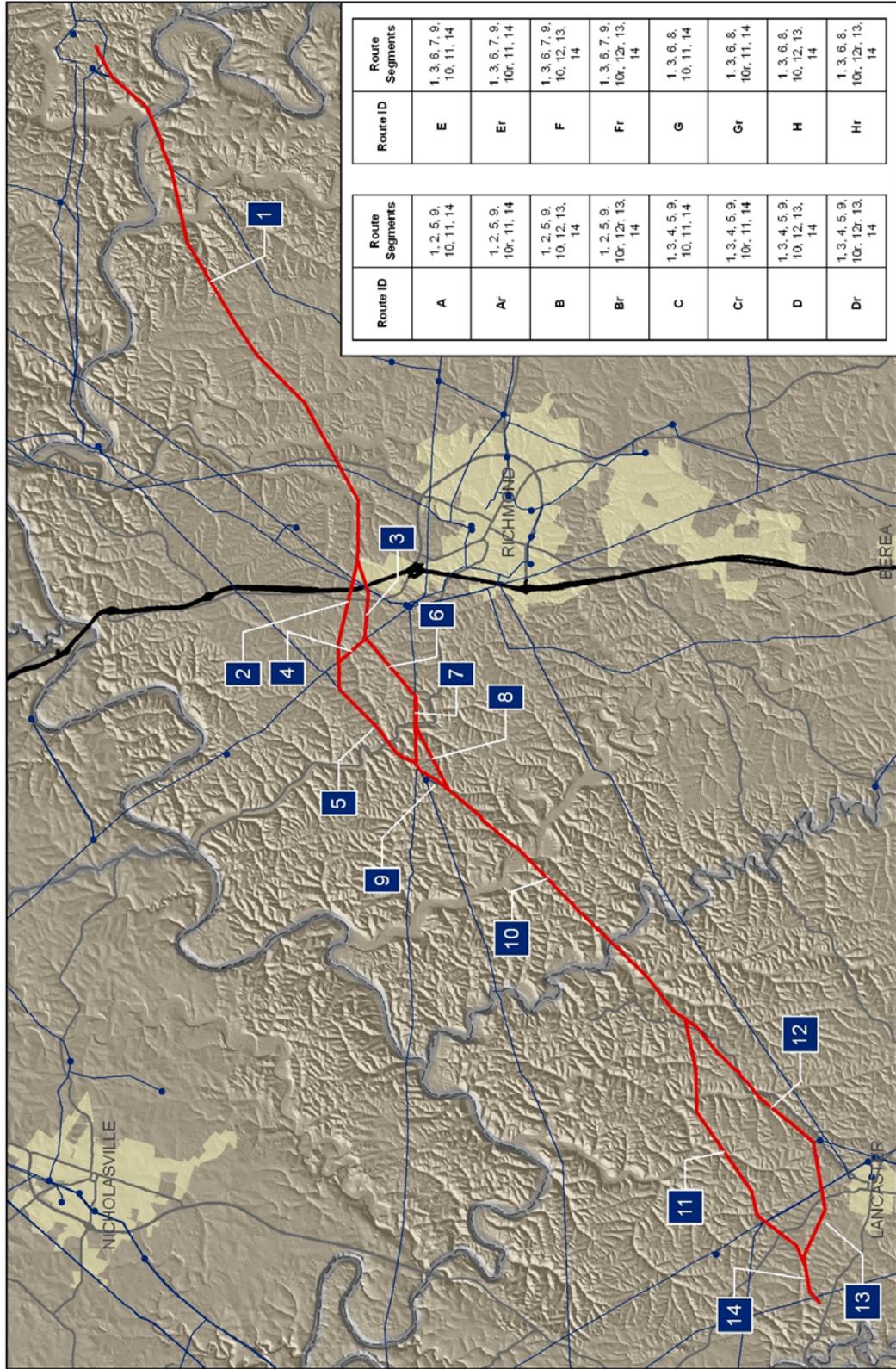


After taking into account all centerline segments, a total of 16 possible Alternative Routes were evaluated using the EPRI-GTC model, as well as the extra steps by EKPC to incorporate public comment. This evaluation included all feasible routes connecting the line segments displayed in Figure 12 above.

Figure 13 on page 13 displays the Alternative Routes that were evaluated. An “r” in the route name indicates a route that would involve rebuilding segments 10 and/or 12 rather than paralleling these segments.

## Selection of Preferred Route: Smith-West Garrard

**FIGURE 13: Alternative Routes Evaluated by EKPC**



### **PART V: ALTERNATIVE ROUTE COMPARISON**

The EPRI-GTC Route Evaluation Model applies a statistical comparison to Alternative Routes based on predefined weighted criteria. These comparisons focus on the Built, Natural, and Engineering Environments. Separate comparisons are conducted placing emphasis on each of these three environments. Then, a separate comparison is conducted equally balancing the environments. Thus, there are four statistical comparisons conducted for each of the routes. Table 2 on page 16 displays the criteria used in evaluating routes. Each of the three environments displayed is weighted equally, and each criterion contained within each environment has its own weighting applied within that environment. If there are no features associated with a criterion for all alternative routes, then the associated weighting is distributed proportionately across the other criteria within that environment.

The tables on the following pages summarize the results of the complete statistical analysis of the 16 routes that were scored using the EPRI-GTC routing methodology. Table 1 on page 15 summarizes cost estimates associated with each of the routes, taking into account the line length for single-circuit or double-circuit construction, line angles, clearing costs and easement costs.

This data was then transferred to Table 2 on page 16. This table summarizes the features identified for each criterion on each of the alternative routes, as well as the normalization of this data. Normalization is a statistical process that fits a wide range of data into a scale of values between 0 and 1 for comparison purposes. A relatively lower normalized score for a route indicates a relatively higher suitability for a transmission line along that route. After normalizing the data, a comparison was conducted based on the weightings identified for each of the criteria. As noted earlier, weightings for any criteria not represented by a feature within an alternative route are distributed across the other items within the categories. This occurs in both the Built and Natural Environments where instances of residences within the right-of-way, proximity to industrial buildings, proximity to special parcels, and wetland acres were not identified in any of the routes. As a result, the weightings of these criteria are distributed proportionately across the other criteria.

Four comparisons were conducted. Each of the first three comparisons put a “five times” emphasis on a different environment. The fourth comparison, the Simple Average Comparison, weighted the three environments equally. Tables 3, 4, 5, and 6 show the scoring of each of the routes with the respective weightings. Table 7 on page 26 is a composite summary showing the scores of each route in all the environments and averaged.

Because the Simple Average Comparison places equal weighting on each of the environments, the top three routes from the simple average comparison were analyzed in the Expert Judgment phase. The top three alternative routes analyzed in the Expert Judgment phase were Gr, Er, and Hr. They are shown in Figure 14 on page 27.

Selection of Preferred Route: Smith-West Garrard

TABLE 1: Estimated Costs Associated With Alternative Routes

	ROUTE A	ROUTE B	ROUTE C	ROUTE D	ROUTE E	ROUTE F	ROUTE G	ROUTE H
<b>LENGTH</b>	35.7	36.2	35.9	36.4	35.3	35.8	35.1	35.6
<b>Single Circuit Length</b>	35.7	36.2	35.9	36.4	35.3	35.8	35.1	35.6
Cost per Single Circuit Length	\$34,272,000	\$34,752,000	\$34,464,000	\$34,944,000	\$33,888,000	\$34,368,000	\$33,696,000	\$34,176,000
<b>Double Circuit Length</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cost per Double Circuit Length	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Angle Cost</b>	\$505,000	\$590,000	\$535,000	\$620,000	\$505,000	\$590,000	\$485,000	\$570,000
<b>Forested Acres</b>	132.2	130.9	133.4	132.1	139.8	138.4	132.8	131.4
Clearing Cost	\$317,280	\$314,160	\$320,160	\$317,040	\$335,520	\$332,160	\$318,720	\$315,360
<b>No. of Parcels</b>	144.0	155.0	146.0	157.0	132.0	143.0	132.0	143.0
Property Cost	\$1,224,351	\$1,318,378	\$1,230,124	\$1,324,151	\$1,334,998	\$1,334,698	\$1,234,227	\$1,328,251
<b>Total</b>	<b>\$36,318,631</b>	<b>\$36,974,538</b>	<b>\$36,549,284</b>	<b>\$37,205,191</b>	<b>\$36,063,518</b>	<b>\$36,624,858</b>	<b>\$35,733,947</b>	<b>\$36,389,611</b>

	ROUTE Ar	ROUTE Br	ROUTE Cr	ROUTE Dr	ROUTE Er	ROUTE Fr	ROUTE Gr	ROUTE Hr
<b>LENGTH</b>	35.7	36.2	35.9	36.4	35.3	35.8	35.1	35.6
<b>Single Circuit Length</b>	27.8	24.2	28.0	24.4	27.4	23.8	27.4	23.8
Cost per Single Circuit Length	\$26,688,000	\$23,232,000	\$26,880,000	\$23,424,000	\$26,304,000	\$22,848,000	\$26,304,000	\$22,848,000
<b>Double Circuit Length</b>	7.9	12.0	7.9	12.0	7.9	12.0	7.7	11.8
Cost per Double Circuit Length	\$8,934,900	\$13,572,000	\$8,934,900	\$13,572,000	\$8,934,900	\$13,572,000	\$8,708,700	\$13,345,800
<b>Angle Cost</b>	\$565,000	\$700,000	\$595,000	\$730,000	\$565,000	\$700,000	\$545,000	\$680,000
<b>Forested Acres</b>	107.6	99.9	108.8	101.1	115.2	107.5	109.0	101.2
Clearing Cost	\$258,240	\$239,760	\$261,120	\$242,640	\$276,480	\$258,000	\$261,600	\$242,880
<b>No. of Parcels</b>	144.0	155.0	146.0	157.0	132.0	143.0	132.0	143.0
Property Cost	\$1,057,345	\$979,321	\$1,063,006	\$984,982	\$1,073,665	\$995,641	\$1,074,265	\$996,241
<b>Total</b>	<b>\$37,503,485</b>	<b>\$38,723,081</b>	<b>\$37,734,026</b>	<b>\$38,953,622</b>	<b>\$37,154,045</b>	<b>\$38,373,641</b>	<b>\$36,893,565</b>	<b>\$38,112,921</b>

Selection of Preferred Route: Smith-West Garrard

TABLE 2: Alternative Route Features and Normalized Comparisons (cont'd on page 17)

Built	Route A		Route B		Route C		Route D		Route E		Route F		Route G		Route H	
	Feature	Unit														
Residences within the ROW		0		0		0		0		0		0		0		0
<i>Weighted</i>		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0
Proximity to Residences (300')		36		48		37		49		33		45		30		42
<i>Weighted</i>		0.3		0.9		0.4		1.0		0.2		0.8		0.0		0.6
Proposed Residential Developments		3		2		3		2		3		2		3		2
<i>Weighted</i>		1.0		0.0		1.0		0.0		1.0		0.0		1.0		0.0
Proximity to Commercial Buildings (300')		1		3		0		2		0		2		0		2
<i>Weighted</i>		0.3		1.0		0.0		0.7		0.0		0.7		0.0		0.7
Proximity to Industrial Buildings (300')		0		0		0		0		0		0		0		0
<i>Weighted</i>		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0
School, DayCare, Church, Cemetery, Park Parcels (#)		0		0		0		0		0		0		0		0
<i>Weighted</i>		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0
NRHP Listed/Eligible Strucs./Districts (1500' from edge of R/W)		1		2		0		1		0		1		0		1
<i>Weighted</i>		0.5		1.0		0.0		0.5		0.0		0.5		0.0		0.5
<b>Natural</b>																
Natural Forests (Acres)		132.2		130.9		133.4		132.1		139.8		138.4		132.8		131.4
<i>Weighted</i>		0.8		0.8		0.8		0.8		1.0		1.0		0.8		0.8
Stream/River Crossings		54		53		54		53		50		49		51		50
<i>Weighted</i>		1.0		0.8		1.0		0.8		0.2		0.0		0.4		0.2
Wetland Areas (Acres)		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0
<i>Weighted</i>		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0
Floodplain Areas (Acres)		12.9		12.9		12.9		12.9		12.9		12.9		12.9		12.9
<i>Weighted</i>		1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0
<b>Engineering</b>																
Miles of Rebuild with Existing T/L*		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0
<i>Weighted</i>		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0
Miles of Co-location with Existing T/L*		23.7		27.8		25.2		29.3		23.4		27.5		22.5		26.6
<i>Weighted</i>		0.6		0.9		0.7		1.0		0.6		0.9		0.5		0.8
		0.4		0.1		0.3		0.0		0.4		0.1		0.5		0.2
Total Project Costs		\$36,318,631		\$36,974,538		\$36,549,284		\$37,205,191		\$36,063,518		\$36,624,858		\$35,733,947		\$36,389,611
<i>Weighted</i>		0.2		0.4		0.3		0.5		0.1		0.3		0.0		0.2

TABLE 2: Alternative Route Features and Normalized Comparisons (cont'd from page 16)

Built	Route A r		Route B r		Route C r		Route D r		Route E r		Route F r		Route G r		Route H r	
	Unit	Feature	Unit	Feature	Unit	Feature	Unit	Feature	Unit	Feature	Unit	Feature	Unit	Feature	Unit	Feature
	0	Residences within the ROW	0		0		0		0		0		0		0	
<i>Weighted</i>	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	
	36	Proximity to Residences (300')	48		37		49		33		45		30		42	
<i>Weighted</i>	0.3		0.9		0.4		1.0		0.2		0.8		0.0		0.6	
	3	Proposed Residential Developments	2		3		2		3		2		3		2	
<i>Weighted</i>	1.0		0.0		1.0		0.0		1.0		0.0		1.0		0.0	
	1	Proximity to Commercial Buildings (300')	3		0		2		0		2		0		2	
<i>Weighted</i>	0.3		1.0		0.0		0.7		0.0		0.7		0.0		0.7	
	0	Proximity to Industrial Buildings (300')	0		0		0		0		0		0		0	
<i>Weighted</i>	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	
	0	School, DayCare, Church, Cemetery, Park Parcels (#)	0		0		0		0		0		0		0	
<i>Weighted</i>	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	
	1	NRHP Listed/Eligible Strucs./Districts (1500' from edge of RW)	2		0		1		0		1		0		1	
<i>Weighted</i>	0.5		1.0		0.0		0.5		0.0		0.5		0.0		0.5	
<b>Natural</b>																
	107.6	Natural Forests (Acres)	99.9		108.8		101.1		115.2		107.5		109.0		101.2	
<i>Weighted</i>	0.2		0.0		0.2		0.0		0.4		0.2		0.2		0.0	
	54	Stream/River Crossings	53		54		53		50		49		51		50	
<i>Weighted</i>	1.0		0.8		1.0		0.8		0.2		0.0		0.4		0.2	
	0.0	Wetland Areas (Acres)	0.0		0.0		0.0		0.0		0.0		0.0		0.0	
<i>Weighted</i>	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	
	9.4	Floodplain Areas (Acres)	9.4		9.4		9.4		9.4		9.4		9.4		9.4	
<i>Weighted</i>	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	
<b>Engineering</b>																
	7.9	Miles of Rebuild with Existing T/L*	12.0		7.9		12.0		7.9		12.0		7.7		11.8	
<i>Weighted</i>	0.7		1.0		0.7		1.0		0.7		1.0		0.6		1.0	
	0.3		0.0		0.3		0.0		0.3		0.0		0.4		0.0	
<i>Weighted</i>	15.8	Miles of Co-location with Existing T/L*	15.8		17.3		17.3		15.5		15.5		14.8		14.8	
	0.1		0.1		0.2		0.2		0.0		0.0		0.0		0.0	
<i>Weighted</i>	0.9		0.9		0.8		0.8		1.0		1.0		1.0		1.0	
	\$37,503,485	Total Project Costs	\$38,723,081		\$37,734,026		\$38,953,622		\$37,154,045		\$38,373,641		\$36,893,565		\$38,112,921	
<i>Weighted</i>	0.5		0.9		0.6		1.0		0.4		0.8		0.4		0.7	

Selection of Preferred Route: Smith-West Garrard

TABLE 3: Built Environment (cont'd on page 19)

Built Feature	Route A	Route B	Route C	Route D	Route E	Route F	Route G	Route H
	Unit							
Residences within the ROW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Weighted</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Proximity to Residences (300')	0.32	0.95	0.37	1.00	0.16	0.79	0.00	0.63
<b>Weighted</b>	0.14	0.41	0.16	0.43	0.07	0.34	0.00	0.27
Proposed Residential Developments	1.00	0.00	1.00	0.00	1.00	0.00	1.00	0.00
<b>Weighted</b>	0.10	0.00	0.10	0.00	0.10	0.00	0.10	0.00
Proximity to Commercial Buildings (300')	0.33	1.00	0.00	0.87	0.00	0.67	0.00	0.67
<b>Weighted</b>	0.02	0.07	0.00	0.05	0.00	0.05	0.00	0.05
Proximity to Industrial Buildings (300')	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Weighted</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
School, DayCare, Church, Cemetery, Park Parcels (#)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Weighted</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NRHP Listed/Eligible Strucs./Districts (1500' from edge of RW)	0.50	1.00	0.00	0.50	0.00	0.50	0.00	0.50
<b>Weighted</b>	0.20	0.39	0.00	0.20	0.00	0.20	0.00	0.20
<b>TOTAL</b>	0.46	0.87	0.26	0.68	0.17	0.59	0.10	0.52
<b>WEIGHTED TOTAL</b>	0.33	0.63	0.19	0.49	0.12	0.42	0.07	0.37
Natural								
Natural Forests (Acres)	0.81	0.78	0.84	0.81	1.00	0.96	0.82	0.79
<b>Weighted</b>	0.59	0.57	0.62	0.59	0.73	0.71	0.61	0.58
Stream/River Crossings	1.00	0.80	1.00	0.80	0.20	0.00	0.40	0.20
<b>Weighted</b>	0.21	0.16	0.21	0.16	0.04	0.00	0.08	0.04
Wetland Areas (Acres)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Weighted</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Floodplain Areas (Acres)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
<b>Weighted</b>	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
<b>TOTAL</b>	0.86	0.80	0.88	0.82	0.84	0.77	0.75	0.68
<b>WEIGHTED TOTAL</b>	0.12	0.11	0.12	0.11	0.12	0.11	0.10	0.10
Engineering								
Miles of Rebuild with Existing T/L*	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
<b>Weighted</b>	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
Miles of Co-location with Existing T/L*	0.39	0.10	0.28	0.00	0.41	0.12	0.47	0.19
<b>Weighted</b>	0.20	0.05	0.15	0.00	0.21	0.07	0.25	0.10
Total Project Costs	0.18	0.39	0.25	0.46	0.10	0.28	0.00	0.20
<b>Weighted</b>	0.03	0.05	0.04	0.06	0.01	0.04	0.00	0.03
<b>TOTAL</b>	0.56	0.44	0.52	0.40	0.56	0.44	0.58	0.46
<b>WEIGHTED TOTAL</b>	0.08	0.06	0.07	0.06	0.08	0.06	0.08	0.06
<b>SUM OF WEIGHTED TOTALS</b>	0.53	0.80	0.38	0.66	0.32	0.59	0.26	0.53
<b>RANK</b>	10	16	6	14	4	12	2	11

Selection of Preferred Route: Smith-West Garrard

TABLE 3: Built Environment (cont'd from page 18)

Built	72%	Route A r	Route B r	Route C r	Route D r	Route E r	Route F r	Route G r	Route H r
Feature		Unit							
Residences within the ROW		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Weighted</b>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Proximity to Residences (300')	43.2%	0.32	0.95	0.37	1.00	0.16	0.79	0.00	0.63
<b>Weighted</b>		0.14	0.41	0.16	0.43	0.07	0.34	0.00	0.27
Proposed Residential Developments	10.3%	1.00	0.00	1.00	0.00	1.00	0.00	1.00	0.00
<b>Weighted</b>		0.10	0.00	0.10	0.00	0.10	0.00	0.10	0.00
Proximity to Commercial Buildings (300')	7.1%	0.33	1.00	0.00	0.67	0.00	0.67	0.00	0.67
<b>Weighted</b>		0.02	0.07	0.00	0.05	0.00	0.05	0.00	0.05
Proximity to Industrial Buildings (300')	0.0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Weighted</b>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
School, DayCare, Church, Cemetery, Park Parcels (#)	0.0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Weighted</b>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NRHP Listed/Eligible Strucs./Districts (1500' from edge of RW)	39.4%	0.50	1.00	0.00	0.50	0.00	0.50	0.00	0.50
<b>Weighted</b>		0.20	0.39	0.00	0.20	0.00	0.20	0.00	0.20
TOTAL	100.0%	0.46	0.87	0.26	0.68	0.17	0.59	0.10	0.52
<b>WEIGHTED TOTAL</b>		0.33	0.63	0.19	0.49	0.12	0.42	0.07	0.37
Natural	14%								
Natural Forests (Acres)	73.4%	0.19	0.00	0.22	0.03	0.38	0.19	0.23	0.03
<b>Weighted</b>		0.14	0.00	0.16	0.02	0.28	0.14	0.17	0.02
Stream/River Crossings	20.6%	1.00	0.80	1.00	0.80	0.20	0.00	0.40	0.20
<b>Weighted</b>		0.21	0.16	0.21	0.16	0.04	0.00	0.08	0.04
Wetland Areas (Acres)	0.0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Weighted</b>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Floodplain Areas (Acres)	6.0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Weighted</b>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	100.0%	0.35	0.16	0.37	0.19	0.32	0.14	0.25	0.07
<b>WEIGHTED TOTAL</b>		0.05	0.02	0.05	0.03	0.05	0.02	0.03	0.01
Engineering	14%								
Miles of Rebuild with Existing T/L*	33.3%	0.34	0.00	0.34	0.00	0.34	0.00	0.36	0.02
<b>Weighted</b>		0.11	0.00	0.11	0.00	0.11	0.00	0.12	0.01
Miles of Co-location with Existing T/L*	52.7%	0.93	0.93	0.83	0.83	0.95	0.95	1.00	1.00
<b>Weighted</b>		0.49	0.49	0.44	0.44	0.50	0.50	0.53	0.53
Total Project Costs	14.0%	0.55	0.93	0.62	1.00	0.44	0.82	0.36	0.74
<b>Weighted</b>		0.08	0.13	0.09	0.14	0.06	0.11	0.05	0.10
TOTAL	100.0%	0.68	0.62	0.64	0.58	0.68	0.62	0.70	0.64
<b>WEIGHTED TOTAL</b>		0.10	0.09	0.09	0.08	0.09	0.09	0.10	0.09
<b>SUM OF WEIGHTED TOTALS</b>		0.48	0.74	0.33	0.59	0.26	0.53	0.21	0.47
RANK		8	15	5	13	3	9	1	7

Selection of Preferred Route: Smith-West Garrard

TABLE 4: Natural Environment (cont'd on page 21)

Built	Feature	Route A	Route B	Route C	Route D	Route E	Route F	Route G	Route H
		Unit							
	Residences within the ROW	14%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Weighted</i>		0.0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Proximity to Residences (300')	43.2%	0.32	0.95	0.37	1.00	0.16	0.79	0.63
<i>Weighted</i>		0.14	0.41	0.16	0.43	0.07	0.34	0.00	0.27
	Proposed Residential Developments	10.3%	1.00	0.00	1.00	1.00	0.00	1.00	0.00
<i>Weighted</i>		0.10	0.00	0.10	0.00	0.10	0.00	0.10	0.00
	Proximity to Commercial Buildings (300')	7.1%	0.33	1.00	0.00	0.67	0.00	0.67	0.67
<i>Weighted</i>		0.02	0.07	0.00	0.05	0.00	0.05	0.00	0.05
	Proximity to Industrial Buildings (300')	0.0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Weighted</i>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	School, DayCare, Church, Cemetery, Park Parcels (#)	0.0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Weighted</i>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NRHP Listed/Eligible Strucs./Districts (1500' from edge of RW)	39.4%	0.50	1.00	0.00	0.50	0.00	0.50	0.50
<i>Weighted</i>		0.20	0.39	0.00	0.20	0.00	0.20	0.00	0.20
<b>TOTAL</b>		100.0%	0.46	0.87	0.26	0.68	0.17	0.59	0.52
<b>WEIGHTED TOTAL</b>		0.06	0.12	0.04	0.09	0.02	0.08	0.01	0.07
<b>Natural</b>		72%							
	Natural Forests (Acres)	73.4%	0.81	0.78	0.84	0.81	1.00	0.96	0.82
<i>Weighted</i>		0.59	0.57	0.62	0.59	0.73	0.71	0.61	0.58
	Stream/River Crossings	20.6%	1.00	0.80	1.00	0.80	0.20	0.00	0.40
<i>Weighted</i>		0.21	0.16	0.21	0.16	0.04	0.00	0.08	0.04
	Wetland Areas (Acres)	0.0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Weighted</i>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Floodplain Areas (Acres)	6.0%	1.00	1.00	1.00	1.00	1.00	1.00	1.00
<i>Weighted</i>		0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
<b>TOTAL</b>		100.0%	0.86	0.80	0.88	0.82	0.84	0.77	0.75
<b>WEIGHTED TOTAL</b>		0.62	0.57	0.64	0.59	0.60	0.55	0.54	0.49
<b>Engineering</b>		14%							
	Miles of Rebuild with Existing T/L*	33.3%	1.00	1.00	1.00	1.00	1.00	1.00	1.00
<i>Weighted</i>		0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
	Miles of Co-location with Existing T/L*	52.7%	0.39	0.10	0.28	0.00	0.41	0.12	0.47
<i>Weighted</i>		0.20	0.05	0.15	0.00	0.21	0.07	0.25	0.10
	Total Project Costs	14.0%	0.18	0.39	0.25	0.46	0.10	0.28	0.20
<i>Weighted</i>		0.03	0.05	0.04	0.06	0.01	0.04	0.00	0.03
<b>TOTAL</b>		100.0%	0.56	0.44	0.52	0.40	0.56	0.44	0.46
<b>WEIGHTED TOTAL</b>		0.08	0.06	0.07	0.06	0.06	0.06	0.08	0.06
<b>SUM OF WEIGHTED TOTALS</b>		0.76	0.76	0.74	0.74	0.70	0.70	0.63	0.63
<b>RANK</b>		16	15	14	13	12	11	10	9

Selection of Preferred Route: Smith-West Garrard

TABLE 4: Natural Environment (cont'd from page 20)

Built	Feature	Route A r	Route B r	Route C r	Route D r	Route E r	Route F r	Route G r	Route H r
		Unit							
	Residences within the ROW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>Weighted</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Proximity to Residences (300')	0.32	0.95	0.37	1.00	0.16	0.79	0.00	0.63
	<i>Weighted</i>	0.14	0.41	0.16	0.43	0.07	0.34	0.00	0.27
	Proposed Residential Developments	1.00	0.00	1.00	0.00	1.00	0.00	1.00	0.00
	<i>Weighted</i>	0.10	0.00	0.10	0.00	0.10	0.00	0.10	0.00
	Proximity to Commercial Buildings (300')	0.33	1.00	0.00	0.67	0.00	0.67	0.00	0.67
	<i>Weighted</i>	0.02	0.07	0.00	0.05	0.00	0.05	0.00	0.05
	Proximity to Industrial Buildings (300')	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>Weighted</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	School, DayCare, Church, Cemetery, Park Parcels (#)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>Weighted</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NRHP Listed/Eligible Strucs./Districts (1500' from edge of R/W)	0.50	1.00	0.00	0.50	0.00	0.50	0.00	0.50
	<i>Weighted</i>	0.20	0.39	0.00	0.20	0.00	0.20	0.00	0.20
	TOTAL	0.46	0.87	0.26	0.68	0.17	0.59	0.10	0.52
	WEIGHTED TOTAL	0.06	0.12	0.04	0.09	0.02	0.08	0.01	0.07
	<b>Natural</b>								
	Natural Forests (Acres)	0.19	0.00	0.22	0.03	0.38	0.19	0.23	0.03
	<i>Weighted</i>	0.14	0.00	0.16	0.02	0.28	0.14	0.17	0.02
	Stream/River Crossings	1.00	0.80	1.00	0.80	0.20	0.00	0.40	0.20
	<i>Weighted</i>	0.21	0.16	0.21	0.16	0.04	0.00	0.08	0.04
	Wetland Areas (Acres)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>Weighted</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Floodplain Areas (Acres)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>Weighted</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL	0.35	0.16	0.37	0.19	0.32	0.14	0.25	0.07
	WEIGHTED TOTAL	0.25	0.12	0.27	0.13	0.23	0.10	0.18	0.05
	<b>Engineering</b>								
	Miles of Rebuild with Existing T/L*	0.34	0.00	0.34	0.00	0.34	0.00	0.36	0.02
	<i>Weighted</i>	0.11	0.00	0.11	0.00	0.11	0.00	0.12	0.01
	Miles of Co-location with Existing T/L*	0.93	0.93	0.83	0.83	0.95	0.95	1.00	1.00
	<i>Weighted</i>	0.49	0.49	0.44	0.44	0.50	0.50	0.53	0.53
	Total Project Costs	0.55	0.93	0.62	1.00	0.44	0.82	0.36	0.74
	<i>Weighted</i>	0.08	0.13	0.09	0.14	0.06	0.11	0.05	0.10
	TOTAL	0.68	0.62	0.64	0.58	0.68	0.62	0.70	0.64
	WEIGHTED TOTAL	0.10	0.09	0.09	0.08	0.09	0.09	0.10	0.09
	SUM OF WEIGHTED TOTALS	0.41	0.33	0.39	0.31	0.35	0.27	0.29	0.21
	RANK	8	5	7	4	6	2	3	1

Selection of Preferred Route: Smith-West Garrard

TABLE 5: Engineering Environment (cont'd on page 23)

Built	Feature	Route A	Route B	Route C	Route D	Route E	Route F	Route G	Route H
		Unit							
	Residences within the ROW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Weighted</i>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Proximity to Residences (300')	43.2%	0.32	0.37	1.00	0.16	0.79	0.00	0.63
<i>Weighted</i>		0.14	0.41	0.16	0.43	0.07	0.34	0.00	0.27
	Proposed Residential Developments	10.3%	1.00	1.00	1.00	1.00	1.00	1.00	1.00
<i>Weighted</i>		0.10	0.00	0.10	0.00	0.10	0.00	0.10	0.00
	Proximity to Commercial Buildings (300')	7.1%	1.00	0.00	0.67	0.00	0.67	0.00	0.67
<i>Weighted</i>		0.02	0.07	0.00	0.05	0.00	0.05	0.00	0.05
	Proximity to Industrial Buildings (300')	0.0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Weighted</i>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	School, DayCare, Church, Cemetery, Park Parcels (#)	0.0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Weighted</i>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NRHP Listed/Eligible Strucs./Districts (1500' from edge of ROW)	39.4%	0.50	1.00	0.00	0.00	0.50	0.00	0.50
<i>Weighted</i>		0.20	0.39	0.00	0.20	0.00	0.20	0.00	0.20
	TOTAL	100.0%	0.46	0.87	0.26	0.68	0.17	0.59	0.10
<b>WEIGHTED TOTAL</b>		0.06	0.12	0.04	0.09	0.02	0.08	0.01	0.07
	Natural	14%							
	Natural Forests (Acres)	73.4%	0.81	0.78	0.84	0.81	1.00	0.96	0.82
<i>Weighted</i>		0.59	0.57	0.62	0.59	0.73	0.71	0.61	0.58
	Stream/River Crossings	20.6%	1.00	0.80	1.00	0.80	1.00	0.40	0.20
<i>Weighted</i>		0.21	0.16	0.21	0.16	0.04	0.00	0.08	0.04
	Wetland Areas (Acres)	0.0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Weighted</i>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Floodplain Areas (Acres)	6.0%	1.00	1.00	1.00	1.00	1.00	1.00	1.00
<i>Weighted</i>		0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
	TOTAL	100.0%	0.86	0.80	0.88	0.82	0.84	0.77	0.68
<b>WEIGHTED TOTAL</b>		0.12	0.11	0.12	0.11	0.12	0.11	0.10	0.10
	Engineering	72%							
	Miles of Rebuild with Existing T/L*	33.3%	1.00	1.00	1.00	1.00	1.00	1.00	1.00
<i>Weighted</i>		0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
	Miles of Co-location with Existing T/L*	52.7%	0.39	0.10	0.28	0.00	0.41	0.12	0.47
<i>Weighted</i>		0.20	0.05	0.15	0.00	0.21	0.07	0.25	0.10
	Total Project Costs	14.0%	0.18	0.39	0.25	0.46	0.10	0.28	0.20
<i>Weighted</i>		0.03	0.05	0.04	0.06	0.01	0.04	0.00	0.03
	TOTAL	100.0%	0.56	0.44	0.52	0.40	0.56	0.44	0.46
<b>WEIGHTED TOTAL</b>		0.40	0.32	0.37	0.29	0.40	0.31	0.42	0.33
	SUM OF WEIGHTED TOTALS	0.59	0.55	0.53	0.49	0.55	0.50	0.54	0.50
RANK		14	12	4	1	9	3	6	2

Selection of Preferred Route: Smith-West Garrard

TABLE 5: Engineering Environment (cont'd from page 22)

Built	14%	Route A r	Route B r	Route C r	Route D r	Route E r	Route F r	Route G r	Route H r
Feature		Unit							
Residences within the ROW		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Weighted</i>	0.0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Proximity to Residences (300')		0.32	0.95	0.37	1.00	0.16	0.79	0.00	0.63
<i>Weighted</i>	43.2%	0.14	0.41	0.16	0.43	0.07	0.34	0.00	0.27
Proposed Residential Developments		1.00	0.00	1.00	0.00	1.00	0.00	1.00	0.00
<i>Weighted</i>	10.3%	0.10	0.00	0.10	0.00	0.10	0.00	0.10	0.00
Proximity to Commercial Buildings (300')		0.33	1.00	0.00	0.67	0.00	0.67	0.00	0.67
<i>Weighted</i>	7.1%	0.02	0.07	0.00	0.05	0.00	0.05	0.00	0.05
Proximity to Industrial Buildings (300')		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Weighted</i>	0.0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
School, DayCare, Church, Cemetery, Park Parcels (#)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Weighted</i>	0.0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NRHP Listed/Eligible Strucs./Districts (1500' from edge of R/W)		0.50	1.00	0.00	0.50	0.00	0.50	0.00	0.50
<i>Weighted</i>	39.4%	0.20	0.39	0.00	0.20	0.00	0.20	0.00	0.20
TOTAL	100.0%	0.46	0.87	0.26	0.68	0.17	0.59	0.10	0.52
<b>WEIGHTED TOTAL</b>		0.06	0.12	0.04	0.09	0.02	0.08	0.01	0.07
<b>Natural</b>	14%								
Natural Forests (Acres)		0.19	0.00	0.22	0.03	0.38	0.19	0.23	0.03
<i>Weighted</i>	73.4%	0.14	0.00	0.16	0.02	0.28	0.14	0.17	0.02
Stream/River Crossings		1.00	0.80	1.00	0.80	0.20	0.00	0.40	0.20
<i>Weighted</i>	20.6%	0.21	0.16	0.21	0.16	0.04	0.00	0.08	0.04
Wetland Areas (Acres)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Weighted</i>	0.0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Floodplain Areas (Acres)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Weighted</i>	6.0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	100.0%	0.35	0.16	0.37	0.19	0.32	0.14	0.25	0.07
<b>WEIGHTED TOTAL</b>		0.05	0.02	0.05	0.03	0.05	0.02	0.03	0.01
<b>Engineering</b>	72%								
Miles of Rebuild with Existing T/L*		0.34	0.00	0.34	0.00	0.34	0.00	0.36	0.02
<i>Weighted</i>	33.3%	0.11	0.00	0.11	0.00	0.11	0.00	0.12	0.01
Miles of Co-location with Existing T/L*		0.93	0.93	0.93	0.93	0.95	0.95	1.00	1.00
<i>Weighted</i>	52.7%	0.49	0.49	0.44	0.44	0.50	0.50	0.53	0.53
Total Project Costs		0.55	0.93	0.62	1.00	0.44	0.82	0.36	0.74
<i>Weighted</i>	14.0%	0.08	0.13	0.09	0.14	0.06	0.11	0.05	0.10
TOTAL	100.0%	0.68	0.62	0.64	0.58	0.68	0.62	0.70	0.64
<b>WEIGHTED TOTAL</b>		0.49	0.45	0.46	0.41	0.49	0.44	0.50	0.46
<b>SUM OF WEIGHTED TOTALS</b>		0.60	0.59	0.55	0.54	0.56	0.55	0.55	0.54
<b>RANK</b>		16	15	10	5	13	8	11	7

Selection of Preferred Route: Smith-West Garrard

TABLE 6: Simple Average Comparison (cont'd on page 25)

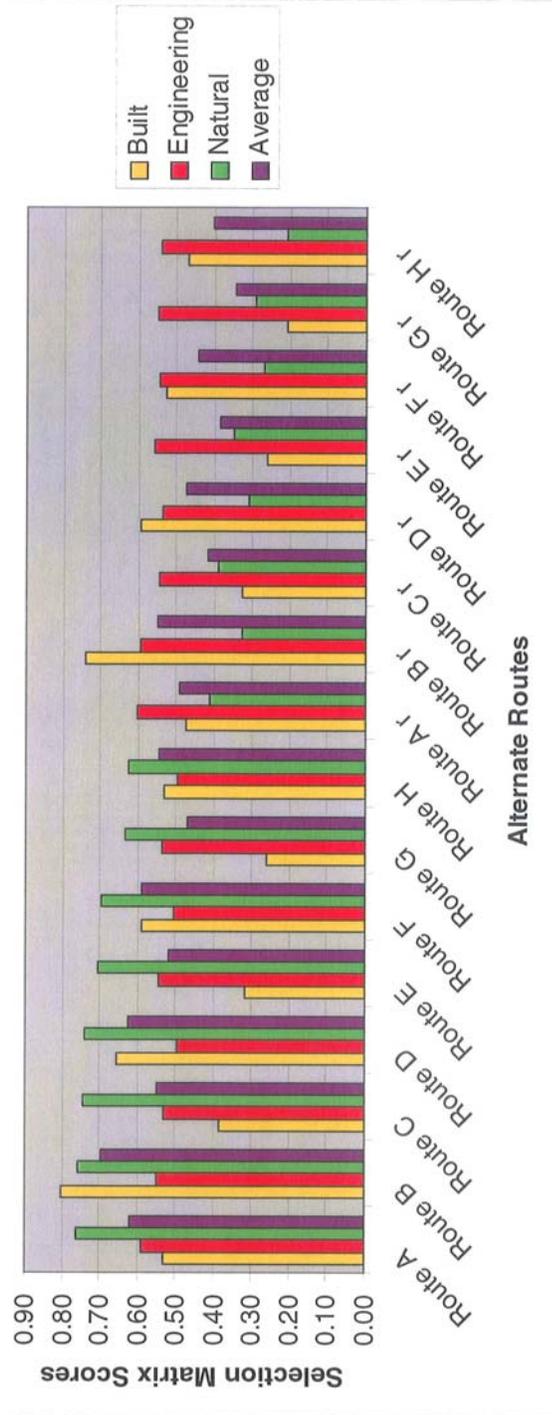
Built	Route A	Route B	Route C	Route D	Route E	Route F	Route G	Route H
Feature	Unit							
Residences within the ROW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Weighted</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Proximity to Residences (300')	0.32	0.95	0.37	1.00	0.16	0.79	0.00	0.63
<i>Weighted</i>	0.14	0.41	0.16	0.43	0.07	0.34	0.00	0.27
Proposed Residential Developments	1.00	0.00	1.00	0.00	1.00	0.00	1.00	0.00
<i>Weighted</i>	0.10	0.00	0.10	0.00	0.10	0.00	0.10	0.00
Proximity to Commercial Buildings (300')	0.33	1.00	0.00	0.67	0.00	0.67	0.00	0.67
<i>Weighted</i>	0.02	0.07	0.00	0.05	0.00	0.05	0.00	0.05
Proximity to Industrial Buildings (300')	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Weighted</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
School, DayCare, Church, Cemetery, Park Parcels (#)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Weighted</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NRHP Listed/Eligible Strucs./Districts (1500' from edge of R/W)	0.50	1.00	0.00	0.50	0.00	0.50	0.00	0.50
39.4%	0.20	0.39	0.00	0.20	0.00	0.20	0.00	0.20
TOTAL	0.46	0.87	0.26	0.68	0.17	0.59	0.10	0.52
WEIGHTED TOTAL	0.15	0.29	0.09	0.22	0.06	0.19	0.03	0.17
Natural	33%							
Natural Forests (Acres)	0.81	0.78	0.84	0.81	1.00	0.96	0.82	0.79
<i>Weighted</i>	0.59	0.57	0.62	0.59	0.73	0.71	0.61	0.58
Stream/River Crossings	1.00	0.80	1.00	0.80	0.20	0.00	0.40	0.20
20.6%	0.21	0.16	0.21	0.16	0.04	0.00	0.08	0.04
<i>Weighted</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wetland Areas (Acres)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Weighted</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Floodplain Areas (Acres)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
6.0%	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
<i>Weighted</i>	0.86	0.80	0.88	0.82	0.84	0.77	0.75	0.68
TOTAL	0.28	0.26	0.29	0.27	0.28	0.25	0.25	0.22
WEIGHTED TOTAL								
Engineering	33%							
Miles of Rebuild with Existing T/L*	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
33.3%	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
<i>Weighted</i>	0.39	0.10	0.28	0.00	0.41	0.12	0.47	0.19
Miles of Co-location with Existing T/L*	0.20	0.05	0.15	0.00	0.21	0.07	0.25	0.10
14.0%	0.18	0.39	0.25	0.46	0.10	0.28	0.00	0.20
Total Project Costs	0.03	0.05	0.04	0.06	0.01	0.04	0.00	0.03
<i>Weighted</i>	0.56	0.44	0.52	0.40	0.56	0.44	0.58	0.46
TOTAL	0.19	0.15	0.17	0.13	0.19	0.14	0.19	0.15
WEIGHTED TOTAL	0.62	0.70	0.55	0.62	0.52	0.59	0.47	0.55
SUM OF WEIGHTED TOTALS	14	16	12	15	9	13	6	10
RANK								

Selection of Preferred Route: Smith-West Garrard

TABLE 6: Simple Average Comparison (cont'd from page 24)

Built	33%	Route A r	Unit	Route B r	Unit	Route C r	Unit	Route D r	Unit	Route E r	Unit	Route F r	Unit	Route G r	Unit	Route H r	Unit
Residences within the ROW		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Weighted</i>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Proximity to Residences (300')		0.32	0.95	0.37	1.00	0.16	0.43	0.07	0.34	0.00	0.79	0.00	0.63	0.00	0.00	0.63	0.00
<i>Weighted</i>		0.14	0.41	0.16	0.16	0.43	0.07	0.34	0.00	0.34	0.00	0.00	0.27	0.00	0.00	0.27	0.00
Proposed Residential Developments		1.00	0.00	1.00	0.00	1.00	0.00	1.00	0.00	1.00	0.00	1.00	0.00	1.00	0.00	1.00	0.00
<i>Weighted</i>		0.10	0.00	0.10	0.00	0.10	0.00	0.10	0.00	0.10	0.00	0.10	0.00	0.10	0.00	0.10	0.00
Proximity to Commercial Buildings (300')		0.33	1.00	0.00	0.00	0.67	0.00	0.67	0.00	0.67	0.00	0.67	0.00	0.67	0.00	0.67	0.00
<i>Weighted</i>		0.02	0.07	0.00	0.00	0.05	0.00	0.05	0.00	0.05	0.00	0.05	0.00	0.05	0.00	0.05	0.00
Proximity to Industrial Buildings (300')		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Weighted</i>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
School, DayCare, Church, Cemetery, Park Parcels (#)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Weighted</i>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NRHP Listed/Eligible Strucs./Districts (1500' from edge of R/W)		0.50	1.00	0.00	0.00	0.50	0.50	0.00	0.50	0.00	0.50	0.00	0.50	0.00	0.00	0.50	0.00
<i>Weighted</i>		0.20	0.39	0.00	0.20	0.20	0.20	0.00	0.20	0.00	0.20	0.00	0.20	0.00	0.00	0.20	0.00
TOTAL		0.46	0.87	0.26	0.68	0.17	0.59	0.10	0.52	0.00	0.59	0.10	0.52	0.00	0.00	0.52	0.00
WEIGHTED TOTAL		0.15	0.29	0.09	0.22	0.06	0.19	0.03	0.17	0.00	0.19	0.03	0.17	0.00	0.00	0.17	0.00
Natural		0.19	0.00	0.22	0.03	0.38	0.19	0.23	0.03	0.00	0.19	0.23	0.03	0.00	0.00	0.03	0.00
Natural Forests (Acres)		0.14	0.00	0.16	0.02	0.28	0.14	0.17	0.02	0.00	0.14	0.17	0.02	0.00	0.00	0.02	0.00
<i>Weighted</i>		1.00	0.80	1.00	0.80	0.20	0.00	0.40	0.20	0.00	0.00	0.40	0.20	0.00	0.00	0.20	0.00
Stream/River Crossings		0.21	0.16	0.21	0.16	0.04	0.00	0.08	0.04	0.00	0.00	0.08	0.04	0.00	0.00	0.04	0.00
<i>Weighted</i>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wetland Areas (Acres)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Weighted</i>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Floodplain Areas (Acres)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Weighted</i>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL		0.35	0.16	0.37	0.19	0.32	0.14	0.25	0.07	0.00	0.14	0.25	0.07	0.00	0.00	0.07	0.00
WEIGHTED TOTAL		0.11	0.05	0.12	0.06	0.11	0.05	0.08	0.02	0.00	0.05	0.08	0.02	0.00	0.00	0.02	0.00
Engineering		0.34	0.00	0.34	0.00	0.34	0.00	0.36	0.02	0.00	0.36	0.02	0.00	0.00	0.00	0.02	0.00
Miles of Rebuild with Existing T/L*		0.11	0.00	0.11	0.00	0.11	0.00	0.12	0.01	0.00	0.12	0.01	0.00	0.00	0.01	0.00	0.00
<i>Weighted</i>		0.93	0.93	0.83	0.83	0.95	0.95	1.00	1.00	0.95	0.95	1.00	1.00	0.95	1.00	1.00	0.95
Miles of Co-location with Existing T/L*		0.49	0.49	0.44	0.44	0.50	0.50	0.53	0.53	0.50	0.50	0.53	0.53	0.50	0.53	0.53	0.50
<i>Weighted</i>		0.55	0.93	0.62	1.00	0.44	0.82	0.36	0.74	0.44	0.82	0.36	0.74	0.44	0.82	0.36	0.74
Total Project Costs		0.08	0.13	0.09	0.14	0.06	0.11	0.05	0.10	0.06	0.11	0.05	0.10	0.06	0.11	0.05	0.10
<i>Weighted</i>		0.68	0.62	0.64	0.58	0.68	0.62	0.70	0.64	0.68	0.62	0.70	0.64	0.68	0.62	0.70	0.64
TOTAL		0.22	0.20	0.21	0.19	0.22	0.20	0.23	0.21	0.22	0.20	0.23	0.21	0.22	0.20	0.23	0.21
WEIGHTED TOTAL		0.49	0.55	0.42	0.47	0.39	0.44	0.35	0.40	0.39	0.44	0.35	0.40	0.39	0.44	0.35	0.40
SUM OF WEIGHTED TOTALS		8	11	4	7	2	5	1	3	2	5	1	3	1	3	1	3
RANK																	

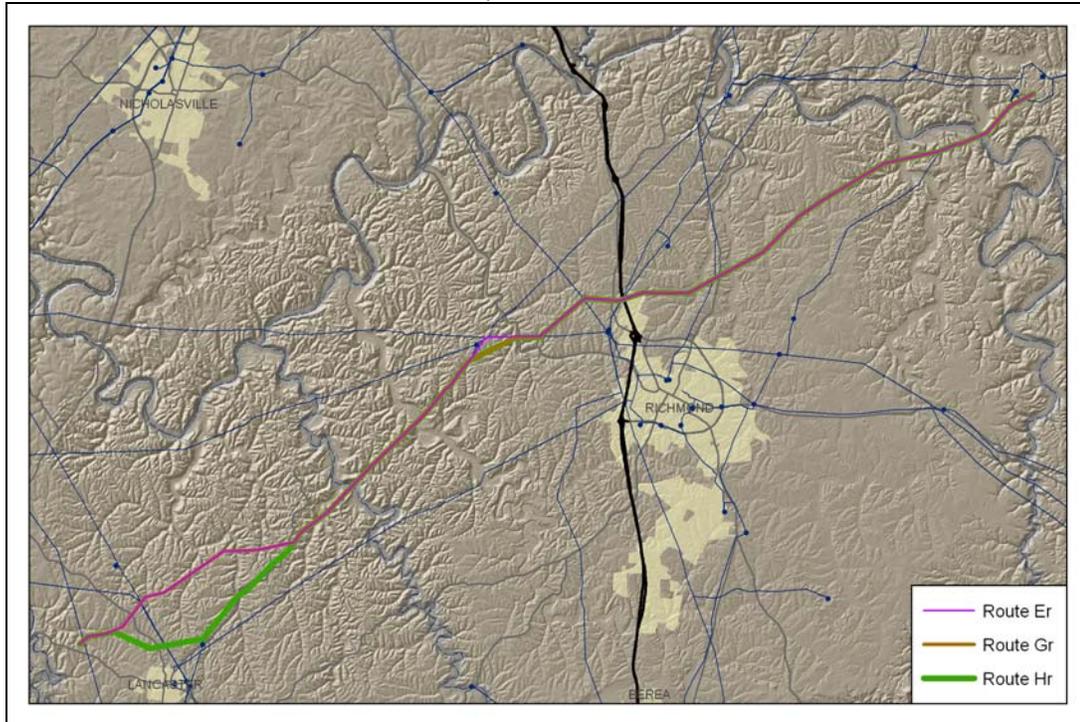
TABLE 7: Composite Scoring Comparison



	Route A	Route B	Route C	Route D	Route E	Route F	Route G	Route H	Route A r	Route B r	Route C r	Route D r	Route E r	Route F r	Route G r	Route H r
Built	0.53	0.80	0.38	0.66	0.32	0.59	0.26	0.53	0.48	0.74	0.33	0.59	0.26	0.53	0.21	0.47
Engineering	0.59	0.55	0.53	0.49	0.55	0.50	0.54	0.50	0.60	0.59	0.55	0.54	0.56	0.55	0.55	0.54
Natural	0.76	0.76	0.74	0.74	0.70	0.70	0.63	0.63	0.41	0.33	0.39	0.31	0.35	0.27	0.29	0.21
Average	0.62	0.70	0.55	0.62	0.52	0.59	0.47	0.55	0.49	0.55	0.42	0.47	0.39	0.44	0.35	0.40

## Selection of Preferred Route: Smith-West Garrard

**FIGURE 14: Alternative Routes Er, Gr and Hr**



## PART VI: EXPERT JUDGMENT

The final step of the EPRI-GTC routing methodology is to evaluate each of the final three routes by applying expert judgment. This step is accomplished by reviewing select issues on each of the routes, and assigning them a rating of low, medium, or high impact. Each of categories of expert judgment is listed below and a chart showing the final score is displayed in Table 8 below.

**TABLE 8: Expert Judgment Scoring**

EXPERT JUDGEMENT	1 = Low Impact 2 = Medium Impact 3 = High Impact			
	Per Project	Gr	Er	Hr
Visual Issues	5%	2	2	2
<i>Weighted</i>		0.1	0.1	0.1
Community Issues	40%	3	3	2
<i>Weighted</i>		1.2	1.2	0.8
Right-of-Way Schedule	25%	2	2	1
<i>Weighted</i>		0.5	0.5	0.25
Construction/ Maintenance Accessibility	5%	1	1	1
<i>Weighted</i>		0.05	0.05	0.05
Regulatory Issues	25%	2	2	1
<i>Weighted</i>		0.1	0.1	0.05
<b>TOTAL</b>				
	<b>100%</b>	1.95	1.95	1.25

**Visual Issues**—The siting team defined visual issues as impacts to people in the immediate area that are not directly crossed by the proposed transmission line project. Routes Er and Gr were considered to have medium impact on visual issues since they have 11.9 miles and 12.6 miles, respectively, of new right-of-way, which introduces a new visual impact to areas that are vacant of transmission lines at this time. Route Hr also was given a medium impact score due to the section of rebuild of the existing line near Ky. 39. Rebuild of the existing 69-kV transmission line in this area will require taller structures, which will be more visible from the road.

**Community Issues**—The siting team defined community issues as impacts on the public that result from the project. Routes Er and Gr are considered to have high impact as compared to Route Hr because of the greater length of greenfield right-of-way. Route Hr is considered a medium impact since it is mostly rebuild south of Newby substation. This impact is indicated by the amount of new acreage of easement that is required by the proposed routes. Routes Er and Gr will require approximately 452 and 455 acres of new easement, respectively, while Route Hr will require approximately 37 acres less of new easement.

**Rights-of-Way Schedule**—The siting team defined rights-of-way schedule as impacts on the project schedule due to right-of-way acquisition. Routes Er and Gr are considered to have medium impact compared to Route Hr because of the greater

## Selection of Preferred Route: Smith-West Garrard

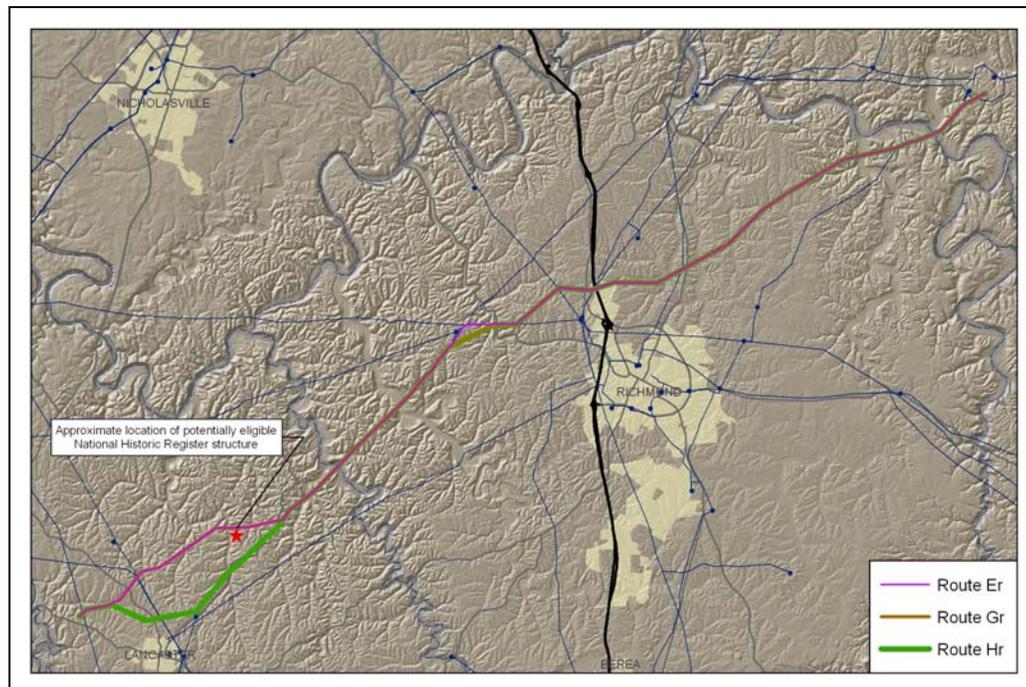
length of greenfield right-of-way, which would require new easements. Route Hr is considered low impact because it is mostly rebuild of an existing line south of the Newby substation and is co-located for approximately 75 percent of its length while Routes Er and Gr are co-located for only 66 percent and 64 percent, respectively.

**Construction/Maintenance Accessibility**—All three routes are given low impact scores due to reasonable access from existing roads and/or rights-of-way.

**Regulatory Issues**—Recent Kentucky Public Service Commission orders have highly encouraged utilities to co-locate and /or rebuild electric transmission lines whenever reasonable. Taking this into account, the siting team gave Routes Er and Gr medium impact scores because they have 2.9 miles and 3.6 miles more greenfield rights-of-way, respectively, than Route Hr. Route Hr was given a low impact score because it better reflects recent orders issued by the PSC on transmission line locations in Kentucky since it has more co-location than the other two routes.

The siting team also took into consideration issues that apply to impacts on cultural/historic resources. EKPC employed two cultural/historic consultants to inventory the Area of Potential Effect (APE), as agreed upon by EKPC, RUS, and the Kentucky State Historic Preservation Office. Initial findings revealed a structure that may be eligible for listing on the National Register of Historic Places. This structure is located on both Routes Er and Gr. The approximate location of this structure is shown on Figure 15 below. This finding contributed to the medium impact score for Routes Er and Gr.

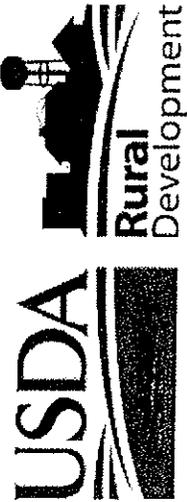
**FIGURE 15: Location of a Potentially Eligible Structure**



**PART VII: CONCLUSION**

Based on the total analysis, including the application of Expert Judgment, Route Hr was selected by EKPC as the preferred route.

+ Non-signing



**Scoping Meeting Sign-In Sheet**  
 Project Name: Smith - West Garrard 345 kV  
 Transmission Line and Switching Station  
 Date: July 11, 2006  
 Time: 3:00 PM - 7:00 PM

Name/Address

- 1 Mrs. Mrs. Talvo E. Puro 114 Redwood Dr. Richmond Ky 40475-8619
- 2 Fred Logan Simpson 2393 Sugar Creek Rd. Lancaster Ky 40444
- 3 Colin Rensch 106 Eastern Hills Dr. Richmond Ky 40475
- 4 Jim Cambill 325 TANGERIDGE LN Winchester, Ky 40391
- 5 Cynthia T. Stover 3036 Troquois Trail Richmond, Ky 40475
- 6 John Lackey 134 W. Main Richmond, Ky 40475
- 7 David Agueria 2299 College Hill Waco, Ga 30385
- 8 Floyd Hodges 1723 U. S. Rd. Richmond, Ky 40475
- 9 Dick Spach 1905 Spunford Rd. Lancaster, Ky 40464
- 10 Lynn Syster 375 Concord Rd. Richmond, Ky 40475
- 11 Ronald Pucher 500 Joeses Rd. Richmond, Ky 40475
- 12 John W. Runneman 1107 Bristol Dr. Richmond, Ky 40475
- 13 Mary Ann Helton 311 Jackie Creek Rd. Richmond, Ky 40475
- 14 ~~John Helton~~ " "
- 15 ~~Ann Anderson~~ 3381 Amy Rogers Rd. Lancaster, Ky 40444
- 16 ~~Paul Anderson~~ " "





**Scoping Meeting Sign-In Sheet - Agency Meeting**  
 Project Name: Smith - West Garrard 345 kV  
 Transmission Line and Switching Station  
 Date: July 11, 2006  
 Time: 3:00 PM - 7:00 PM

**Name/Address**

- 121 Stephanie Strength USDA Washington, DC (202)720-0468 Stephanie.Strength@wdc.dod.gov
- 122 Mike Norman R 495 859 253 4653 mknorm@wdc.dod.gov
- 123 Jamie-Rice Prother Heritage Council, Frankfort KY (502)664-7005 jamie-rice@hca.ky.gov
- 124 Samuel Miller USDA - NRCS 2150 Lexington Rd, Suite B, Richmond, Ky. 40475 sml@ky.gov
- 125 Joe Setters EKPC 4775 Lexington Road, Winchester KY 40391 joe.setters@ekpc.com
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### Comments/Questions

U. S. Department of Agriculture, Rural Development,  
Utilities Programs (Rural Utilities Service)  
Scoping Meeting

Smith – West Garrard 345kV Transmission Line and Switching  
Station Project  
Best Western Holiday Plaza, Richmond, KY  
July 11, 2006

Recorded by: GARRY HARVEY

Name: FRED SIMPSON

Address: JIM CLARK RD IN GARRARD CO.

Comments/Questions: MR. SIMPSON WAS INTERESTED IN THE ROUTE OF THE LINE IN RELATION TO HIS FARM AND ALSO HIS DISTRICT -> HE IS A MAGISTRATE. WE JUST WENT THROUGH THE DISPLAYS AND THE STUDY CORRIDORS. HE HAD A FEW QUESTIONS BUT NOT MANY COMMENTS.



### Comments/Questions

U. S. Department of Agriculture, Rural Development,  
Utilities Programs (Rural Utilities Service)  
Scoping Meeting

Smith – West Garrard 345kV Transmission Line and Switching  
Station Project  
Best Western Holiday Plaza, Richmond, KY  
July 11, 2006

Recorded by: GARRY HARVEY

Name: MARY LOU & CHARLES HILTON

Address: NEAR RIVA ROG RD IN RICHMOND

Comments/Questions: APPEARS THAT THEIR PROPERTY  
WILL PROBABLY NOT BE AFFECTED. MR. HILTON ADVISED  
OF AN AREA WHERE SOME DEVELOPMENT IS BEGINNING  
NEAR MCCORD LN. NORTH WEST OF RICHMOND.



Comments/Questions

U. S. Department of Agriculture, Rural Development,  
Utilities Programs (Rural Utilities Service)  
Scoping Meeting

Smith – West Garrard 345kV Transmission Line and Switching  
Station Project  
Best Western Holiday Plaza, Richmond, KY  
July 11, 2006

Recorded by: Bruce Murrey

Name: Steve MacIoneaux

Address:

Comments/Questions: Has KU line across  
property if a new easement is required  
will property owner be compensated?



Comments/Questions

U. S. Department of Agriculture, Rural Development,  
Utilities Programs (Rural Utilities Service)  
Scoping Meeting

Smith – West Garrard 345kV Transmission Line and Switching  
Station Project  
Best Western Holiday Plaza, Richmond, KY  
July 11, 2006

Recorded by:

Name: DAVE GERREIN

Address: MADISON CO.

Comments/Questions: WOULD LIKE TO SEE US  
FOLLOW EXISTING R/W.

September 21, 2006

Mr. Joe Settles  
 East Kentucky Power Cooperative  
 4775 Lexington Road  
 Winchester, KY 40391

Dear Mr. Settles:

My wife and I are the owners of the Bonta-Dowsley House, which is listed on the National Register of Historic Homes, and our property is adjacent to land which has been identified as a probable corridor for the proposed new power line near KY Highway 52 in Garrard County, KY.

In accordance with applicable federal statutes and regulations, I request that East Kentucky Power Cooperative include me as a consulting party on matters concerning this project, and that I receive appropriate information in timely fashion. Thank you sincerely.

My name and address are below.

signature:

Robert Crawford

name:

(ROBERT CRAWFORD)

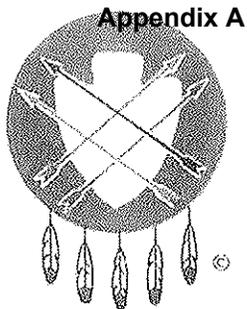
address:

P.O. Box 603

LANCASTER, KY 40444

phone:

[REDACTED]



**Public Comments from RUS Scoping**  
**PEORIA TRIBE OF INDIANS OF OKLAHOMA**  
118 S. Eight Tribes Trail (918) 540-2535 FAX (918) 540-2538  
P.O. Box 1527  
MIAMI, OKLAHOMA 74355

CHIEF  
John P. Froman  
SECOND CHIEF  
Jason Dollarhide

July 10, 2006

East KY Power Cooperative  
Attn: Joe Settles  
4475 Lexington Road  
Winchester, KY 40391

RE: Smith – West Garrad Transmission Line Project

Thank you for notice of the referenced project. The Peoria Tribe of Indians of Oklahoma is currently unaware of any documentation directly linking Indian Religious Sites to the proposed construction. In the event any items falling under the Native American Graves Protection and Repatriation Act (NAGPRA) are discovered during construction, the Peoria Tribe request notification and further consultation.

The Peoria Tribe has no objection to the proposed construction. However, if any human skeletal remains and/or any objects falling under NAGPRA are uncovered during construction, the construction should stop immediately, and the appropriate persons, including state and tribal NAGPRA representatives contacted.

Handwritten signature of John P. Froman.

John P. Froman  
Chief

xc: Bud Ellis, Repatriation/NAGPRA Committee Chairman

TREASURER  
John Sharp

SECRETARY  
Hank Downum

FIRST COUNCILMAN  
Claude Landers

SECOND COUNCILMAN  
Jenny Rampey

THIRD COUNCILMAN  
Alan Goforth



Comments/Questions

U. S. Department of Agriculture, Rural Development,  
 Utilities Programs (Rural Utilities Service)  
 Scoping Meeting

Smith – West Garrard 345kV Transmission Line and Switching  
 Station Project  
 Best Western Holiday Plaza, Richmond, KY  
 July 11, 2006

Recorded by:

Name: John W. Anderson / Karen Anderson  
 Address: 3381 Penny Rogers Rd, Lancaster, Ky 40444  
 Comments/Questions:

Any New Line should follow EXISTING  
RIGHTS OF WAY. WITH Few EXCEPTIONS.

We have ENOUGH land TAKEN up by ROADS,  
GAS LINES & Power Line RIGHTS OF WAY NOW.



Comments/Questions

U. S. Department of Agriculture, Rural Development,
Utilities Programs (Rural Utilities Service)
Scoping Meeting

Smith - West Garrard 345kV Transmission Line and Switching
Station Project
Best Western Holiday Plaza, Richmond, KY
July 11, 2006

Must be received by August 10th

- 1 Will this effect the people living in this area health wise
2 Could it have been built in some other area rather than here?
3 Is there a possibility that it will or can be located some place else
4 I understand there will be a noise

Optional: Name: will be annoying.
Mary G. Hunt 1243 Boone's Creek Rd
Address: Raveston Ky.

If you would like to take this form with you, please mail to:
Stephanie A. Strength
USDA, Rural Utilities Service,
Engineering & Environmental Staff
1400 Independence Ave. SW
Mail Stop 1571, Room 2244
Washington, DC 20250-1570
202-720-0468 or stephanie.strength@wdc.usda.gov
For further information please visit: http://www.usda.gov/rus/water/ees/ea.htm



## Comments/Questions

U. S. Department of Agriculture, Rural Development,  
Utilities Programs (Rural Utilities Service)  
Scoping Meeting

Smith – West Garrard 345kV Transmission Line and Switching  
Station Project  
Best Western Holiday Plaza, Richmond, KY  
July 11, 2006

Must be received by August 10<sup>th</sup>

The new right-of-way between Buckey substation and a proposed new Huge sub-station at the corner of Danville Road and Boneb Creek Road in Garrard County should not be built. It is wrong to use federal tax dollars to cause such economic, cultural, and scenic damage at this spot which reaches all across the North end from East to West of the county seat town of Lancaster, KY.

Optional: Name: Bob and Ann Crawford

Address: P.O. Box 603, Lancaster, KY 40444

If you would like to take this form with you, please mail to:

Stephanie A. Strength  
USDA, Rural Utilities Service,  
Engineering & Environmental Staff  
1400 Independence Ave. SW  
Mail Stop 1571, Room 2244  
Washington, DC 20250-1570

202-720-0468 or [stephanie.strength@wdc.usda.gov](mailto:stephanie.strength@wdc.usda.gov)

For further information please visit: <http://www.usda.gov/rus/water/ees/ea.htm>



## Comments/Questions

U. S. Department of Agriculture, Rural Development,  
Utilities Programs (Rural Utilities Service)  
Scoping Meeting

Smith – West Garrard 345kV Transmission Line and Switching  
Station Project  
Best Western Holiday Plaza, Richmond, KY  
July 11, 2006

Must be received by August 10<sup>th</sup>

I have a farm on the corner of Red House Rd  
and Three Forks Rd in Madison County. In the early 1990's  
East Ky Power ran an easement through my property  
and they were very difficult to work with. I had volunteered  
to give them an easement if they would have moved  
the line closer to my property line, however they refused.  
I now have two power line easements crossing the same  
80 acre field, one from KU and the other from East Ky Power.

Optional: Name: Larry P. Jones

Address: 200 Bennett Ct. Richmond, Ky 40475

If you would like to take this form with you, please mail to:

Stephanie A. Strength  
USDA, Rural Utilities Service,  
Engineering & Environmental Staff  
1400 Independence Ave. SW  
Mail Stop 1571, Room 2244  
Washington, DC 20250-1570

202-720-0468 or [stephanie.strength@wdc.usda.gov](mailto:stephanie.strength@wdc.usda.gov)

For further information please visit: <http://www.usda.gov/rus/water/ees/ea.htm>

-----Original Message-----

**From:** saundrac2@aol.com [mailto:saundrac2@aol.com]

**Sent:** Friday, August 25, 2006 11:54 AM

**To:** Stephanie.Strength@wdc.usda.gov

**Cc:** Joe Settles

**Subject:** EKPC Smith- West Garrard construction project

Ms. Strength;

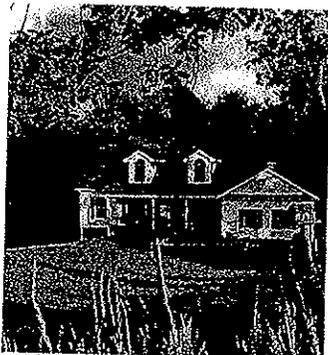
EKPC has had a notification in the Winchester Sun newspaper inviting property owners that may be affected by the new Smith - West Garrard project to make known their questions and concerns. My wife and I own property in Madison County that most probably will be involved in the construction. We contacted EKPC with some of our concerns, they suggested we should also inform you so that RUS will be aware that we may have some comments at the next open house scheduled for August 31. We believe all our comments and concerns can be satisfactorily responded to by EKPC's staff, however, we ask you to be aware of our intention to make some comments. Some of our comments may be as follows, others may be apparent after we see the design and how it may affect our property:

Specifically we are concerned about EMF and stray voltage, health and safety issues.

Line design as it relates to the amount of right of way easement needed.

The line location as it relates to an existing Texas Eastern high pressure gas transmission pipe line that crosses our property.

Mr. and Mrs James Caudill

*"Shadowlawn"*

Phillip &amp; Deirdre Price

233 Royalty Drive ❖ Lancaster, KY 40444

Phone: [REDACTED] ❖ Fax: [REDACTED]

E-mail: [REDACTED]

August 11, 2006

East Kentucky Power Co-op  
4775 Lexington Road  
P.O. Box 707  
Winchester, KY 40392-0707

To Whom It May Concern:

The attached letter and photos were both e-mailed and sent by U.S. Postal Service to the USDA, Rural Development, Utilities Programs, Engineering and Environmental Staff in Washington, DC. These items are being submitted for your review and consideration of our position regarding your proposed overhead transmission lines and substation in Garrard County.

As detailed in the attached letter, we feel these lines would mar the natural beauty, as well as presenting a health hazard to those living nearby. We would support legislation to require the lines to be run underground, as was done in the State of Connecticut in 2004.

Copies of this letter have also been sent to Governor Ernie Fletcher and Representative Lonnie Napier, House District 36.

Thank you for your consideration.

Sincerely,

  
Phillip R. Price

  
Deirdre L. Price

Enclosures

**RECEIVED** AUG 14 2006

*"Shadowlawn"*

Phillip &amp; Deirdre Price

233 Royalty Drive ❖ Lancaster, KY 40444

Phone: [REDACTED] ❖ Fax: [REDACTED]

E-mail: [REDACTED]

August 9, 2006

**COPY**

Stephanie Strength  
Environmental Protection Specialist  
USDA  
Rural Development, Utilities Programs  
Engineering and Environmental Staff  
1400 Independence Avenue, SW  
Stop 1571  
Washington, DC 20250-1571

Dear Ms. Strength:

This letter is written to express our family's opposition to the planned transmission line that will originate in Clark County, Kentucky, cross Madison County, and terminate at a planned substation near KY-52 and Boone's Creek Road, just outside of Lancaster, Garrard County, Kentucky. It is our understanding that lines will be strung from towers over 100 feet in height that will stretch from the substation near Lancaster to the Buckeye area of Garrard County, crossing US-27 near Sugar Creek Road.

The locations at KY-52/Boone's Creek Road and US-27/Sugar Creek Road lead us to believe that those monstrous towers will pass very near our property.

My wife and I moved to Kentucky from the Washington, DC, area following retirement after 25 years of federal service. We purchased secluded, wooded acreage, where we built our dream retirement home. We fled city living for this rural, pastoral environment to escape from the "concrete jungle" with its traffic congestion, pollution, and many miles of the same type of ugly high voltage towers that might now possibly end up in our backyard or very near it. Since East Kentucky Power

Page 2

Co-op (EKPC) seems reluctant to divulge the exact route of this line, we can't be entirely sure of the extent of impact to our property. We do know that there is a very good possibility that this terrible eyesore (and health hazard) may be visible from our home, as well as those of many other Garrard County residents.

We believe that EKPC and the USDA have handled this initiative poorly, and it gave the appearance of subterfuge. Until last week, the only scheduled meeting, to our knowledge, was held at Richmond in Madison County, KY, with minimal press coverage. Only after the meeting had already occurred were we made aware of a small article in the Lexington Herald-Leader. There was no announcement to Garrard County residents in the local newspaper prior to the meeting in Madison County, and no one of our personal acquaintance in this county had any prior knowledge of this meeting.

A meeting was subsequently held in Lancaster last week at the First Southern Bank. During that meeting local residents asked many good questions, but gained very little information from EKPC representatives. It appears that the die is cast without consideration of the concerns of those citizens most impacted by the proposed initiative, the people of Garrard County. Imminent Domain rules without heart, and without due consideration of the concerns of those most affected. I saw so much of this in my federal career and throughout my life – big government, big business and/or big utilities running roughshod over the poor, the middle class, the weak and/or under-represented “little guy.” It certainly does seem that less affluent, rural, agricultural, low density areas are often taken advantage of.

It appears this power line will be forced upon us, irregardless of our objections. In fact, at the Lancaster meeting, an EDPC representative hinted at this by basically stating that it was going to happen one way or another. The proposed power lines and substation will spoil our rural scenic beauty and destroy what my wife and I have worked a lifetime to achieve and own. We know there are others in this same position within the county, who came here planning to spend the rest of their lives in their dream home. Garrard County will not benefit one kilowatt from this project, but yet will be forced to bear the burden of its unsightliness, the diminished property values, not to mention the effect on the health of residents.

If EKPC insists on proceeding with this project to serve their customers in other counties, we hope there will at least be consideration given to buried lines. We know this can be done and, as I'm sure you're aware, there are studies to support our position.

Page 3

It would seem to us that it makes more sense to bury the lines, rather than expose them to the harsh elements, accidents involving airplanes or vehicles, or even vandalism. In 2004, there was an independent review in Connecticut of a proposed 345 KV power line upgrade that showed it was technically feasible to bury 10 to 20 miles of lines underground. Nick Comer, spokesman for EKPC, stated in the Lexington Herald-Leader article that burying the lines isn't feasible because it costs more than traditional overhead lines. We note that the planned line would stretch 35-37 miles. Based on the amount of monthly electric bills, we suspect that EKPC is in no financial distress. Additionally, adding new customers as a result of the planned line will generate even more revenue. EKPC fills the needs of energy users; however, it is not in the business out of any civic duty or responsibility, but rather to increase the stock value of the company and its investors. Money is always the bottom line. We would hope that the USDA would not let this project go forth based upon EKPC's monetary considerations alone.

This is a beautiful, scenic county, rich with abundant and varied wildlife species. It would be hard to gauge the impact of these high-voltage lines on the wildlife in this area. We are enclosing a photograph taken very near the proposed high-voltage towers and substation, so that you can see for yourself the scenic richness of the area. Can you imagine this scene being despoiled for untold miles by a wide path of mowed-down trees, monstrous 100-foot high-voltage towers and a huge, ugly substation? We're sure you can see our point.

We also object to the towers, not only for aesthetic reasons, but for possible devaluation of property values. There are studies whose findings reveal that when property/homes are located adjacent to or very near the towers, the value of that property can deteriorate by as much as 21%. While we have no plans to ever sell our home, perhaps some of our neighbors might need to do so in the future. My wife, who is younger than me, may find herself in that position someday also. The financial impact could be devastating.

We have also read studies dealing with the negative health effects on people living at or near high-voltage towers. Studies from across the U.S. and Europe, including a recent Oxford University study, show the link between magnetic fields greater than 2-4 MG and cancer. Children whose birth address was within 200 meters of an overhead power line had a 70% increased risk of leukemia. Children living 200 to 600 meters away still have a 20% increased risk of developing cancer.

Page 4

Also, based on a Pacific Northwest Natural Laboratory study involving rats and ozone, scientists identified a chemical reaction that might explain higher rates of illness observed among people exposed to strong electromagnetic fields, such as those produced by high-voltage power lines.

In addition, a California Department of Health Sciences Evaluation study concluded EMFs can cause some degree of increased risk of childhood leukemia, adult brain cancer, Lou Gehrig's Disease, miscarriages, and perhaps even suicide. This particular 2002 study was the culmination of a 9-year, \$7 million research effort. According to the study, "The evaluation used was a standard causation, which is a more rigorous test than the more common standard that seeks to demonstrate an association between EMFs and many of these diseases."

There are also studies showing disruption to cardiac pacemakers, and I happen to have an implanted pacemaker myself.

We can understand and appreciate the need to serve the nation's energy requirements; however, we believe it is possible to do so and still reduce the impact on the environment and those living in it, both humans and animals. "Invisible" underground power lines are a feasible and revolutionary approach to power transmission. In fact, a company called ABB USA promotes their "no EMF technology, delivering reliable, 'invisible' energy without any electromagnetic fields" through the use of underground power lines.

Other states have successfully fought the above ground transmission lines. Connecticut Governor John G. Rowland signed legislation in 2004 that requires new high-voltage lines to be buried, including a controversial project proposed by two major utilities. Both the state House and Senate overwhelmingly approved the restrictive measure that was hailed as the toughest in the country when it comes to regulating transmission lines. State Senator Winthrop Smith (R-Milford) said, "It's outstanding. The power companies kept saying, 'We can't do this. No one else has done this.' and we said, 'Oh, yes we can' – and we did." This information came from an article in the *Journal Register News Service*, 05/07/2004.

The article went on to say, "The bill was proposed by a dozen New Haven County lawmakers in response to plans by Connecticut Light & Power and United Illuminating to upgrade a 69-mile transmission line from Middletown to Norwalk. The

Page 5

utilities said the upgrade, from 115 kilovolts to 345 kilovolts, was needed to improve energy reliability in Fairfield County, which was consuming increasing amounts of electric power.”

State Senator Len Fasano (R-North Haven) stated: “This is a victory for the people in all the impacted towns. Nearly everyone who spoke to me about this legislation expressed concern over the health consequences of the electromagnetic fields. That’s why we included language requiring lines be placed underground unless NU and IU can prove it’s safe not to. The onus is now on them, which is how it should be.”

In our opinion, there should be a federal law like the state law in Connecticut requiring big utility companies to prove, through independent studies, the safety of overhead power lines to people and the environment – and requiring that power lines be buried underground.

It appears that the reason there is still a perception that power lines are not dangerous, despite all the evidence otherwise, is because rich corporations reward lobbyists and scientists handsomely for distorting scientific evidence in order to advance the corporations’ economic interests. This is all too common a practice in our country today, as discussed in a June 2005 article in the *Scientific American*.

We’re sure that we speak for many other Garrard County residents, some of whom may feel that they don’t have the power to “fight City Hall.” Our cause is pure and intended to make suggestions to arrive at the best possible answer to a bad situation.

We appreciate your consideration of our letter and welcome your comments.

Sincerely,



Phillip R. Price



Deirdre L. Price

cc: Kentucky Governor Ernie Fletcher  
State Rep. Lonnie Napier  
East Kentucky Power Cooperative



*Garrard County, KY  
View from KY-52*

*Photo by Dendrie Price*



*Garrard County, KY  
View from KY-52*

*Photo by Deirdre Price*

-----Original Message-----

**From:** Robert Ukeiley [mailto:rukeiley@igc.org]

**Sent:** Wednesday, August 30, 2006 3:21 PM

**To:** Joe Settles

**Subject:** EKPC Power Line Projects in Clark, Madison and Garrad Counties and proposed CFB at Smith Station

Joe Settles,  
EKPC  
4775 Lexington Road,  
Winchester, KY 40391  
[Joe.settles@ekpc.coop](mailto:Joe.settles@ekpc.coop)

Dear Mr. Settles:

On behalf of my client, the Sierra Club, I am requesting to be a consulting party with regard to the NEPA and other environmental analysis for the proposed transmission lines in Clark, Madison and Garrad Counties and the proposed coal-fired unit at the J.K. Smith Station.

Please send me notification of actions at the below address or via e-mail that this e-mail address. I appreciate your prompt attention to this matter.

Sincerely,

Robert Ukeiley  
Counsel for Sierra Club

Robert Ukeiley  
Law Office of Robert Ukeiley  
433 Chestnut Street  
Berea, KY 40403  
Tel: (859) 986-5402  
Fax: (859) 986-1299

QUESTIONNAIRE  
FOR  
PUBLIC PARTICIPATION IN  
SMITH-WEST GARRARD 345 KV  
TRANSMISSION LINE SITING

You may leave this form at the registration table as you leave tonight or pick up a return envelope already stamped in which to mail us the form at a later time. Responses must be received by **5:00 p.m. Tuesday, September 5, 2006** to be considered.

Smith-West Garrard 345 kV Transmission Line  
Project  
Siting Survey  
Page - 1

This survey will allow us to get your opinions on specific issues regarding the siting of our transmission line. Your response will assist our design group in understanding public concerns and allow them to incorporate those concerns in the final site selection. Thank you for your help.

1. The following information is optional but could be useful if follow-up is needed.  
**(Names and addresses are considered confidential and are for EKPC use only)**

Name Thomas R Masters County MADISON  
Address 1829 Red House Road  
Richmond, Ky 40415  
Location of property 1829 Red House Road, Richmond, Ky

2. Which of the following applies to your situation?

Live and work within the immediate area.  
 Frequently travel the roads in the immediate area.  
 Live in \_\_\_\_\_ County but not within the immediate area.  
 Other, please specify.  
\_\_\_\_\_

3. Many criteria are involved in the siting of a transmission line. Please choose the four most important to you in regard to the siting of this line. The most important item will be No. 1, the least important No. 4.

<input checked="" type="checkbox"/> Crossing Agricultural Land.	<input checked="" type="checkbox"/> Proximity to Barns or Sheds.
<input type="checkbox"/> Crossing Wooded or Forest Land.	<input type="checkbox"/> Proximity to Commercial or Industrial Areas.
<input type="checkbox"/> Crossing Streams or Wetlands.	<input type="checkbox"/> Proximity to Historic or Archaeological Sites.
<input type="checkbox"/> Road Crossings.	<input checked="" type="checkbox"/> Visibility.
<input checked="" type="checkbox"/> Proximity to Residences.	<input type="checkbox"/> Construction Cost.
	<input type="checkbox"/> Other, please specify below.

\_\_\_\_\_

Smith-West Garrard 345 kV Transmission Line  
Project  
Siting Survey  
Page -2

4. Are you aware of any buildings or landmarks in the study area that may be architecturally or historically important? If so, please specify location, names or addresses.

---

---

5. You may be aware of unique or specific information regarding this corridor. Please describe any special items of interest or concern below such as scenic areas, recreation areas or new homes. Please give the location of the item or contact one of the representatives to mark it on a map.

---

---

6. Please summarize what you feel are the most important qualities or resources of the area.

---

---

- \* If you have any additional comments, please list on back of this page.

This proposed crossing on my property (which is prime real estate in Madison County) will likely devalue my property. ~~AND~~ I have one field with road frontage that we may want to sell at retirement which would likely bring a high price. If you cross this field, it probably won't be usable for building residential. If you put the line on the other side it will be too close to our current residence where we are planning a future den addition. We already have one unsightly transmission line crossing the property and don't need another.

## PROCESS EVALUATION SURVEY

Please help us to improve the siting procedures, which you have participated in by completing this form.

Did this process give you:

- An adequate amount of information?  
 Too much information?  
 Not enough information?

Was advertisement for the open house:

- Adequate?  
 Inadequate?  
 Early enough?

— I heard of this by word of mouth  
 And did not receive a formal  
 invitation until I contacted EKPC.

Were most of your questions answered by:

- EKPC staff?  
 Written information?  
 Displays?

Do you feel that you know more about EKPC and its operation?

\_\_\_\_\_

Did you voice any questions that were not adequately addressed? Yes

If yes, what is your question and may we contact you to discuss?

\_\_\_\_\_

(h:Smith-WestGarrard.doc)

If you must cross our property again, a taller steel structure with all lines should be considered as a replacement for the current H-frame. Taking the line out of service for a smaller time of conversion should not be that big a deal if everything was done & ready.

QUESTIONNAIRE  
FOR  
PUBLIC PARTICIPATION IN  
SMITH-WEST GARRARD 345 KV  
TRANSMISSION LINE SITING

You may leave this form at the registration table as you leave tonight or pick up a return envelope already stamped in which to mail us the form at a later time. Responses must be received by 5:00 p.m. Tuesday, September 5, 2006 to be considered.

Smith-West Garrard 345 kV Transmission Line  
 Project  
 Siting Survey  
 Page - 1

This survey will allow us to get your opinions on specific issues regarding the siting of our transmission line. Your response will assist our design group in understanding public concerns and allow them to incorporate those concerns in the final site selection. Thank you for your help.

1. The following information is optional but could be useful if follow-up is needed.  
 (**Names and addresses are considered confidential and are for EKPC use only**)

Name Fred Logan Simpson County Garrard

Address 2393 Sugar Creek Road  
Lancaster, KY 40444

Location of property junction of Sugar Creek Road  
and Jim Clark Road - 4 miles north of Lancaster

2. Which of the following applies to your situation?

Live and work within the immediate area.  
 Frequently travel the roads in the immediate area.  
 Live in \_\_\_\_\_ County but not within the immediate area.  
 Other, please specify.  
 \_\_\_\_\_

3. Many criteria are involved in the siting of a transmission line. Please choose the four most important to you in regard to the siting of this line. The most important item will be No. 1, the least important No. 4.

<u>1</u> Crossing Agricultural Land.	<input type="checkbox"/> Proximity to Barns or Sheds.
<u>3</u> Crossing Wooded or Forest Land.	<input type="checkbox"/> Proximity to Commercial or Industrial Areas.
<input type="checkbox"/> Crossing Streams or Wetlands.	<u>4</u> Proximity to Historic or Archaeological Sites.
<input type="checkbox"/> Road Crossings.	<input type="checkbox"/> Visibility.
<u>2</u> Proximity to Residences.	<input type="checkbox"/> Construction Cost.
	<input type="checkbox"/> Other, please specify below.

\_\_\_\_\_

Smith-West Garrard 345 kV Transmission Line  
Project  
Siting Survey  
Page -2

4. Are you aware of any buildings or landmarks in the study area that may be architecturally or historically important? If so, please specify location, names or addresses.

yes, ca 1795 John Hutchanson cabin, now occupied as  
a residence across the road, / 1796 to 1831 home site of pioneer preach  
Randolph Hall  
His home is gone but site abounds in late 18<sup>th</sup>  
early 19<sup>th</sup> century artifacts

5. You may be aware of unique or specific information regarding this corridor. Please describe any special items of interest or concern below such as scenic areas, recreation areas or new homes. Please give the location of the item or contact one of the representatives to mark it on a map.

This entire area is worth about \$500 an acre to farm.  
Secluded tracts of 15 to 20 acres are often sold for up to \$4,000 an acre  
for country homes or mini-farms  
They have potential to be worth even more in the future.

6. Please summarize what you feel are the most important qualities or resources of the area.

open vistas & secluded ridges within easy drive  
to Lancaster, Danville, Lexington

- \* If you have any additional comments, please list on back of this page.

I feel that I have worked to keep this farm for so many years, thinking I would have a legacy for my two daughters. An electric transmission line across the main ridge virtually takes the market away for the secluded mini-farm market, the only market potential it has.  
Farming this type land is more a lifestyle, a way of life, not a real way to make a living.

## PROCESS EVALUATION SURVEY

*Please help us to improve the siting procedures, which you have participated in by completing this form.*

Did this process give you:

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 Too much information?  
 Not enough information?

Was advertisement for the open house:

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Were most of your questions answered by:

- EKPC staff?  
 Written information?  
 Displays?

Do you feel that you know more about EKPC and its operation?

yes, and sympathize to a degree  
But a route across my farm destroys a lifetime of hard work

Did you voice any questions that were not adequately addressed? not really

If yes, what is your question and may we contact you to discuss?

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1. The following information is optional but could be useful if follow-up is needed.  
 (Names and addresses are considered confidential and are for EKPC use only)

Name Mr and Mrs Paul R. Black County Garrard  
 Address 2488 Sugar CREEK Road  
Lancaster, Ky 40444  
 Location of property 4 miles from Lancaster on  
SUGAR CREEK Road - North on Hwy 1355

2. Which of the following applies to your situation?

Live and work within the immediate area.  
 Frequently travel the roads in the immediate area.  
 Live in \_\_\_\_\_ County but not within the immediate area.  
 Other, please specify.  
 \_\_\_\_\_

3. Many criteria are involved in the siting of a transmission line. Please choose the four most important to you in regard to the siting of this line. The most important item will be No. 1, the least important No. 4.

<input checked="" type="checkbox"/> Crossing Agricultural Land.	<input checked="" type="checkbox"/> Proximity to Barns or Sheds.
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<input type="checkbox"/> Crossing Streams or Wetlands.	<input checked="" type="checkbox"/> Proximity to Historic or Archaeological Sites.
<input type="checkbox"/> Road Crossings.	<input type="checkbox"/> Visibility.
<input checked="" type="checkbox"/> Proximity to Residences.	<input type="checkbox"/> Construction Cost.
	<input type="checkbox"/> Other, please specify below.

\_\_\_\_\_

Smith-West Garrard 345 kV Transmission Line  
Project  
Siting Survey  
Page -2

4. Are you aware of any buildings or landmarks in the study area that may be architecturally or historically important? If so, please specify location, names or addresses.

My Home - Over 250 years old -  
of Historical value

5. You may be aware of unique or specific information regarding this corridor. Please describe any special items of interest or concern below such as scenic areas, recreation areas or new homes. Please give the location of the item or contact one of the representatives to mark it on a map.

My Children someday planned to build their homes  
on my property. This line would destroy that opportunity.

6. Please summarize what you feel are the most important qualities or resources of the area.

My Home - being 250+ years old - Home is part  
log & we have lived <sup>on</sup> & owned this property 47 years.

- \* If you have any additional comments, please list on back of this page.

(Other)

Also if this ~~for~~ line comes through our property -  
this would greatly devalue our property -

## PROCESS EVALUATION SURVEY

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 Early enough?

Were most of your questions answered by:

- EKPC staff?  
 Written information?  
 Displays?

Do you feel that you know more about EKPC and its operation?

YES and No -

Did you voice any questions that were not adequately addressed? NO

If yes, what is your question and may we contact you to discuss?

(h:Smith-WestGarrard.doc)

\* Our T.V.I.S with NO ~~antennae~~ antennae provides excellent reception to all Lexington stations. with this line coming through so close by our property would destroy that service. I have a great concern about my cattle grazing near or under line -

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(Names and addresses are considered confidential and are for EKPC use only)

Name Harold Harris County Madison  
 Address 775 Peacock Rd  
Richmond KY 40475  
 Location of property 775 Peacock, Brookstown Rd

2. Which of the following applies to your situation?

Live and work within the immediate area.  
 Frequently travel the roads in the immediate area.  
 Live in \_\_\_\_\_ County but not within the immediate area.  
 Other, please specify.  
 \_\_\_\_\_

3. Many criteria are involved in the siting of a transmission line. Please choose the four most important to you in regard to the siting of this line. The most important item will be No. 1, the least important No. 4.

<input checked="" type="checkbox"/> Crossing Agricultural Land.	<input checked="" type="checkbox"/> Proximity to Barns or Sheds.
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<input type="checkbox"/> Road Crossings.	<input type="checkbox"/> Visibility.
<input checked="" type="checkbox"/> Proximity to Residences.	<input checked="" type="checkbox"/> Construction Cost.
	<input type="checkbox"/> Other, please specify below.

\_\_\_\_\_

Smith-West Garrard 345 kV Transmission Line  
Project  
Siting Survey  
Page -2

4. Are you aware of any buildings or landmarks in the study area that may be architecturally or historically important? If so, please specify location, names or addresses.

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5. You may be aware of unique or specific information regarding this corridor. Please describe any special items of interest or concern below such as scenic areas, recreation areas or new homes. Please give the location of the item or contact one of the representatives to mark it on a map.

Productive farmland

---

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6. Please summarize what you feel are the most important qualities or resources of the area.

Agriculture

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- \* If you have any additional comments, please list on back of this page.

## PROCESS EVALUATION SURVEY

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 Written information?  
 Displays?

Do you feel that you know more about EKPC and its operation?

NO

Did you voice any questions that were not adequately addressed? NO

If yes, what is your question and may we contact you to discuss?

\_\_\_\_\_

EK Map No(s)	First name	Last name	Open House comments	EKPC Followup
2	J. Todd & Billie L.	Scobee		
3, 5d	Russell & Cherie	Tracy		
4	William M. & Janice N.	Alexander		
5a, 5b	Tracy & Yana	Hoover	<b>T. Mumm:</b> Hoovers prefer line to parallel on north side. Hoovers complained about activities of EKPC contractor on previous project.	EKPC proposes to parallel existing line on north side on #5a, #5b.
5c	Donnie & Phyllis	Lainhart		
6, 7	Kathlyn	Friend	<b>H.K. Cunningham:</b> Ms. Friend wants gravel on land where Smith-Lake Reba crosses Clark Energy line. A pond bank and ruts need to be repaired.	T. Hayes of EKPC contacted Ms. Friend on 11-21-06 and discussed repairing roadway, fields and pond bank.
8	James E. & Betty Jane	Short		
9	Billy R. & Janet M.	Short	<b>B. Grillon:</b> Shorts have a cabin on the edge of the corridor. Shorts and EKPC have not settled on first line. Shorts say fences were damaged and roads left with trenches in them. Felt compensation on last line crossing was not fair.	EKPC to resolve easement damages on existing right-of-way.
10	Thomas & Susan	Clark		
11	G.E.	Black		
12, 15, 16	Reubin Jr. & Sherill	Bailey	<b>G. Harvey:</b> Mr. Bailey is unhappy with the project. He wants to lease property to EKPC instead of granting an easement. He said he prefers that new line be located on north side of existing line.	EKPC's proposed route is to the north of existing line.
13	J.C. & Ida O.	Wall		
14, 17	Edith	Smith		

EK Map No(s)	First name	Last name	Open House comments	EKPC Followup
19	Tanya Baker	Witt	<p><b>M.J. Warner:</b> After Sept. 5, call Duane Curry, codes enforcement officer at Madison County Planning &amp; Zoning, to see if EKPC should go to meeting 1st or 3rd Tuesday. Dr. Witt prefers brown steel. Clean up structures north of I-75 at 1st exit; erosion concerns; rebuild if possible. Water regulations in county. Would prefer EKPC build new double-circuit line, then move circuit over and tear down old line and poles.</p> <p><b>T. Mumm:</b> Dr. Witt would prefer rebuild because of erodable soil. Parallel on the north. I-75 crossing is messy. EKPC should meet with county planning board. Email contour map to [REDACTED]</p>	<p>R. Terrill emailed a contour map to Dr. Witt. In a followup phone conversation with Terrill, Dr. Witt said a field visit would not be necessary.</p> <p>N. Comer and R. Terrill made a presentation to the Madison County Planning and Zoning Commission on Dec.5, 2006. Several commission members expressed a preference that EKPC rebuild existing transmission lines rather than co-locating beside existing lines.</p> <p>EKPC is taking photos to document possible erosion.</p>
20	Harold B. & Martha H.	Barton	<p><b>B. Murrey:</b> Bartons prefer line on south side. OK to survey. 859-[REDACTED]</p>	<p>On EKPC Parcel #21, EKPC considered routing line on south side but would impact improvements on Parcel #22. In addition, would require guys.</p>
21, 29	Harold & Evelyn	Harris	<p><b>Returned open house survey.</b></p> <p><b>T. Mumm:</b> Mr. Harris prefers transmission line be located on south side with no guy wires. Keep out of fields.</p>	<p>Line could not be located south of existing line due to buildings on adjacent property.</p>
22	Joan	Shackelford		
23	William B. & Carlavon L.	Wells	<p><b>B. Grillon:</b> Property owner had questions about easement negotiations, which were addressed.</p>	
24	William Haden & Ruby	Harris	<p><b>D. Adams:</b> Mr. Harris' father owns #21 &amp; 31. The existing line has poles that have taken away good pasture land. Preference is for new line to be south of the existing line. Also, wants poles located so as not to take away good pasture land on his father's parcels. Wants to be notified about plans on his father's parcels.</p>	<p>Structures will be located outside of agricultural operations, if possible. Line could not be located south of existing line due to buildings on adjacent property.</p>
25		Hart Farms Ltd.		
26	Jeptha & Genevieve H.	Fortney	<p><b>T. Mumm:</b> Fortneys prefer line be located on south side. On previous occasions, have had problems with access, cutting fences and leaving gates open.</p>	<p>Buildings on Parcel #22 limit ability to move south.</p>
27	Pamela & Gloria Crabtree	Love		
28, 30	Terry Allen & Rosana	Wilson		
31	Harold	Harris	<p><b>Returned open house survey.</b></p> <p><b>T. Mumm:</b> Mr. Harris said he does not have a preference which side line is located.</p>	
32, 33	Orval M.	Reid		

EK Map No(s)	First name	Last name	Open House comments	EKPC Followup
34	Verna	Eaton		
35	Charles J. and Nicole M.	Neeley		
36	Donald G. & Sheile	Edwards		
37	Ruby	Pearson	<b>R. Terrill:</b> Land a little rougher. OK to survey. [REDACTED]	
38	Steven W.	Brassfield	<b>G. Harvey:</b> Mr. Brassfield's property is off the right of way but he is concerned about static on fences and metal roof. He prefers the line be on side away from his house.	Proposed route is located on side away from house.
39	Saundra V.	Caudill	<p><b>B. Grillon:</b> There is a 24" gas line on the western property line. Caudills prefer use of non-restricted herbicides.</p> <p><b>M.J. Warner:</b> Ms. Caudill wants advance calls on entry and for future maintenance. She wants to discuss restrictions on access path to easement and has concerns about "issues" vs. "money." She asked if there will be more circuits in future and expressed preference for double circuiting line. She also asked about other oppurtunities for input.</p> <p><b>J. Settles:</b> The Caudills are concerned about vultures roosting on structures.</p> <p><b>P. Dolloff:</b> Ms. Caudill has concerns about EMF and was offered materials.</p>	T. Hayes of EKPC met with Mr. Caudill on 11-16-06 to discuss a number of issues including the use of herbicides and entry to property.
40	Darrell N. & Sarah M. Noland	Cosby		

EK Map No(s)	First name	Last name	Open House comments	EKPC Followup
41, 42	James P. & Wavylen	Wells		
43	Paul & Mildred	Wells		
44	Michael O. & Lisa G.	Russell		
45	Herbert	Wolfenbarger	<b>D. Ballard:</b> B. Saia is considering purchasing this property.	
46	Ronald G. & Brenda P.	Reams	<b>D. Adams:</b> Mr. Reams had concerns about EMF that were addressed by P. Dolloff. <b>G. Harvey:</b> Mr. & Mrs. Eirich live in doublewide on property. They are OK with project. The Reams property is slightly outside the study area.	
47	Keith Turpin & Betty B.	Parke		
48	Cecil F. & Lillian J.	Sword	<b>G. Harvey:</b> Mr. Sword has no problem with the project. The existing line only clips his property. Looks like line will be on side away from house.	
49	Robert M. & Linda P.	Brant	<b>D. Ballard:</b> Not affected.	
50	Gene Alan	Bunch	<b>D. Ballard:</b> Mr. Bunch prefers line be located on northwest side of transmission line. OK to survey.	
51	Michael W. & Alice E.	Murphy	<b>R. Terrill:</b> Property is inside the corridor.	
52	Bennie Sue & Bobby R. Howard	Helton		
53	Edward T.	Rader		
54	Mary A.	Stamper		

EK Map No(s)	First name	Last name	Open House comments	EKPC Followup
55, 57	Allen D.	Grant		EKPC to verify ownership. City of Richmond might have purchased property.
56	Toby R. & Karen	Webb		EKPC to verify ownership of this parcel. City of Richmond might have purchased it.
58	Dorothy F.	Johnstone		
59	Mark F. & Carolyn Sue	Sweet		
60	Charles T. & Patsy N.	Baker		
61	Mitzi A. & Felix A.	Talamantez		
62	Thomas	Masters	<b>Returned open house survey.</b> T. Mumm noted "Thomas Masters" for this parcel. B. Grillon: Noted "Tom Masters" Property owner is planning on lot for his retirement. The north side of the parcel is preferred. Parcels #55 & #56 owned by city.	Cannot move around other properties because of impact on other property owners.
63	Dan C & Patti C.	Reynolds	<b>T. Mumm:</b> Not affected.	
64	Gary D. & Marianne	Reams		
65	Elinor Ann Hisle	Routt	<b>H.K. Cunningham:</b> Ms. Routt has concerns about EMF. EMF issues were addressed at open house.	
66	Stephen & Susan	Wells	<b>G. Harvey:</b> Outside of study area.	
67	Jack	Adams		
68, 70		Millard Jones Life Estate	<b>B. Sharp:</b> Mr. Jones said he wanted original line to be on northern property line.	EKPC proposed to construct line parallel to north of existing line.
69	W.H.	Coleman		EKPC to verify mailing address.
71	Laura G.	Fenton		
72	Evan H. & Lillian F.	McCord		
73	Coleman BOR	Witt		
74	Evan H. & Lillian F.	McCord	<b>D. Ballard:</b> Prefers route on northern side of existing transmission line. Cell: [REDACTED].	Proposed Route on North side of existing line.

EK Map No(s)	First name	Last name	Open House comments	EKPC Followup
75		William McCord Est	<b>D. Ballard:</b> Prefers route on northern side of existing transmission line. Cell: [REDACTED]	Proposed Route on North side of existing line.
76		Deatherage & Deatherage		
77	Peyton R.	Harrison		
78	Shirley	Durbin		
79	Charles J. and Nicole M.	Neeley		
80		Roundtree Corp.	<b>D. Adams:</b> Roundtree Corp. owns property. Market Street Timber Inc. is long-term lessee. They have stacks of timber. Four concerns: 1) They often move logs around with cherry pickers 25-30 feet in height. 2) They plan to build a storage building on higher elevation property. 3) Log crane is used to stack logs. 4) Use wireless handheld devices and concerned about interference.	Not being crossed.
81	Wayne	Lake	<b>G. Harvey:</b> Doris Horne owns property in several different locations. Prefers this property be crossed if one has to be. She would not give a preferred location for crossing this parcel. <b>J. Settles:</b> Ms. Horne is concerned about herbicides and application, especially that applicators would cause damage.	Herbicides policy on parcel will addressed in easement negotiation.
82, 83		Hager Family Limited Partnership	<b>B. Grillon:</b> Property owners wanted information about route. There are townhouses in corner of parcel.	Not being crossed. Sent letter to that effect.
84	Neville T. & Josephine	Cotton	<b>T. Mumm:</b> Property is being developed. No problem with corridor.	
85		Smith Children Irrevocable Trust	<b>R. Terrill:</b> Smiths prefer line go along north property line. There is already one line and a gas line. Prefer the Newby line.	EKPC to verify property line.

EK Map No(s)	First name	Last name	Open House comments	EKPC Followup
86	Richard Igo	Carr	<b>R. Terrill:</b> There is a gas line on the property. Mr. Carr does not want on northern part of property.	Proposed route will not cross northern portion of property. EKPC will verify property line and gas line.
87	C.S.	Wagers		
88, 89	Richard IV & Martha J.	Cobb	<b>T. Mumm:</b> Cobbs prefer that new line parallel existing line, if possible. If not, they prefer that line follow property line.	EKPC's proposed route does not cross #88 or #89.
90	David L. & Harriette	Williams		
91	Klinton	Gilkerson		
92	Darrell	Wells	<b>B. Sharp:</b> OK to survey	
93	W. Denyce	Wells	<b>B. Sharp:</b> OK to survey	
94	Dwayne	Wells	<b>B. Sharp:</b> OK to survey	
95	W. Dwayne	Wells	<b>B. Sharp:</b> OK to survey	
96	Archie & Sheila	Wathen		
97, 102	James R.	Kelley		
98, 104	James & Linda	Kelley	<b>H.K. Cunningham:</b> Mr. Kelley does not have a preference which side of the existing line the new line goes on. May lose a barn.	
99, 101	Alvin Jr. & Virginia	Foster		
100	David & Donna	Rhodus		
103, 105	Lynda H.	Stivers	<b>G. Harvey:</b> OK to survey. Call Ms. Stivers or Don Kelley (redacted), who takes care of property.	
106, 107	Barry & Joyce	Roberts	<b>D. Ballard:</b> Mr. Roberts said he would prefer the transmission line be located on the other side of the corridor.	EKPC's proposed route does not cross #106 or #107.
108	Jerry D. & Beverly Ann	Gumm		
109	Thomas E. & Deborah S.	Lane		
110, 112	Stevie David & Jamie Lynn	Caldwell		
111	David E.	Phillips		
113	Michael & Peggy	Azbill	<b>D. Ballard:</b> Azbills said either side of existing transmission line is OK. OK to survey. Phone: (redacted) <b>J. Settles:</b> Azbills said access road is washing out and they want to know if EKPC can help maintain road.	T. Hayes of EKPC contacted Mr. Azbill on 11-28-06 and discussed road maintenance issues.

EK Map No(s)	First name	Last name	Open House comments	EKPC Followup
114	Darrell	Osborne	<b>T. Mumm:</b> Mr. Osborne prefers new line stay south of existing line, and just south of barn is even better.	Proposed route will not cross #114.
115	Rhonda	Rule		
116	Arthur & Hazel	Turner		
117	Frank & Mertie	Jordan		
118	Melissa & Sarah	Turner		
119	Leonard & Linda	Robinson	<b>D. Adams:</b> Robinsons are concerned about EMF issues. One of them (or a neighbor) is a cancer survivor. (EMF concerns were addressed at open house.) <b>R. Terrill:</b> Parcel is in a subdivision.	
120	Sandra	Culpepper	<b>R. Terrill:</b> Parcel is in a subdivision.	Proposed route will not cross #120.
121	Max & Bonita	Kraft		
122	Donald & Catherine	Rosenfarb		
123	Albert	Robinson		
124	Roland	Conner		
125 & 135	Thomas M. & Margaret Ruth	Fox		
126	Robert & Deborah	Griffin		
127, 128	Jeffery & Michelle	Taylor		
129	Robert & Janis	Day		
130		Lionel Hill C/O Bonnie Hill		

EK Map No(s)	First name	Last name	Open House comments	EKPC Followup
131	Avery & Susan	Mullins		
132	Delbert & Carolyn B.	Ousley		
133		Coy & Jones		
134		GMR LLC		
136	Ardith	Ross		
137	Wallace	Reams		
138, 142	Joseph B.	Howard	<b>G. Harvey:</b> Mr. Howard said it is OK as long as line does not cut through the middle of the farm. Begin parallelling near east property line. (One property line shown on the open house maps is incorrect.) Parallel on the south if possible.	EKPC's proposed route parallels to south of existing line.
139, 141	Billy & Linda	Curtis		
140	Vernon & Lois	Mathis		
143	Barbara Jean	Smith		
144	Elvin & Angela	Smith		
145	Paul & Becky	Reams		
146	Eddie & Tammi	Warren		
147	Elizabeth A.	Doll		
148	Betty Jo	Harvey		
149, 150, 152, 153	James Darby & Rosemary	Harmon	<b>H.K. Cunningham:</b> Tracts will not be affected. Will be within sight. Mr. Harmon had EMF questions.	Harmons were mailed a packet of information regarding EMF by N. Comer on 11-6-06
151	Cleveland Jr. & Ima Jean LE	Perkins	<b>B. Murrey:</b> Parcel is outside of corridor.	
154, 160	Shirley W. & Cleo F.	Durbin		
155, 156	Durrane	Foster		
157		Pinpoint Properties LLC	<b>B. Grillon:</b> EKPC is crossing corner of property.	
158	Charles & Betty	Dargavell		
159	Billy G. & Brenda K.	Dargavell		

EK Map No(s)	First name	Last name	Open House comments	EKPC Followup
161, 163	Kenneth & Dorothy	Tudor	<b>D. Ballard:</b> Mr. Tudor plans to subdivide #163 into 20 lots. Prefers transmission line be located on south side of corridor in treeline. OK to survey. Also owns part of #160. Letter from attorney dated 9-5-06: EKPC can deal directly with Mr. Tudor but copy all correspondence to attorney (David L. Bohannon, Sword, Floyd & Moody, 218 W. Main St. Richmond, KY 40476-0300)	EKPC to verify with Mr. Tudor that it is OK to copy correspondence to attorney.
164	Kerri	Isaacs		
165	Jason & Kelli Stearman	Wright		
166	Mark & Elizabeth	Morrow	<b>B. Murrey:</b> OK to survey, but call first, [REDACTED] Mr. Morrow prefers double circuit and objects to greenfield crossing.	Double circuit was considered but was ruled out because of economic feasibility and proximity to houses on #164 and #165. B. Grillon met with Mr. Morrow on 1-30-07 to discuss options for adjusting proposed route.
167	Sue G.	Riley		
168	Darrell & Janice	Reece		
169	Gene & Ruth	Morris	<b>M.J. Warner:</b> Spoke with Mr. Jones: There are four houses on the same tract. It is a trust. It's not likely affected. He wanted to see structure type.	
170		Unknown		
171	Jonathon Scott & Jane	Guiley	<b>B. Sharp:</b> Possibly will not affect.	
172	Terry & Emily	Agee		
173	J.B. & Louise	Agee		
174, 176	Roscoe & Louise	Winkler		
175	W. Cloyd	Short		
177	Greeley B. & Larry Donald	Long		
178	Russell Jr. & Stephanie	Carson		EKPC to verify ownership.
179	William F.	Curtis		

EK Map No(s)	First name	Last name	Open House comments	EKPC Followup
180, 181	Don & Janice	Long	<b>R. Terrill:</b> Owner prefers EKPC build double-circuit line. No problem to parallell to the south. Do not enter field if it is wet.	EKPC proposes to rebuild existing line on #180 & #181..
182	Rachael L.	Hovermale	<b>G. Harvey:</b> Ms. Hovermale does not want another line on her property.	
183	Willard T. & Debra J.	Simpson		
184	Julius J. Jr. & Velinda S.	Roman		
185	Roy	Rogers	<b>B. Murrey:</b> Mr. Rogers said it is OK to survey but call first, [REDACTED] If line is paralleled, Mr. Rogers prefers new line be on south side.	EKPC proposes to rebuild existing line on #185.
186	Ruth Masters	Chandler		
187	Barry J. & Wayne L.	Webb	<b>R. Terrill:</b> Mr. Webb prefers north side. Tom Hayes to call about spraying. Work: [REDACTED], home: [REDACTED]	T. Hayes of EKPC contacted Mr. Webb on 10-22-06 and discussed herbicide application and entry to property. EKPC proposes to rebuild existing line on #187.
188	Jerry & Dorothy	Edington		
189	John	Cornelison		
190, 191, 192, 194		Minerich Inc.		

EK Map No(s)	First name	Last name	Open House comments	EKPC Followup
195, 196	Shelby Joe & Ann	Masters	<b>B. Murrey:</b> OK to survey. Masters prefer line on south side.	EKPC proposes to rebuild existing line on #195 & #196.
197, 200	Edward	Taylor		
193	Gordon & Sally J.	Cotton		
198	James R.	Cotton		
199	Alfred E. & Brandyn L.	Winkler		
201	William R.	Masters		
202	Kenneth & Brenda	Fowler		
203	Alco & Cleo	Ward		
204	James E. & Magalene	Tipton		
205	Wm. M. & Johny M.	Collins	<b>D. Ballard:</b> Mr. Collins had no problem with this location.	
206, 207	Lloyd Wilson	Rhodus		
208, 211	Norvaline Cates	Hale	<p><b>B. Sharp:</b> OK to survey but call first [REDACTED]</p> <p><b>D. Ballard:</b> Does not want transmission line located next to existing line.</p> <p><b>M.J. Warner:</b> (Attended East open house in Richmond.) Ms. Cates had questions about EMF. Discussed health issues from news/press. Took EMF information.</p> <p><b>M. Stevens:</b> OK to survey but call first. Ms. Hale has concerns about previous damage she says was done by EKPC.</p>	EKPC proposes to rebuild the existing line on #208 (might cross) & #211.
209	Jess	East		EKPC to verify ownership.
210	Neal & Dona	Rogers	<b>R. Terrill:</b> Wrong owner.	EKPC to verify ownership.
212	Hogan	Moore	<b>B. Murrey:</b> Property owner said when pole was replaced about one year ago, rocks were left in field. If EKPC parallels existing line, property owner prefers new line be on east side.	EKPC proposes to rebuild existing line on #212.
213	Edd	East		
214	Hogan & Pauline & Hogan	Moore		

EK Map No(s)	First name	Last name	Open House comments	EKPC Followup
215	Glenmore	Prather	<b>T. Mumm:</b> Prefers rebuild, but if that is not possible, parallel to the southeast. Concerned about tearing up fences, clearing right-of-way. [REDACTED]	EKPC proposes to rebuild existing line on #215.
216	Hogan & Pauline	Moore		
217	Jerome	Krumpelmon		
218	Marvin & Linda	Gill		
219	Priscilla Ann	Hawkins		
220	Newland Walker	May		
221, 225	William Kirby & Ann & Arthur	Teater	<b>D. Ballard:</b> Set up field meeting for 9-5-06 at 1 p.m.	EKPC personnel met in the field with Mr. Teater on Sept. 5, 2006.
222	Joe	Coker		
223	A.D.	East		
224	Raschell A.	Lemaster		
226, 251	Randy & Angie	Preston		
227, 231	Manford & Kathleen	Foley		
228, 229, 232, 243	F.C. & Alleta	Foley	<b>T. Mumm:</b> Foleys prefer that poles be set in fences, not in fields; go south of barn on #231, miss field on #232; colocate on either side if possible. <b>D. Meadows:</b> Foleys prefer that EKPC use existing line. If new line is necessary, they prefer it be outside fences on #243 and cross road south of barn and north of house on #231.	EKPC proposes to rebuild existing transmission line that crosses #228. A small relocation of existing line near #243 will result in an easement on corner of #243
230	Woody & Darrell	Rhodus		
233	Delbert	Newby		
234, 235, 237	Ronnie & Christine	Moberly		Centerline adjusted due to proximity to existing home.
236	Steven S. & Linda G.	Browning		
238	Fred & Hallie	Lear		
239		John Kennedy Heirs		
240	Carliss & Frances	Conley		
241	Laurence & Joyce	Land		
242	Dorothy	Long	<b>B. Sharp:</b> OK to survey but call first.	
244	Charles E. & Barbara	Ray	<b>J. Settles:</b> Prefer rebuild over parallel and prefer north route. <b>R. Terrill:</b> Prefer north route. Prefer rebuild. New owner.	EKPC plans to rebuild existing line on #244.
245	William & Dora	Godber		
246	Gail	Stewart		

EK Map No(s)	First name	Last name	Open House comments	EKPC Followup
247	Ethel D. & James Porter	Wilmot	<b>B. Grillon:</b> There is a shop on the property east of fields on west side. Mr. Wilmot would prefer line not be on the ridge. He is planning a pond. Contact about mitigation.	EKPC plans to rebuild existing line on #247.
248	James H. & Bruce	Warren		
249	James Henry	Warren		
250	James H. & Dorothy	Warren		
252, 276, 325, 326	Carlisle & Patricia A.	Stone	<b>M.J. Warner:</b> Stones asked about distance and EMF. Their home is near lines. They wanted to know about shielding by tractor cab. They took information and business card. <b>B. Sharp:</b> OK to survey but call first (cell: [REDACTED]). Stones are concerned about blind calves. Please remove old poles. Look at moving old guys near old hay rolls. <b>J. Settles:</b> Stones are concerned about herbicides and blind calves, as well as treatment on poles. On #325, move guy wires near hay field.	T. Hayes of EKPC contacted Mr. Stone on 11-22-06 and discussed herbicide application, guy wires and removal of old poles from property.
253	Russell D. & Agnes	Purcell	<b>M. Stevens:</b> OK to survey, but call first. Shop: [REDACTED]-[REDACTED]	
254	Roger	Purcell		
255, 267, 275, 282, 375		Teater Bros Inc	<b>B. Sharp:</b> Phone: [REDACTED]	EKPC personnel met in the field with William Teater on Sept. 5, 2006.
256	Patricia L. & Wm. Russell	Elmore	<b>M. Stevens:</b> Parcel has a newly built home that does not show up on map.	EKPC's proposed route does not cross #256.
257	Ronald & Theresa	Elwood		
258	Opal	McCulley		
259	Gary & Josephine	Ray	<b>B. Sharp:</b> Son has pacemaker.	
260	Terri Carter Odell	Murphy		
261	Othle W. & Barbara S.	Ray	<b>B. Grillon:</b> Gas line crosses property. Rays are concerned about grounding barns and fences. EKPC personnel addressed grounding of fences and buildngs at open house.	
262	Steven M. & Faye M. Campbell	Vagasky	<b>B. Grillon:</b> Mr. Vagaskey prefers line does not come up driveway or cut trees and says he is building house. He asked about constructing windmills. Responded that windmills are OK as long as they are not in easement.	EKPC's proposed route does not cross #262.
263	Eddie & Janet	Hasty		

EK Map No(s)	First name	Last name	Open House comments	EKPC Followup
264		Mary Dorothy McCulley Trust		
265	Charles & Rita	Dillard		
266	Shannon & Judy	Hasty		
268	Henry R.	Kelly		
269	Kevin & Deana	Oliver	<b>B. Sharp:</b> OK to survey but call first [REDACTED] [REDACTED]. Tennessee Natural Gas pipeline.	
270	William E. & Paula D.	Hammock		
272, 273	Maurice & Keith	Middleton		
278, 279	Earl & Loretta	Gibson		
271	William B.	Kelly		
274	Mark & Elizabeth	Strunk		
277	David	Gibson		
280, 327	Dwight Denny & Patricia	Ray		
281	Paul J. & Jewell W.	Baker	<b>R. Terrill:</b> Bakers do not want line and do not want spraying of herbicides. They say there have been livestock problems since spraying. They also have concerns about EMF. <b>J. Settles:</b> Bakers said neighbor may have problems with cattle.	T. Hayes of EKPC contacted Mrs. Baker on 11-27-06 and discussed applications of herbicides and entry to property.
283, 284	Robert L. & Debbie	Tudor		
285	Paul & Oneida	Black	<b>Returned open house survey.</b> <b>B. Grillon:</b> There is a barn on the edge of the corridor. Mr. Black said this parcel is the location of the John Hendrickson home site. <b>D. Meadows:</b> Mr. Black plans to use parcel as future home site for children. Parcel is site of 1770 John Hendrickson log cabin. <b>M.J. Warner:</b> Mr. Black is concerned about property value and future development. <b>B. Sharp:</b> Mr. Black is concerned about the route. He does not want the line. He would prefer line goes up the hollow. <b>J. Settles:</b> Mr. Black's home was an old log cabin. May need to investigate.	EKPC's proposed route does not cross #285.
286	Ronnie	Broaddus		

EK Map No(s)	First name	Last name	Open House comments	EKPC Followup
287	Marc & Gilbert	Creech		
288	Dennis & Claudia	Smith		
			<p><b>Returned open house survey.</b></p> <p><b>B. Grillon:</b> Mr. Simpson said there is a 1796 home site on the property that belonged to Randolph Hall, a preacher.</p> <p><b>B. Sharp:</b> Mr. Simpson is concerned about the route. He does not want the line. See about Jim Clark Road along the top of the hill. There are potential historic sites.</p> <p><b>D. Meadows:</b> Mr. Simpson plans to use parcel as a future home site for his children. Parcel #289 was site of 1796 Randolph Hall house that was destroyed by fire in 1830.</p> <p><b>M.J. Warner:</b> Mr. Simpson was concerned about property value and ruining high development potential. He asked why not use northern route? Explained to him further assessment and EKPC's conclusions. Mr. Simpson asked about negotiating an alignment. Explained next steps, including notice to property owners with plat and CPCN application. Explained EKPC could work on location until then and with minor adjustment after PSC action, if approved.</p> <p><b>J. Settles:</b> Mr. Simpson has archaeological concerns about #289. He says a 1700s-era house burned in 1830 and he recovers pottery, etc., when plowing.</p>	
289, 296	Fred Logan	Simpson		EKPC's proposed route does not cross #289 or #296.
290	Jimmy Ray	Doolin		
291	Jeffrey & Kimberly	Black		
292	James E. & Bertha	Montgomery		
293, 295	Kenneth & Barbara	Montgomery		
294	John Wesley	Gorman		
297	Robin	Whisman		
298	Paula	Tuggle		
299	Paul N. & Kathy R.	Tuggle	<b>D. Meadows:</b> Tuggles said they prefer line go on southern part of property.	EKPC's proposed route does not cross #299.
300	Gordon W. & Katherine J.	Hasty		
301	Ronald & Pamela	Ray		
302	David Allen Jr.	Ray		
303	David A. Sr & Carol	Ray		

EK Map No(s)	First name	Last name	Open House comments	EKPC Followup
304	Joe T.	Bilbrey	<b>B. Sharp:</b> OK to survey.	
305		Billy S. & Freda M. Pendleton Trust	Mr. Pendleton attended the Oct. 10, 2006 open house for the KU-Lancaster to Garrard Co. project and said he does not want transmission line on his property.	
306	Holton & Nancy	Howard	<b>B. Sharp:</b> All of the farm is now a platted subdivision. Could go along the subdivision and south side of the tract. <b>H.K. Cunningham:</b> Property has been subdivided. Can live with line on lower end, away from his house.	EKPC's proposed route does not cross #306.
307	Michael J.	King		
308-316		Landmasters AVG LLC		
317	Grover W. & Teresa	Drew		
318, 319, 320	Woodie & Marsha	Leavell		
321	Elizabeth	Clark	<b>D. Ballard:</b> Ms. Clark is mother of Virgil Clark who worked in right of way for the state Department of Transportation for 30+ years. Life estate in property. Ms. Clark prefers transmission line be located between their home (#321) and uncle's home (#380), and parallel property line.	EKPC's proposed route does not cross #321.
322	Roy & Debby	Davis		
323	Joseph D.	Beck		
324	Dan & Dorothy	Hall	<b>R. Terrill:</b> This parcel is along a rebuild section and existing line does not cross property.	
328	Gary	Jasper		
329	Sue	Poynter		

EK Map No(s)	First name	Last name	Open House comments	EKPC Followup
330, 331	Billy Joe & Janice	Yocum		
332, 334	Roy	Davis		
335	Roy & Sue	Davis		
336	Roy & Sue	Davis		
337	Roy & Sue	Davis		
338, 339	Gabriel & Sharon	Edwards		
340	Patsy K.	Hume		
341	Ernie & Aundria	Davis		
342	Billy & Bruce	McMillian	H.K. Cunningham: [REDACTED] - [REDACTED]	
343, 344, 347	Shane E. & Sheila K.	Meece		
345	Wm. Carroll & Patsy	Broadus	G. Harvey: Mr. Broadus does not want a line on his property. He has had a bad experience with another line. May be a cooperative line.	
346, 348	Thomas Robinson & Vicki	Naylor		
349	Kevin & Keith	Middleton		
350	Mitchell & Connie	Lamb	D. Ballard: Locate on back of property. Prefer it not be on their property.	EKPC's proposed route is on the back of #350.
351		Michael C Noe & Merit Livestock		
352	Eulalah	Gilliam		
353	Judith Kirby	Shearer		
354	Elzie & Carlie P.	Barker		

EK Map No(s)	First name	Last name	Open House comments	EKPC Followup
355	Edward & Lucinda	Barker		
356	Kenneth E. & Barbara	Montgomery		
357	Kenneth D.	Norton		
358	Ricky & Vickie	Bolton		
359	Allen & Tami L.	Pickett		
360	Sylvia	Reusche		
361	Sammy & Kimberly	Young		
362	John & Helen	Collins		
363	Earl & Noemi	Lane	<b>G. Harvey:</b> Unlikely they will be crossed. They are concerned about devaluing the property. <b>M.J. Warner:</b> Collected information about EMF.	
364	Rhonda	Vice		
365	Lorraine	Miller		
366	Joe	Leavell		
367	Kenneth & Phyllis	Underwood	<b>M.J. Warner:</b> Mr. Underwood collected EMF information and took some information for neighbor (Ophelia Parker, #368) and took business card. <b>D. Ballard:</b> Mr. Underwood does not want transmission line on this side of the corridor. He does not have a problem with the centerline of the corridor.	EKPC's proposed route does not cross #367.
368	Ophelia	Parker		
369	Para Lee	Bean		
370	Jimmy W.	Cox		
371		United Methodist Church	<b>B. Murrey:</b> OK to survey.	
372	Tom M. & Susan	Henderson		
373	Kevin E. & Charity M.	Foster	<b>B. Sharp:</b> Probably will not cross.	

EK Map No(s)	First name	Last name	Open House comments	EKPC Followup
374	Jimmy Rondal & Mildred	Broadus		
376	Judith	Clark		
377, 378	Donnie & Stella	Prewitt	<b>R. Terrill:</b> Gas line on property. Mr. Prewitt prefers that line come down property line. <b>J. Settles:</b> Property owner asked what bats were caught on the property. Settles responded that red bats and big brown bats were caught.	
379		David Daniel Mercy Inc		
380	Roy & Hildreth	Patterson		
381	Harry D. & Shirley	Howard	<b>B. Sharp:</b> Try to keep the line as far south on property as possible. <b>H.K. Cunningham:</b> Prefer to keep line to the south, if possible, south of pond.	EKPC's proposed route does not cross #381.
382	Radford W. & Nancy E.	Jones		
383	David E.	Patterson	<b>T. Mumm:</b> Will not be crossed.	
384	Phillip & Deirdre	Price	<b>D. Ballard:</b> Prices do not want line to cross their property and do not want to see the transmission line. Will not sell easement. Will start letter-writing campaign. There is a house on the back of the property. Two 4-acre tracts.	
385, 386, 387	Wm. Kirby & Ann C.	Teater		
388	Louis D. & Ann W.	Ball	<b>H.K. Cunningham:</b> Property is barely in corridor, unlikely to be affected.	
389,390	Jeffrey C. & Jamie	Hester	<b>B. Sharp:</b> OK to survey. <b>T. Mumm:</b> Hesters prefer that line go to the north on the back side of the ridge, don't cut trees and stay away from creek. <b>B. Murrey:</b> Mr. Hester prefers line to be as far away from residence as possible, along ridge, don't cut trees and stay away from creek. <b>J. Settles:</b> Mr. Hester requested that line be located as far away from house as possible and EKPC remove as few trees as possible. Mrs. Hester requested that EKPC take her school class netting.	
391	Wendell R. & Karen S.	Hatfield	<b>G. Harvey:</b> Mrs. Hatfield is concerned about cutting trees where her husband hunts. <b>M.J. Warner:</b> Mrs. Hatfield had questions about EMF. She took a packet of information.	

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392	Patricia D.	Sutton		
393	Arthur L. Jr.	Dunn		
394	Corbett & Deborah	Tolson	<b>B. Sharp:</b> Likely to cross.	
395	Colby	Arnold	<b>T. Mumm:</b> Prefers that line stay to the north.	EKPC to verify ownership.
396	Colby Clay & Joan C.	Arnold		
397	Samuel & Charles	Bourne		