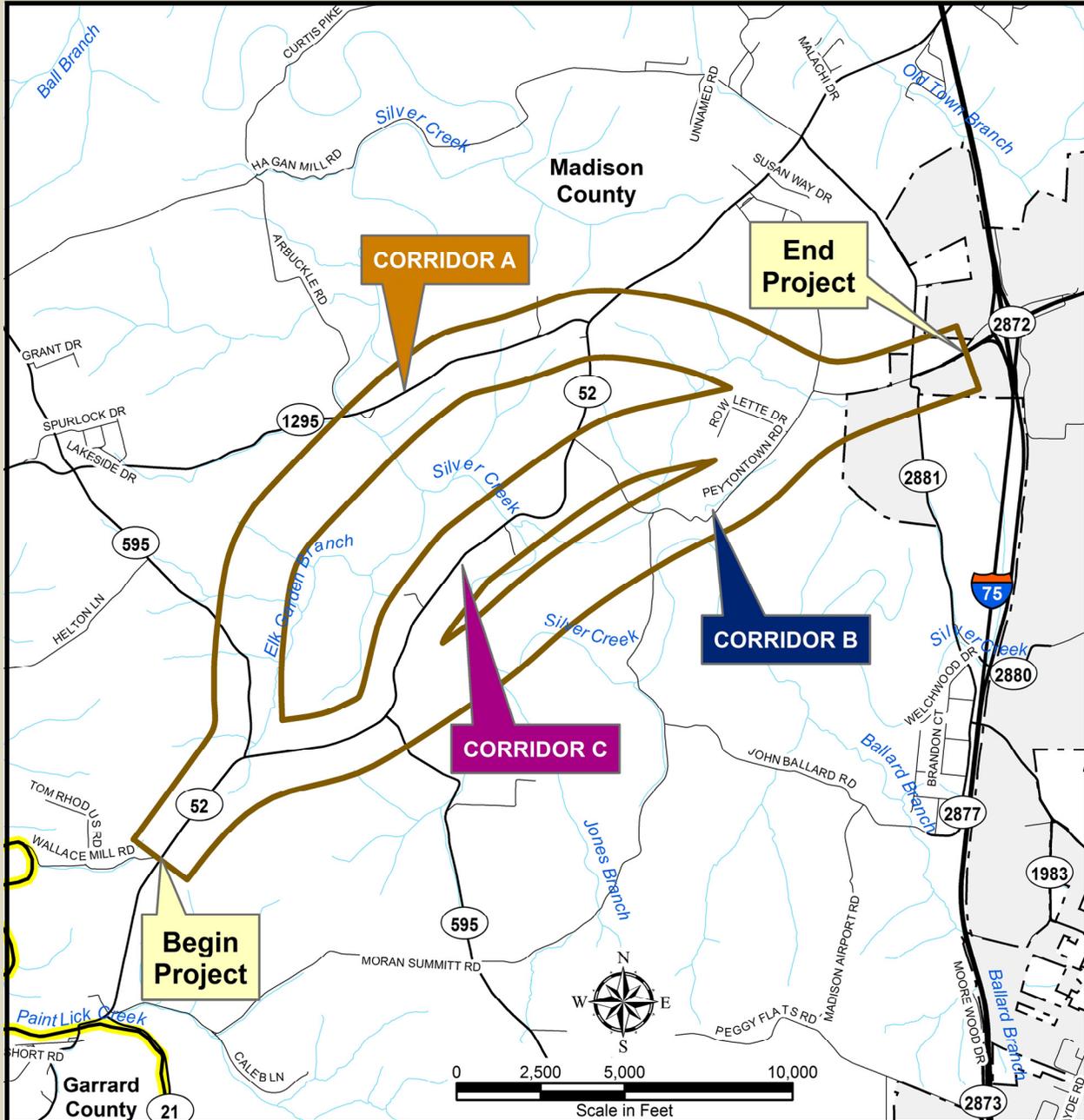


# KY 52 RELOCATION



## CORRIDOR STUDY PUBLIC MEETING

5:00 PM, Tuesday, May 13, 2014  
Kirksville Elementary School  
Madison County, Kentucky



## Corridor Study Public Meeting Handout

### Project Description

The proposed project involves the relocation of KY 52 from Wallace Mill Road to the Duncannon Lane interchange with Interstate 75 in Madison County. A previous Scoping Study has established three (3) potential corridors to be carried into the preliminary design phase. The purpose of this project is to improve safety, operations, traffic flow, accessibility, the potential for economic development, and connectivity in the transportation system of Madison County. The need is demonstrated by deficient geometry and safety concerns associated with the existing facility.

### Meeting Purpose and Goals

GRW Engineers, Inc. has been tasked with helping the Kentucky Transportation Cabinet (Department of Highways, District 7) to conduct a Corridor Study to verify the best corridor for this project. The purpose of this public meeting is to inform the public about the renewed development of the project and gather input to help determine the most desirable corridor location for further study.

### Estimated Project Schedule

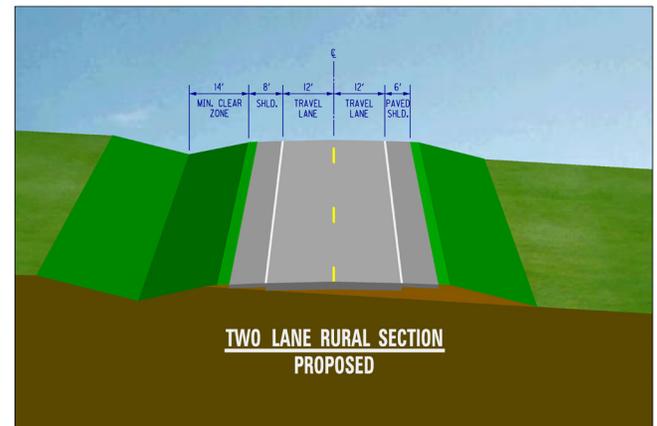
Corridor Study Public Meeting	May 13, 2014
Submit Final Corridor Study	July 2014
Preliminary Alternates	Fall 2014
Public Meeting 2	Fall 2014
Begin Final Design	Spring 2015

### Corridor Development

The project corridors **A (orange)**, **B (blue)**, and **C (purple)** are each 2000 feet wide and approximately six (6) miles long. A Scoping Study completed in June 2000 stated that Corridors A and B should be carried into preliminary design, while Corridor C was eliminated as impractical because there were too many environmental impacts and displacements to construct an appropriate alignment. However, Corridor C was modified and it was decided that it should be included as part of this Corridor Study. The corridors are shown on **Exhibit 1**.

### Typical Section

KY 52 has a functional classification of *rural arterial* in rolling terrain. Previous traffic from the Scoping Study did not indicate additional lanes were needed and a wider two-lane with improved shoulders is proposed. All horizontal and vertical geometry will meet the criteria for a 55 mph design speed. Travel lanes will be 12 feet wide and the typical section will include an eight (8) foot shoulder (6' paved). Access control for this project will be by permit. The proposed mainline typical section used for this Corridor Study is shown here.



### Meeting Materials

The materials presented at this meeting will be available online at the KYTC District 7 website. This information includes the electronic versions (PDF) of the aerial photo exhibits, design summary and this meeting handout. The website can be accessed at:

<http://transportation.ky.gov/District-7/Pages/default.aspx>

### Contact Information

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Kentucky Department of Highways  
District 7  
763 West New Circle Road  
Lexington, KY 40512

Phone: (859) 246-2355

Fax: (859) 246-2354

Email: [Joshua.Samples@ky.gov](mailto:Joshua.Samples@ky.gov)



## Design Information

A summary of the critical design elements for each design alternate may be found in the table below. Please note that all quantities and costs shown are approximate.

	Alternate A-1	Alternate A-2	Alternate B-1	Alternate B-2	Alternate C-1	Alternate C-2
<b>Mainline Length</b>	6.42 miles	6.37 miles	5.43 miles	5.45 miles	5.68 miles	5.69 miles
<b>Parcels Affected</b>	38	29	18	18	26	26
<b>Potential Right of Way Needed</b>	105 Acres	96 Acres	86 Acres	88 Acres	82 Acres	82 Acres
<b>Potential Structures Affected</b>	13	8	1	4	7	5
<i>Residential</i>	7**	5*	1	2	4*	3*
<i>Farm</i>	3	2	0	2	1	1
<i>Storage</i>	3	1	0	0	2	1
<b>Silver Creek Bridge Geometry</b>	444' length 4-span	437' length 4-span	558' length <sup>+</sup> 5-span	452' length <sup>+</sup> 4-span	625' length 6-span	645' length 6-span
<b>Earthwork (Roadway Excavation)</b>	641,000 cu. yds.	569,000 cu. yds.	590,000 cu. yds.	628,000 cu. yds.	730,000 cu. yds.**	629,000 cu. yds.**
<b>Blue Line Stream Crossings</b>	8	8	4	3	5	5
<b>Box Culverts</b>	2	2	3 <sup>#</sup>	3 <sup>#</sup>	3	3
<b>Pipe Culverts</b>	26	26	12	13	15	14
<b>Cultural Resources</b>	1	1	3	3	2	2
<b>TOTAL CONSTRUCTION COST</b>	<b>\$18.9 million</b>	<b>\$18.6 million</b>	<b>\$18.3 million</b>	<b>\$18.3 million</b>	<b>\$20.8 million</b>	<b>\$20.2 million</b>

- \* Includes one (1) abandoned residential taking
- \*\* Includes two (2) abandoned residential takings
- + Floodplain evaluation may require additional length

- ++ Unbalanced earthwork – includes approx. 200,000 c.y. of excess waste
- # Includes a box culvert under Peytontown Road approach

**KY 52 Relocation  
Madison County**



**May 13, 2014**

**Comment Form**

1) Please indicate with a check mark the corridor that you feel provides the best overall solution for the KY 52 Relocation project. Please provide any comments as to why you prefer this alternate.

- Corridor A (orange)**
- Corridor B (blue)**
- Corridor C (purple)**
- No-Build**

**Comments:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2) Please describe any changes you would suggest to improve the alternates presented for your preferred Corridor.

Alternate No. 1 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Alternate No. 2 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3) Please provide any information that could affect the location and design of the proposed roadway such as land features, utility locations, environmentally sensitive areas, cemetery locations, etc.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

*Please provide your name and address for our records:*

**NAME:** \_\_\_\_\_  
**ADDRESS:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Please return completed Comment Form by May 27<sup>th</sup> to:**  
Joshua Samples  
Kentucky Department of Highways  
District 7  
763 West New Circle Road  
Lexington, KY 40512

Commonwealth of Kentucky  
DEPARTMENT OF HIGHWAYS

CORRIDOR STUDY  
**KY 52 RELOCATION**  
MADISON COUNTY  
ITEM NO. 7-235.00

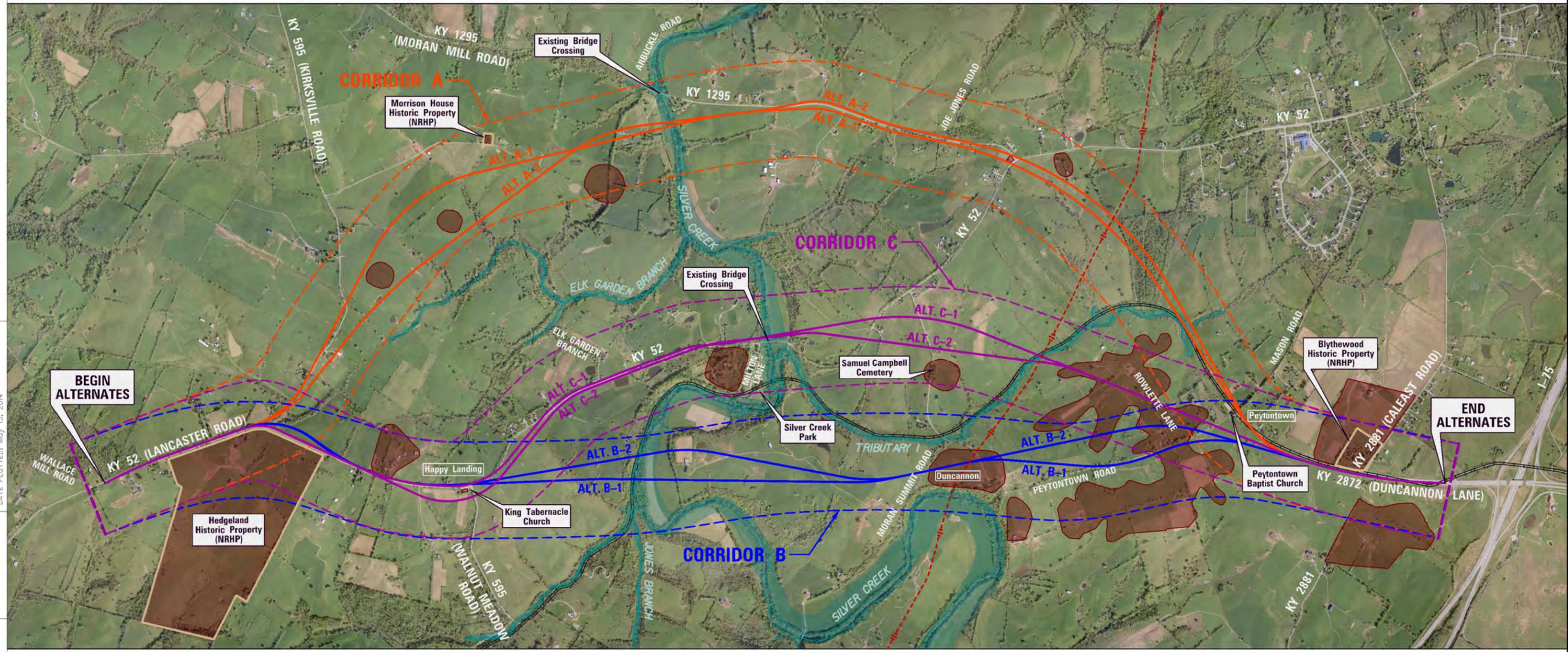


**LEGEND**

- CORRIDOR A ALTERNATES —
- CORRIDOR B ALTERNATES —
- CORRIDOR C ALTERNATES —
- EKPC-POWER TRANSMISSION LINES - - -
- FORMER L&N RAILROAD =
- ENVIRONMENTAL RED FLAG AREA
- NRHP SITE BOUNDARY
- FEMA 100 YEAR FLOODPLAIN



USER: gflister  
 DATE PLOTTED: May 13, 2014  
 FILE NAME: T:\4167-KY 52 MADISON PHASE 1\DOCUMENTS\MEETINGS\2014\_05-13 PUBLIC MEETING\CORRIDOR LOCATION MAP.DGN  
 E-SHEET NAME: v8.11.7.443  
 MicroStation v8.11.7.443



SCALE: 1"=2000'

EXHIBIT 1  
CORRIDOR LOCATION MAP  
KY 52 RELOCATION