

KY 146 RECONSTRUCTION

Henry County, Kentucky

PUBLIC MEETING

April 24, 2012





PURPOSE AND NEED

Project Purpose

improve safety while maintaining the efficiency of the route.

Project Need

The existing road has limited sight distance, primarily due to hills.

The lack of shoulders and roadside clear zone limits the opportunity for driver correction.



TRAFFIC

Average Daily Traffic in vehicles per day

2010: 4,200 vpd

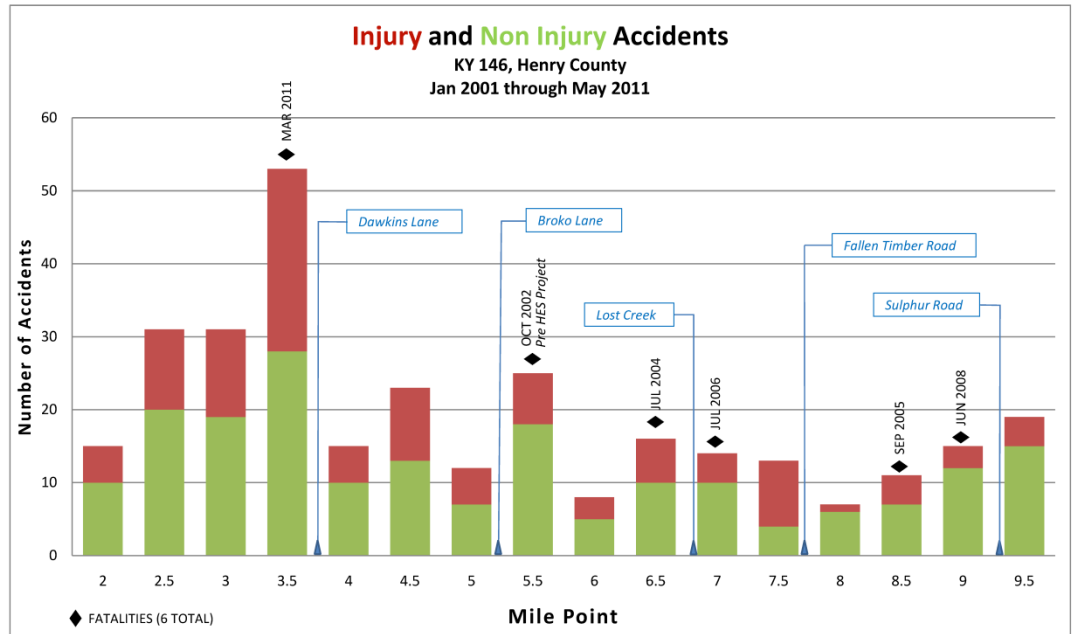
2032: 6,100 vpd

Two lane highways can usually accommodate
up to 20,000 vehicles per day.

ACCIDENTS

SINCE 2001

- ◆ Collisions: 240+
- ◆ Fatalities: 6
- ◆ Hot spots
 - ◆ Between KY 153 and Dawkins Lane
 - ◆ Fallen Timber Road intersection



Note: See chart exhibit for detailed information.

DEFICIENT GEOMETRY

- ◆ **VERTICAL:** 36 locations where hills limit sight distance.
- ◆ **HORIZONTAL:** 7 locations where curves limit sight distance.

These locations are directly related to the high frequency of accidents on this roadway project.

PROJECT CONSTRAINTS

Little Kentucky/Bartlett Creek Floodplain

Significant encroachment in the floodplain can affect flood stage and requires permitting.



Existing Bridges

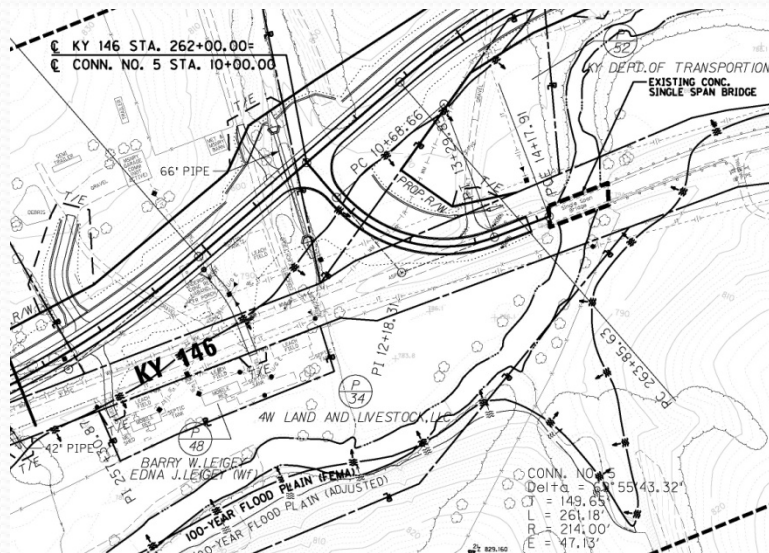
Built in the 1980's and still in good shape.
No need to replace them, but new alignments must match their location.
Exploring the need for widening.

PROJECT CONSTRAINTS (continued)

Property and Development

We want to minimize impacts to homes, businesses and farmland.

Unfortunately, some properties must be affected to improve the road.



Engineering Design

Appropriate design standards are necessary for a safe and efficient road.

ENVIRONMENTAL

To be eligible for Federal funding we are investigating:

- ◆ Area Biology
- ◆ Historic and pre-historic resources
- ◆ Hazardous materials
- ◆ Impacts on humans (social, economic, air quality, noise)

These investigations are underway and their results could affect the ultimate location of the proposed roadway.

FUNDING

Funding for this project is currently scheduled in the Six-Year Plan at the following levels:

PROJECT: *Major Reconstruction of KY 146 between New Castle at US-421 and Pendleton at KY 153.*

- ◆ **Segment 1:** Pendleton Road (KY 153) to Lost Creek (1/2 mile east of Safety Kleen entrance)
Mile point 2.1 to Mile Point 6.8

<u>PHASE</u>	<u>FUNDING*</u>	<u>FISCAL YEAR</u>	<u>AMOUNT</u>
RIGHT OF WAY	SB2	2012	\$ 1,400,000
UTILITIES	SB2	2012	\$ 1,400,000
CONSTRUCTION	SPP	2013	\$13,000,000

- ◆ **Segment 2:** Lost Creek (1/2 mile east of Safety Kleen entrance) to Main Street (US 421/KY 55)
Mile Point 6.8 to Mile Point 9.8

<u>PHASE</u>	<u>FUNDING*</u>	<u>FISCAL YEAR</u>	<u>AMOUNT</u>
RIGHT OF WAY	SB2	2012	\$ 1,900,000
UTILITIES	SB2	2012	\$ 2,550,000
CONSTRUCTION	SPP	2014	\$ 8,000,000

* *SB2 is State Bond funding and SPP is State Priority funding.*

PUBLIC INVOLVEMENT

Advisory Committee: A committee of representative stakeholders for the project was established with input from the local elected officials that includes business owners, farm owners, residents, county school system, law enforcement and elected officials.

Three (3) Advisory Committee meetings are planned for the project (two have been held), and two (2) public meetings are planned.

PUBLIC INVOLVEMENT

First Advisory Committee Meeting (November 4, 2010)

What we learned:

- ◆ *Several bad curves and lack of shoulders were noted.*
- ◆ *Three possible flooding locations were noted.*
- ◆ *No new subdivision or business locations were noted.*
- ◆ *An old school house and a cemetery were noted.*
- ◆ *Bicycle facilities would probably not get used.*
- ◆ *No place for farm traffic to pull off. Worst backup spots were noted.*
- ◆ *Keep on-street parking to Spring St. Center turn lane in town not needed.*
- ◆ *Add sidewalks in town. Crossing to get mail is a problem.*
- ◆ *KY 146 is an emergency bypass route.*
- ◆ *Speeding is believed to be a major problem.*

Note: More detailed information is available from a KYTC representative.

PUBLIC INVOLVEMENT

Second Advisory Committee Meeting (September 8, 2011)

Two preliminary alignments were presented.

What we learned:

Alternate preference:

4 favored **ALTERNATE NO. 1 (RED)**

6 favored **ALTERNATE NO. 2 (BLUE)**

2 favored NO-BUILD

Suggested improvements to the Alternates:

ALTERNATE NO. 1 – Straighten curves

ALTERNATE NO. 2 – No need for new alignment in Safety Kleen area (recently improved).
Straighten curves.

Note: More detailed information is available from a KYTC representative.

PUBLIC INVOLVEMENT

Second Advisory Committee Meeting (September 8, 2011) (continued)

Build segment priority:

5 favored Segment 1:

Pendleton Road (KY 153) to Lost Creek (1/2 mile east of Safety Kleen entrance)
Mile point 2.1 to Mile Point 6.8

0 favored Segment 2:

Lost Creek (1/2 mile east of Safety Kleen entrance) to Main Street (US 421/KY 55)
Mile Point 6.8 to Mile Point 9.8

Other information:

- ◆ Fix the curve beside Dawkins Lane first. Relative had a wreck here.
- ◆ Minimize property impacts. Work will be very close to houses.
- ◆ Make provisions to access property during construction.

Note: More detailed information is available from a KYTC representative.

TONIGHT'S PUBLIC MEETING

- ◆ A third alternate (**purple**) was developed based on input from the previous meetings to minimize property impacts between milepost 4.5 and Broko Lane.
- ◆ Please ask any KYTC or GRW representative if you have any questions or comments.
- ◆ Your input is very important to the project and will be considered.

Thank you for coming and please fill out and return the Questionnaire!

PROJECT TEAM



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END