The purpose of this planning study is to gather information necessary to develop and evaluate alternatives that would improve safety and traffic flow along the KY 76 corridor from US 127 to KY 206.

Draft Project Goals
The preliminary goals established for this project include:

1. Improve Safety by:
   a) Correcting horizontal and vertical deficiencies,
   b) Increasing lane and shoulder widths to meet current guidelines and,
   c) Providing improved safety measures such as flashing beacons, signage and guardrail where needed in certain locations.
2. Improve connectivity between US 127 and KY 206. KY 76 is a rural minor collector to the Green River Lake area, US 68 and KY 55.

Project Funding
This project was scheduled in the Enacted Six-Year Highway Plan (FY 2007-2012) with committed funds of $100,000 for the planning phase. There are no future phases scheduled for this project at this time.

Existing Roadway Conditions
The current roadway alignment has narrow lanes and shoulders. Issues with the existing route are the curves and grades that do not meet current guidelines or provide adequate sight distance for on-coming vehicles along the corridor and vehicles pulling into traffic from the intersection at US 127 and KY 206.

Environmental Issues
Kentucky Transportation Cabinet personnel in District 8 prepared an Environmental Overview Report for this project. A few concerns were identified and need to be addressed as subsequent phases develop. These include: special use water designations, forested wetlands in the area and possible concerns of species that have been identified in the proximity.
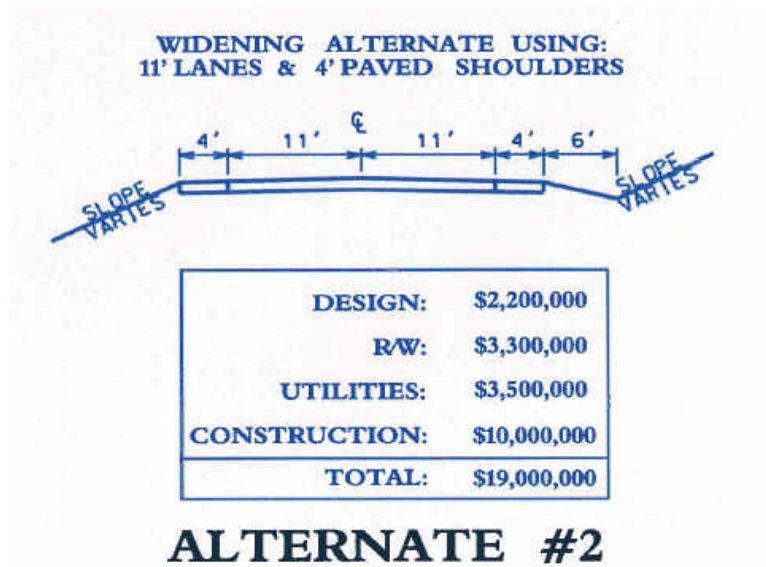
Public Involvement
Local officials and stakeholders were given the opportunity to provide input. In addition, input was solicited from many local, state and federal agencies. Some local concerns were identified through this process:

- Narrow lanes and little to no shoulders, sharp drop-offs with no guardrail and difficult roadway geometrics,
- Used as a connector or "cut through" for commercial trucks (logging, concrete and carpet) along with recreational vehicles hauling boats to lakes in the surrounding area and those who commute,
- Sight distance issues upon entering or exiting KY 76 onto US 127 and vise versa and,
- Turning radii for trucks that encroach in the other lane at the intersection of KY 76/KY 206.

Recommendations
Only three alternates were considered due to the natural constraints of the corridor. Two of the three were chosen based on the project goals, corridor issues, technical analysis, environmental impacts and public/agency input. Primary and secondary recommendations are as follows:

1) **Alternate No. 2** was chosen to be the primary recommendation. This alternate includes the spot improvements that were identified along the existing route and the widening/upgrading of the KY 76 route with 11' lanes and 4' shoulders. The estimated cost for this rebuild is **$19,000,000**.

2) **Alternate No. 1** (Spot Improvements) - If funding does not become immediately available for the primary recommendation, Alternate No. 1 has consideration as an interim recommended choice. This would provide the opportunity for lower-cost improvements to be programmed if only those lesser funding amounts became available. These smaller projects could be constructed to follow the primary recommendation.

Ranking for Spot Improvements

Rank	Spot #	County	BMP	EMP	Length	Total Cost
1	4	Russell	11.498	11.498	Russell	$ 775,000.00
2	2	Russell/ Adair	14.135	0.000	Russell/ Adair	$ 1,975,000.00
3	1	Adair	2.391	3.455	Adair	$ 4,750,000.00
4	3	Russell	12.381	12.473	Russell	$ 2,100,000.00

$ 9,600,000.00

Additional Information
Comments and/or requests for information regarding this KY 76 Programming Study should be sent to the address listed below:

Mr. Keith R. Damron, P.E.
Director, Division of Planning
200 Mero Street, 5th Floor
Kentucky Transportation Cabinet
(502) 564-7183 ext. 3275
Frankfort, KY 40622

PROJECT LOCATION
KY 76
Russell & Adair Counties
ITEM NO. 8-8302.00

EXHIBIT 1

CASEY

RUSSELL

Russell Springs

Adair Co.
Russell Co.

Begin Project
MP 11.498

End of Project
MP 3.455

Green River

GREEN RIVER
LAKE

ADAIR

Columbia

127

206

76

Legend

KY 76
Rural Interstate
Rural Principal Arterial
Rural Minor Arterial
Rural Major Collector
Rural Minor Collector
Urban Interstate
Urban Freeways & Expressways
Urban Principal Arterial
Urban Minor Arterial Street
Urban Collector Street
Rural & Urban Local
City Boundary Polygons
Rivers
county_bnd_arc

Last map revision: FEBRUARY 2007
Road centerlines collected using GPS technology
Kentucky State Plane Coordinate System (NAD83)
www.transportation.ky.gov/planning/

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Miles

Kentucky
UNBRIDLED SPIRIT