

# Guthrie Planning Study

KYTC Item No. 3-8630.00

Public Meeting

September 29, 2011



## Discussion Items

- Purpose of Tonight's Meeting
- Study Area
- Study Purpose
- Improvement Alternatives
- Study Schedule



## Why we are here

- To share information about the Guthrie Planning Study
- To discuss improvement alternatives that are under consideration
- Most importantly, to listen to your comments and concerns

We need your input!

## The Study Team

- KYTC District 3



- ENTRAN, PLC



### Study Area



### Study Area



## Guthrie Planning Study Draft Purpose & Need Statement

Directly west of Guthrie, Kentucky is a triangular area known as Tiny Town where US 41, US 79, KY 181, KY 294, and KY 2128 come together. This junction of roadways results in a less than efficient “knot” of intersections with multiple existing safety concerns. The study area’s location along two rail lines and two major US highways (US 41 and US 79) and its proximity to I-24 provides it with strong potential for growth. **The major investment in the Hemlock Semiconductor Plant on US 79 just to the south of the Tennessee state line will have a potential employment of 5,000 employees and is anticipated to attract satellite industries which will utilize its products.** Further residential and commercial development is likely to follow and the demand for travel through the Tiny Town junction is expected to increase.

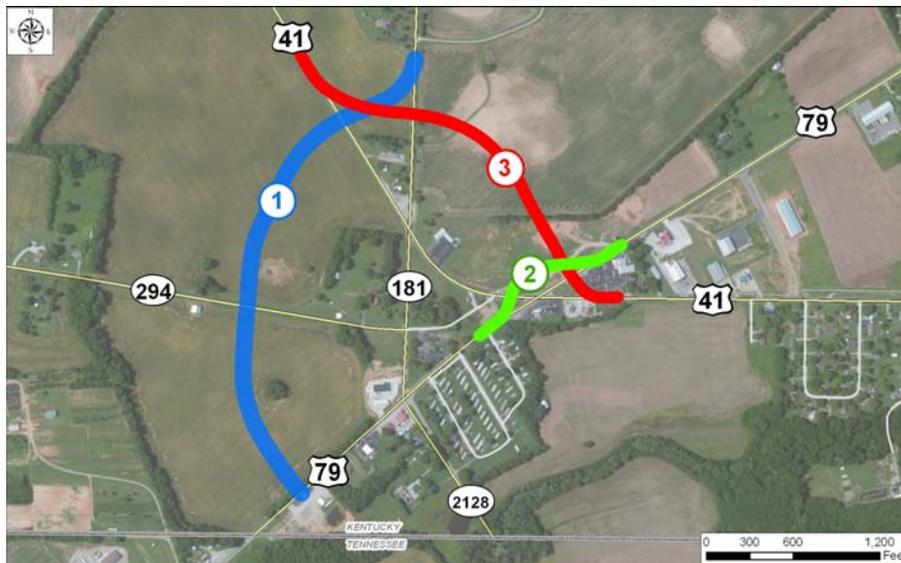
## Potential Improvement Projects

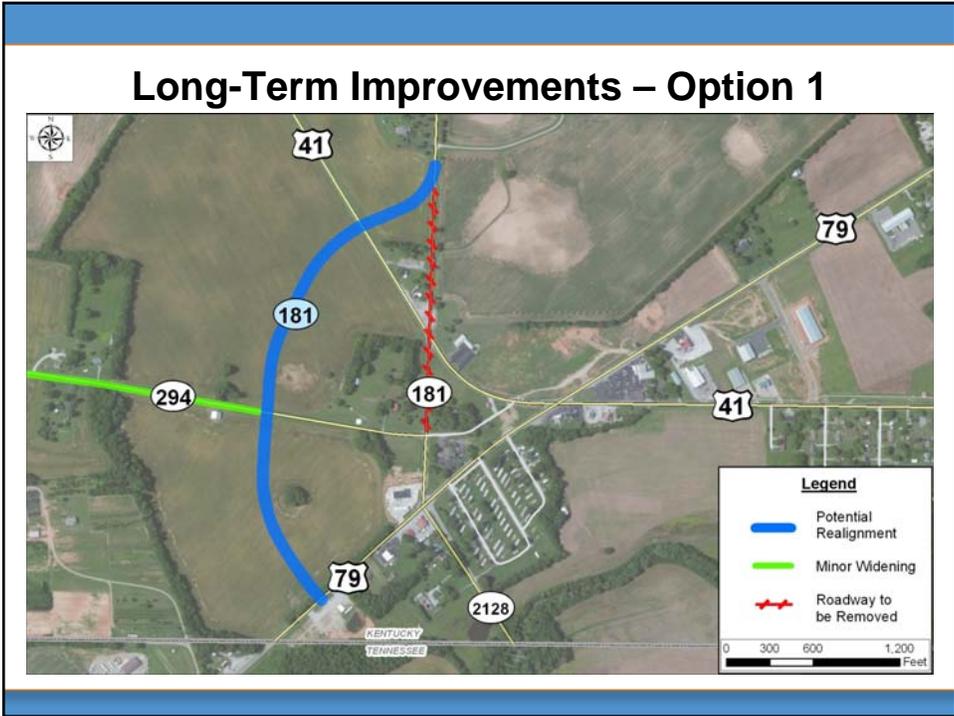
- Study is to explore needed transportation improvements
  - Short-term improvements
  - Long-term improvements
  
- Improvements are being sought to:
  - improve the **safety** and **efficiency** of travel
  - provide better **connections**

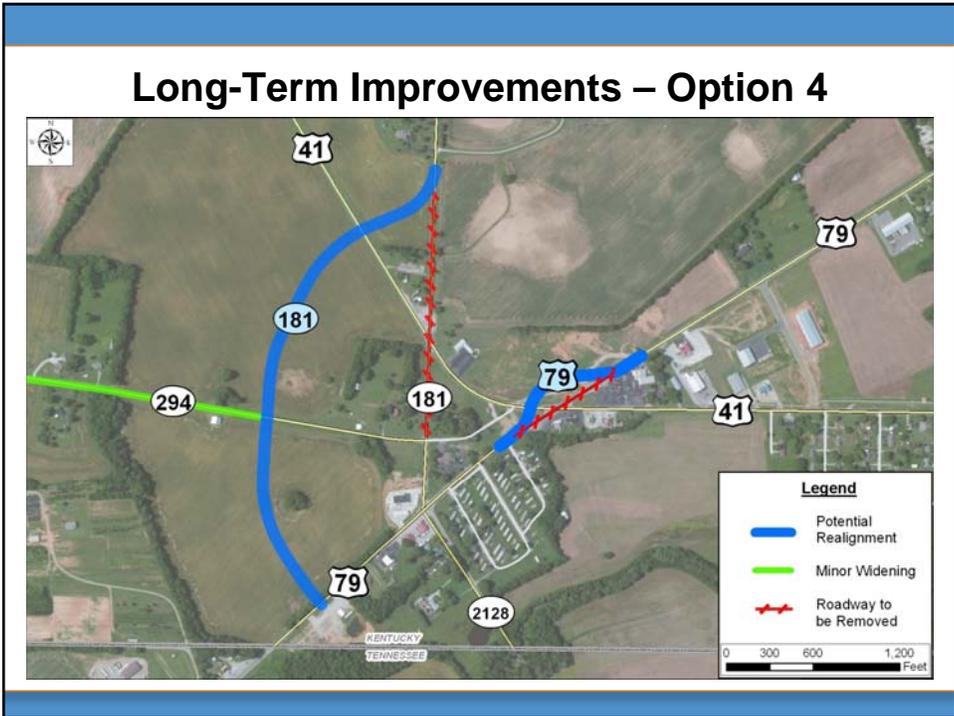
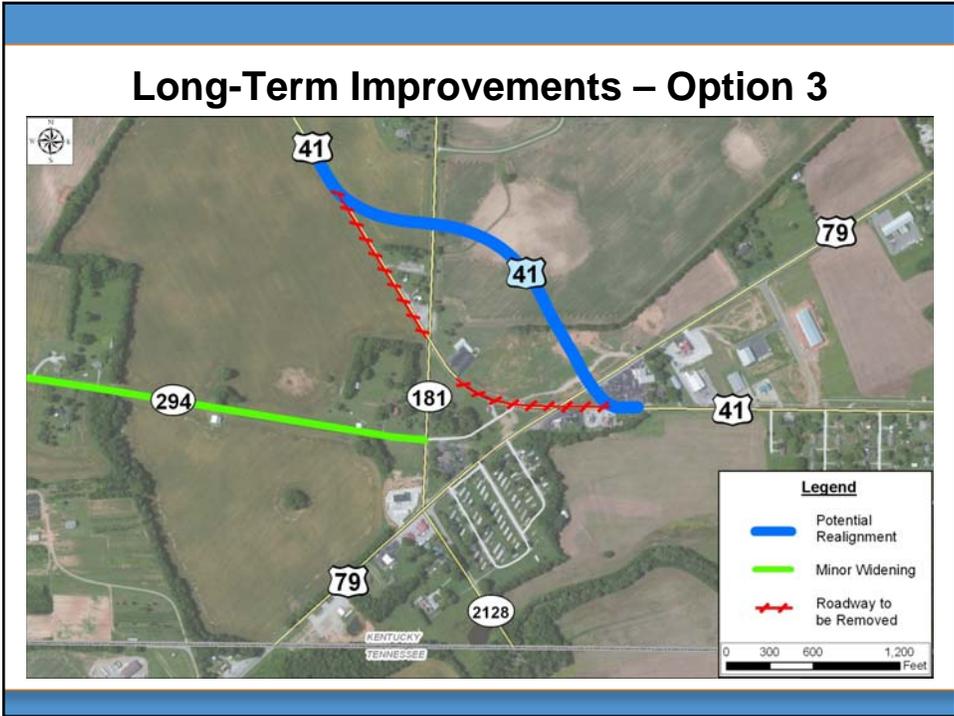
## Long-Term Improvements

- Conceptual projects have been developed for consideration
  - Preliminary “corridors” identified
  - All options can be modified

## Long-Term Improvements



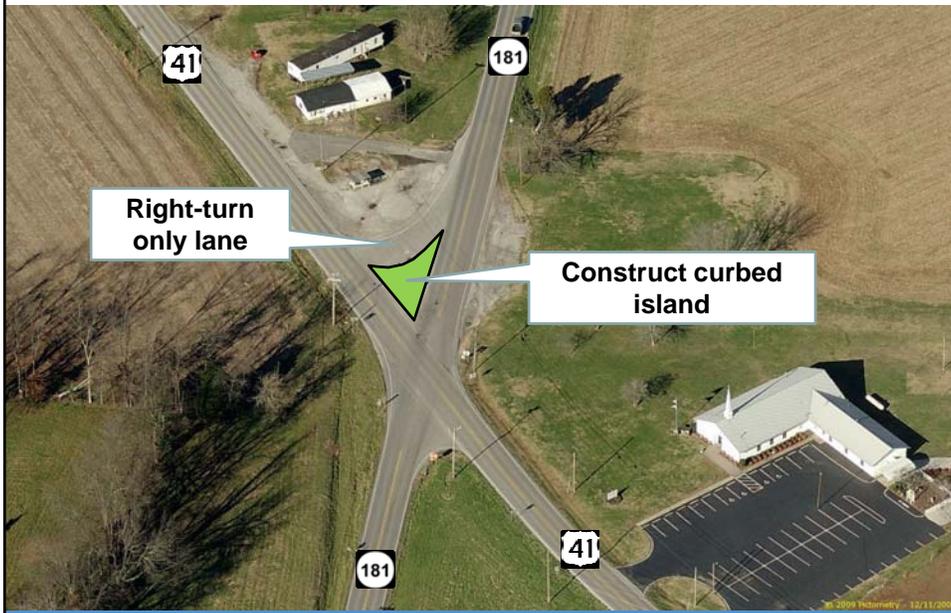




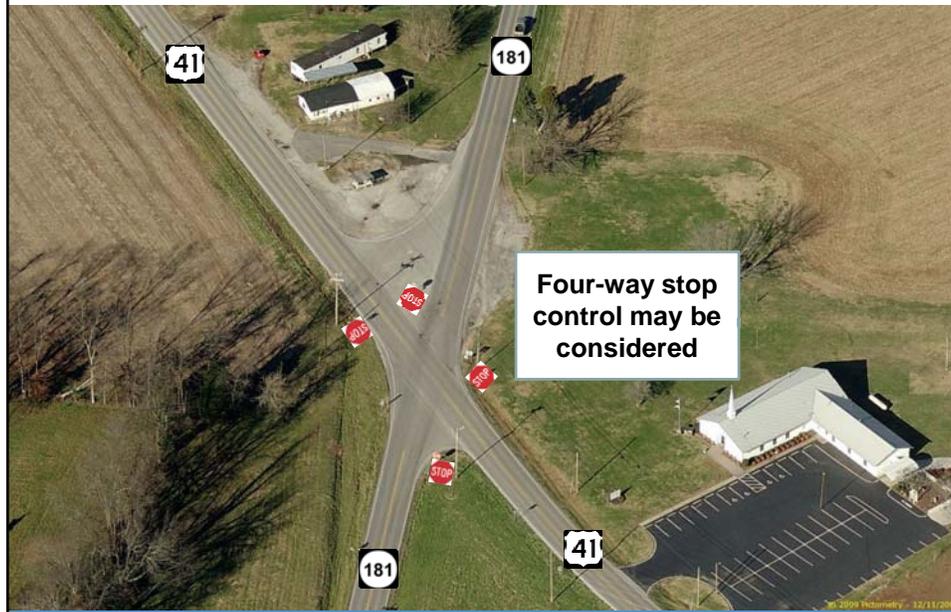
### Example of Short-Term Improvements



### US 41 at KY 181



## US 41 at KY 181



## What is Traffic Calming?

- Street design concepts to encourage motorists to drive more slowly or to reduce traffic volumes
- Examples:
  - Roadway Narrowing
  - Roadway Closure
  - Median Islands
  - Speed Humps
  - Speed Tables
  - Raised Intersections

Speed Table

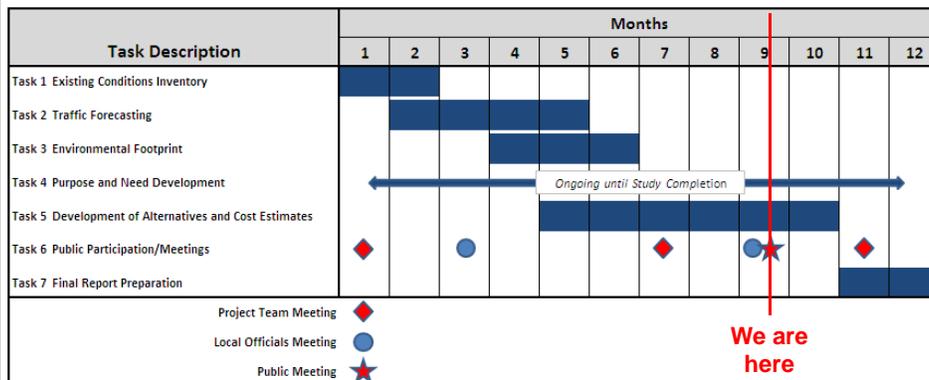


## What Traffic Calming is not...

- Lowering speed limits
- More traffic signals
- Increased law enforcement

## Project Schedule

### 12-Month Schedule



## **Guthrie Planning Study**

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