

ROAD WORK AHEAD



In Kentucky

As you might imagine, building a road - particularly a major highway - takes a lot of time and effort. It seems like the bulldozers, end loaders and asphalt machines move at a snail's pace, remaining in the same location day after day. However, what you don't see are the monstrous tasks of planning, designing, and evaluating potential routes that consume many years before the first shovel of dirt is turned.

Even repairing a stretch of roadway can take years to complete. Moving forward is always dependent upon the reviews by various federal, state and local agencies. Most importantly, citizens can voice their opinions about any construction project at public meetings or by submitting comments to the Kentucky Transportation Cabinet. All public comments are given the utmost consideration and balanced with the need to improve safety, reduce congestion, and support economic development while protecting the environment.



Kentucky
UNBRIDLED SPIRIT



For current conditions of Interstates, Parkways and Major Routes, please dial 511.

Or check our web site at www.transportation.ky.gov

For roadside emergencies please call
1-800-222-5555

To report a pothole or any highway hazard please call 1-800-PATCH-IT



Did You Know?

- Kentucky has over 79,000 miles of roadways.
- Kentucky has 13,500 bridges.
- The Kentucky Transportation Cabinet maintains approximately 27,400 miles of those roadways and 9,000 bridges.
- The 27,400 miles carry approximately 85% of Kentucky's traffic.

Considerations When Planning a Road

Environmental Issues:

- public input
- residential and business relocations
- impacts to other local properties
- community impact (character, cohesiveness, etc.)
- farmland impact
- effects on minority/low income interests
- threatened/ endangered species and plants
- wildlife refuges
- wetlands
- floodplains
- streams and rivers
- water quality
- water supply sources

- air quality
- noise
- hazardous waste/ materials
- archaeological sites/ historic properties
- cultural resources (cemeteries, churches, etc.)
- public parks/ recreational facilities
- oil and gas wells

Economic Issues:

- accessibility
- tourism
- industrial parks
- highway user costs
- property values
- economic development potential

- access for emergency services
- access to schools, medical facilities, etc.

Engineering Issues:

- safety
- driver expectations
- traffic (people & freight)
- intermodal transportation access/impact
- pedestrian and bicycle use
- federal and state laws
- land use and access management
- cost
- geology and soils
- mines



YEAR 0 Long-Range Planning

- Identify/prioritize needs and identify purpose
- Identify and address public concerns
- Identify priorities for Six-Year Highway Plan



YEAR 1 Six-Year Highway Plan

- Project revenue for federal & state funds
- Break revenue into funding categories
- Match required state funds to federal funds
- Balance all fund categories
- Determine projects & programs that can be funded with projected revenues



YEAR 2-3 Project Planning

- Determine project limits
- Verify funding needs
- Identify public concerns
- Verify project needs
- Identify project goals
- Identify environmental concerns
- Coordinate with resource agencies
- Make project recommendations



YEAR 4-5 Preliminary Design & Environmental Analysis

- Conduct field surveys
- Inventory environmental resources - conduct field inventories to identify protected, endangered and important resources
- Identify & address public concerns - conduct informational meetings and distribute reports
- Develop alternatives
- Prepare environmental documentation



YEAR 6-7 Final Design

- Develop final alignments
- Develop right-of-way needs
- Drill for soil & rock samples
- Identify & address public comments
- Review environmental commitments
- Develop construction plans



YEAR 8 Right of Way Purchase (Land Acquisition)

- Determine property values
- Meet with property owners
- Address property owner concerns
- Make offers
- Pay for property
- Sign deeds
- Assist with relocations



YEAR 9 Utility Relocation

- Move utilities out of construction zone
- Pay utility companies for relocations



YEAR 10 Construction

- Address public concerns
- Construct roadway
- Fulfill environmental commitments
- Maintain traffic

Maintenance

- Patch potholes & resurface
- Remove snow & ice
- Mowing and many other items