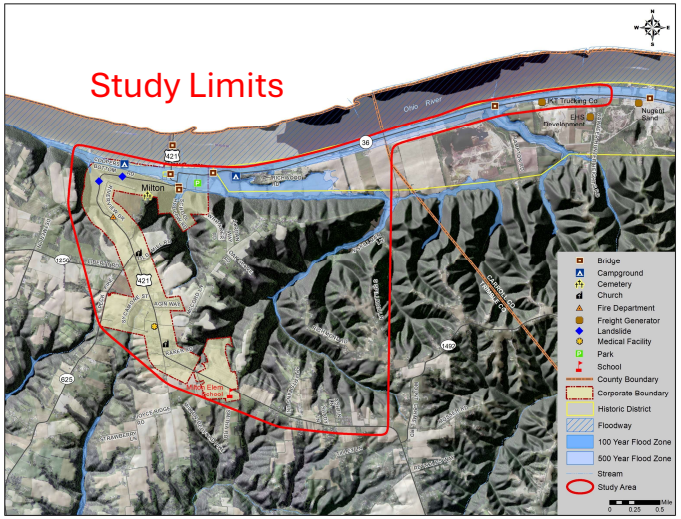
Study Purpose

This **Transportation Planning Study** will explore three key concerns:

1) Bridge Approach/Milton Hill
2) KY 36 Freight Mobility
3) Bicycle & Pedestrian Connections



Project Development Process

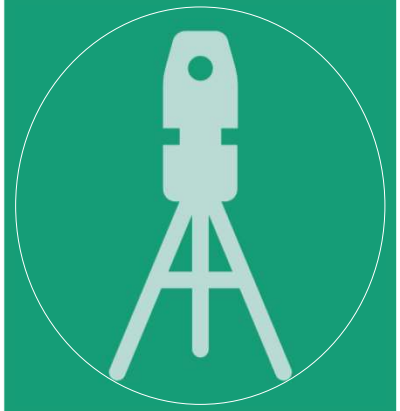
Planning

Defining the scope of a potential project

We are here

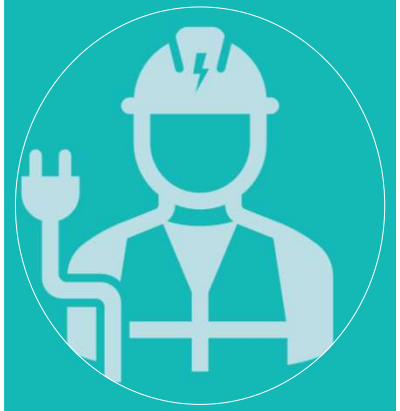
Preliminary Design & Environmental

Beginning design work and weighing environmental costs to select a preferred option to advance.



Final Design

Developing the details to create construction plans.



Right-of-Way & Utility Coordination

Working with property owners to acquire needed properties and shifting utilities to clear space for the project.

Construction

Hiring a contractor to build the project, which can take multiple years, depending on size and complexity.

At each stage, the project often must compete for additional funding against statewide needs.

A Vibrant History

We aren't starting from scratch but will build from a rich foundation of past planning efforts.

1929 Bridge Built

1995 Planning Study

1997 Bridge Rehab

2008 Bridge Design + NEPA

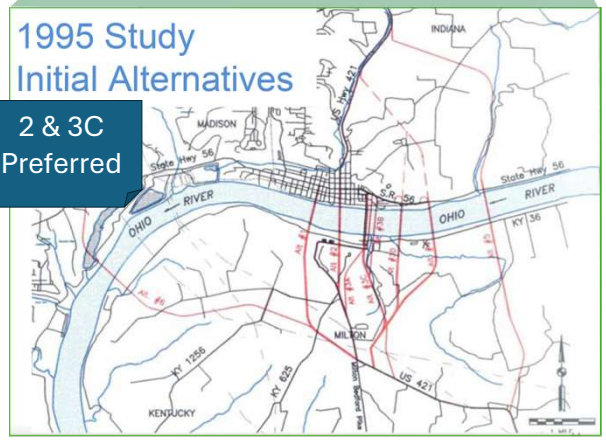
2012 New Truss Slide

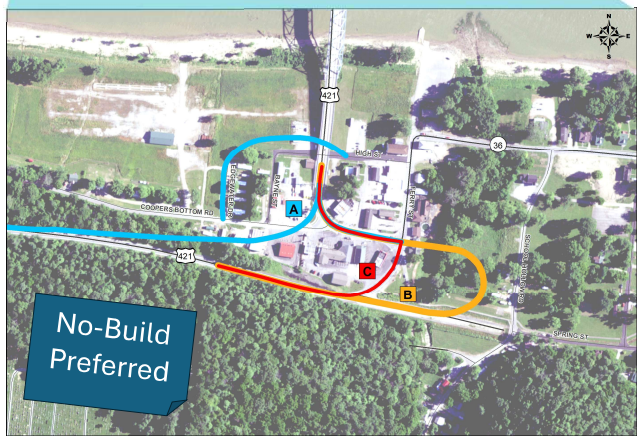
2012 Bike/Ped Study

2015 Approach Design (No-Build)

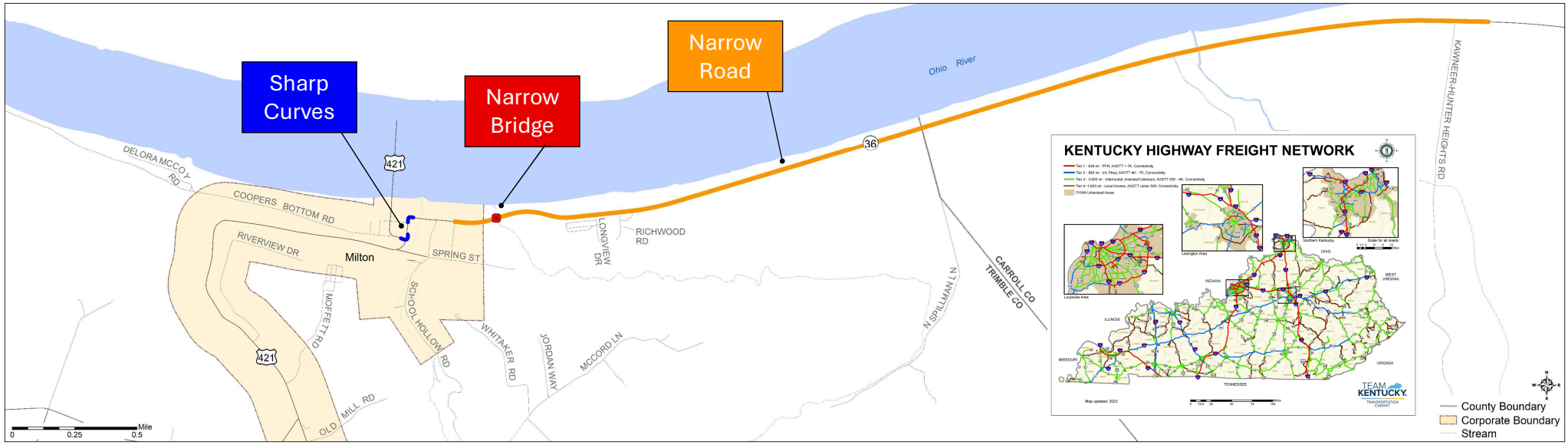
2023 UK Class Project

Milton Re-imagined



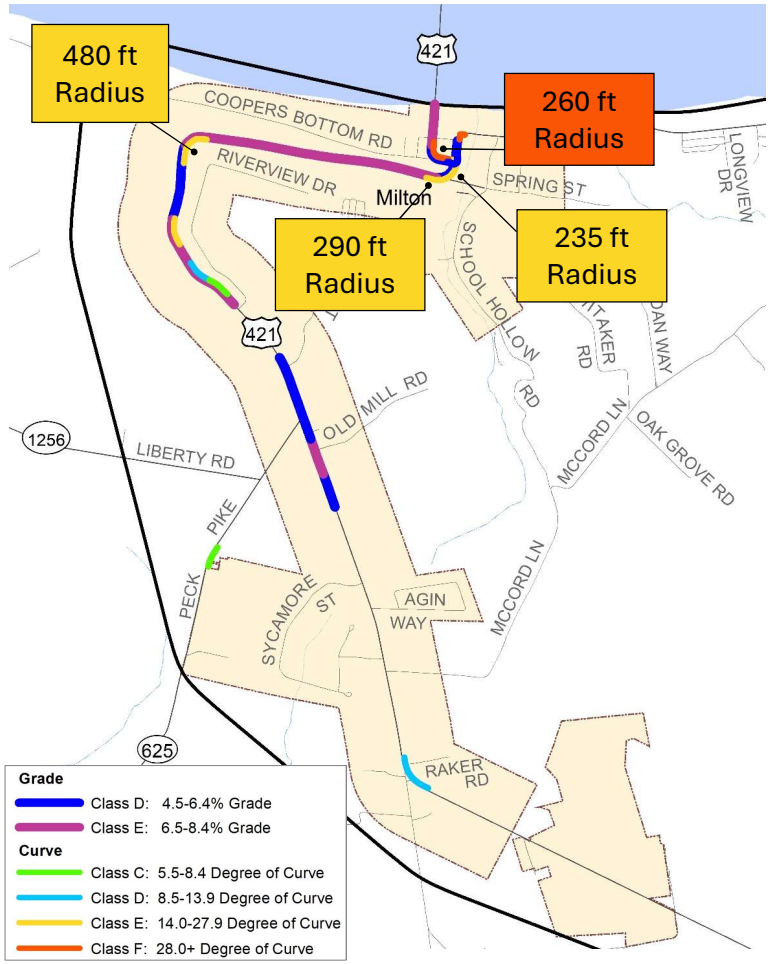


KY 36 Challenges



- 10-mile gap in freight network, Milton to Carrollton
- Sharp curves at KY 36/Ferry Street and KY 36/US 421
- 22-foot pavement width narrow for trucks
- 20-foot-wide, poor condition bridge over Canip Creek
- Designated US Bike Route 25 mixes roadway users

US 421 Challenges



Steep 7% grade on Milton Hill

Recommended Design is 6% max

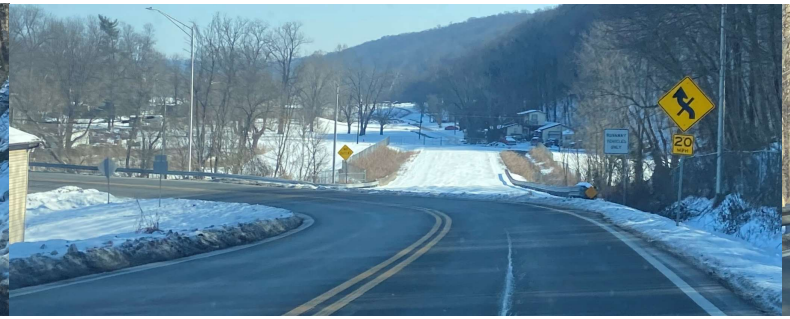
Geology prone to slides

Limestone and shale bedrock with cut on edge of hillside

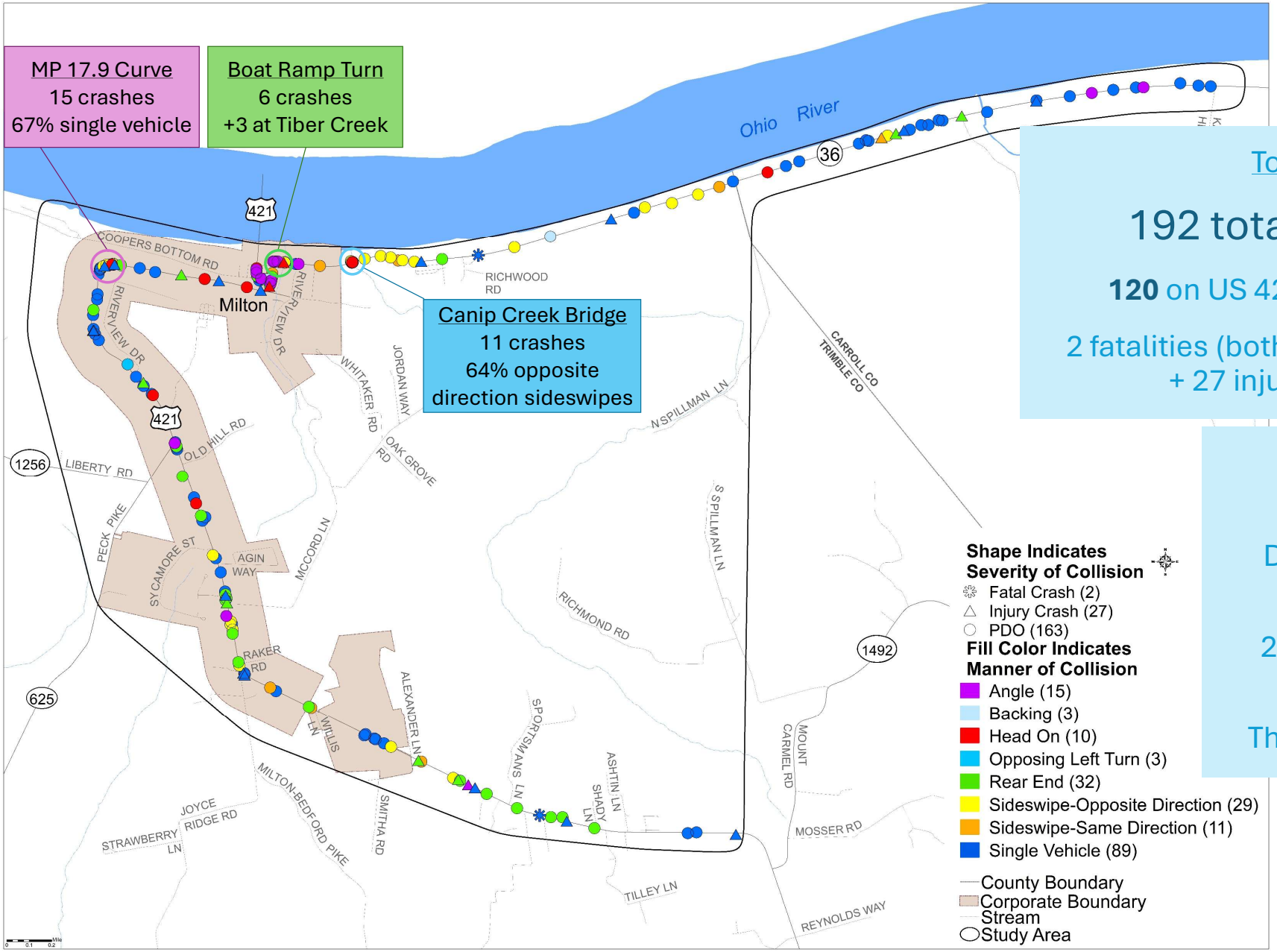
Sharp curves

Recommended Design is 650-foot minimum

High crash clusters (Next Board)



2019-2023 Crashes



Totals:

192 total crashes

120 on US 421 | **72** on KY 36

2 fatalities (both impaired drivers)
+ 27 injury crashes

Trends

63% Roadway Departures, SHSP emphasis area

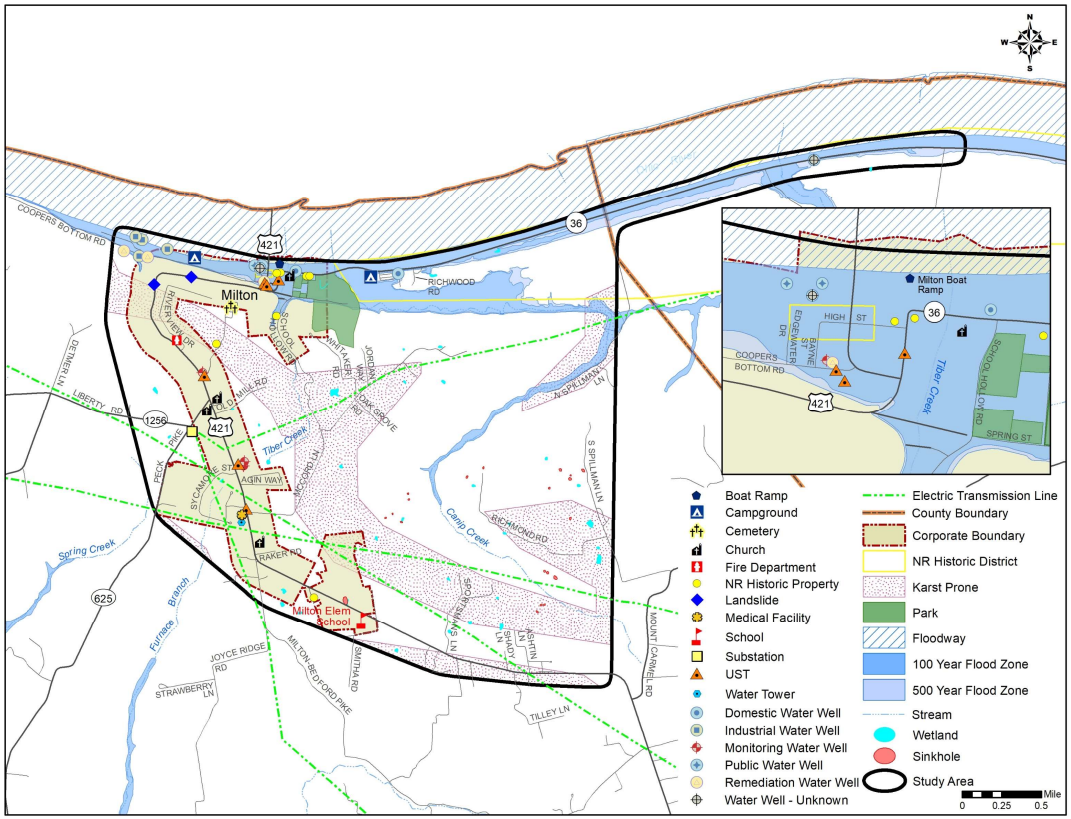
21 crashes involve trucks

Three crash clusters

Environmental Setting

As the project team explores options to address needs, designers will be sensitive to the surrounding context.

Community Features
Homes & Businesses
Historic Resources
Recreational Spaces
Churches
Cemeteries
Floodplains
Wetlands
Farmlands
Wildlife Habitats
Utility Infrastructure
...and more



Are there other sensitive community or environmental features to be aware of?