



Highway/Rail Safety Corridor Planning





Multimodal Operations – Rail Projects Section

- Manages State and Federal highway-railroad grade crossing safety improvement funds (approx. \$7.8 million per year)
- Funding provides for safety improvements to existing highway/rail crossings



AASHTO President's Award - Rail

- Lawrence – Christian – Greene County
 - Missouri DOT was Lead Agency
 - BNSF Railway – Cherokee subdivision
 - Hwy 60 – predominately 2 lane

- Webster County
 - Webster County was Lead Agency
 - BNSF Railway – Thayer-North subdivision
 - Hwy 60 – 4 lane expressway

- The studies have led to 2 FRA grant awards totaling \$13.1 million dollars (\$23.7 million total project costs)

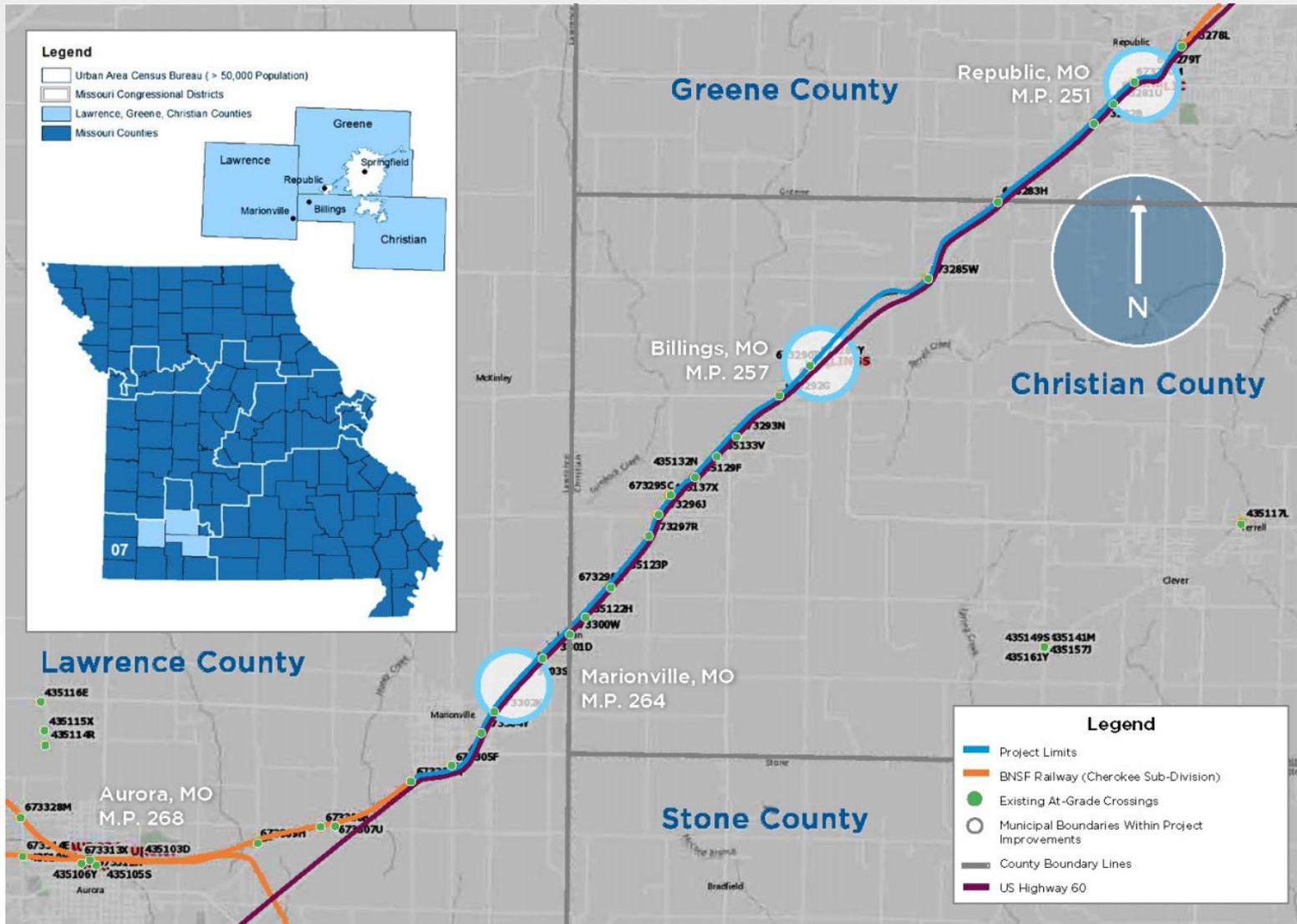
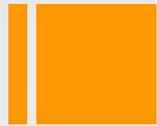


Projects Overview

- Corridor vs. Individual
- Safety = MoDOT's primary goal in commissioning project
- Key – Public input to develop corridor improvement plan
- Consultant led study with public agency and railroad participation



Lawrence-Christian-Greene Corridor

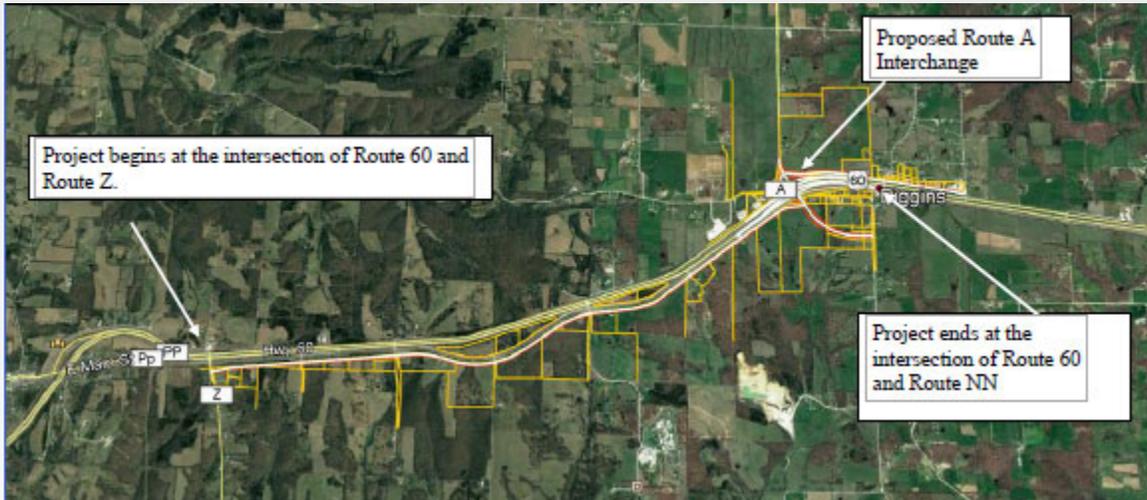




Project Highlights

- 9 public sessions conducted – 3 in each section of corridor
- 4 at-grade crossings to be closed, construction of 2 connecting roadways
- 4 passive crossings to receive Flashing Lights and gates
- Miscellaneous safety enhancements at 9 additional crossings including improvements to vertical and horizontal geometrics, adjacent roadway intersections, crossing surfaces, pavement marking, signing, lighting, security fencing, drainage and ADA accessibility
- Total estimated Project cost of \$5,170,160; CRISI Grant application for 50%

Webster County Corridor



2/11/2021

Corridor Highlights



- 22-mile corridor with 49 intersections and 36 railroad crossings
- 12 Public Meetings
- 21 at-grade railroad crossings to be closed, 8 interchanges, 2 overpasses, and 27 miles of outer roads - \$132.8 million estimated costs

Grant Project Highlights

- 9 public and private highway-railroad crossing closures
- Interchange at Route A and about 6 miles of outer roads. Preliminary Engineering and NEPA work for Route Z.
- Total estimated Project cost of \$18.5 million
- CRISI Grant - \$10.5 million for initial phase. Total cost – \$18.5 million



Other information:

Statewide Highway/Rail Grade Crossing Action Plan

- Spring to Fall 2021 study timeframe

Statewide Freight and Rail Plan

- Study underway

Troy Hughes
Administrator of Railroads
troy.hughes@modot.mo.gov
(573) 751-7476



Questions?

