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

Legend
- Urban Areas Census Bureau (> 50,000 Population)
- Urban Areas Census Bureau (10,000-50,000 Population)
- Missouri Congressional Districts
- Lawrence, Greene, Christian Counties
- Missouri Counties

Legend
- Project Limits
- BNSF Railway (Cherokee Sub-Division)
- Existing At-Grade Crossings
- Municipal Boundaries Within Project Improvement
- County Boundary Lines
- US Highway 60

Map showing the Lawrence-Christian-Greene Corridor with major cities and counties labeled, such as Lawrence, Marionville, and Aurora.
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%
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
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Questions?