

# IDOT PTB 208 – HSR Commission Technical Assistance and Support

October 12, 2023 Commission Meeting

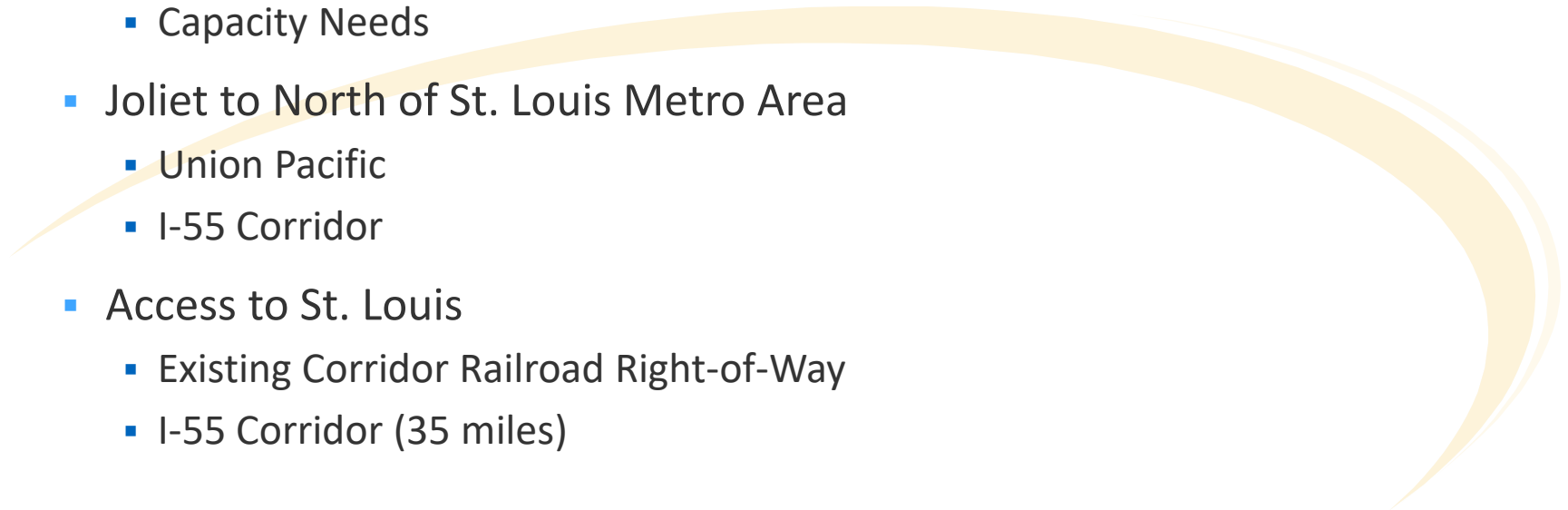


# HSR Commission Scope

1. Create statewide plan for a high-speed rail line and feeder network connecting St. Louis, Missouri and Chicago, Illinois that includes current existing Amtrak and Metra Services, connects with the cities of Rockford, Moline, Peoria, and Decatur, and uses inter-city bus service to coordinate with the rail line
2. Conduct a Ridership Study and make findings and recommendations concerning a governance structure, frequency of service, and implementation of plan
3. Develop the Annual Report to the General Assembly and the Governor, no later than December 31 of each year; for each year of 2023-2026



# Phase 1 Scope – Feasibility Analysis – Chicago – St. Louis Spine

- Segments to be studied:
    - Chicago to Joliet – Existing Rail
      - Capacity Needs
    - Joliet to North of St. Louis Metro Area
      - Union Pacific
      - I-55 Corridor
    - Access to St. Louis
      - Existing Corridor Railroad Right-of-Way
      - I-55 Corridor (35 miles)
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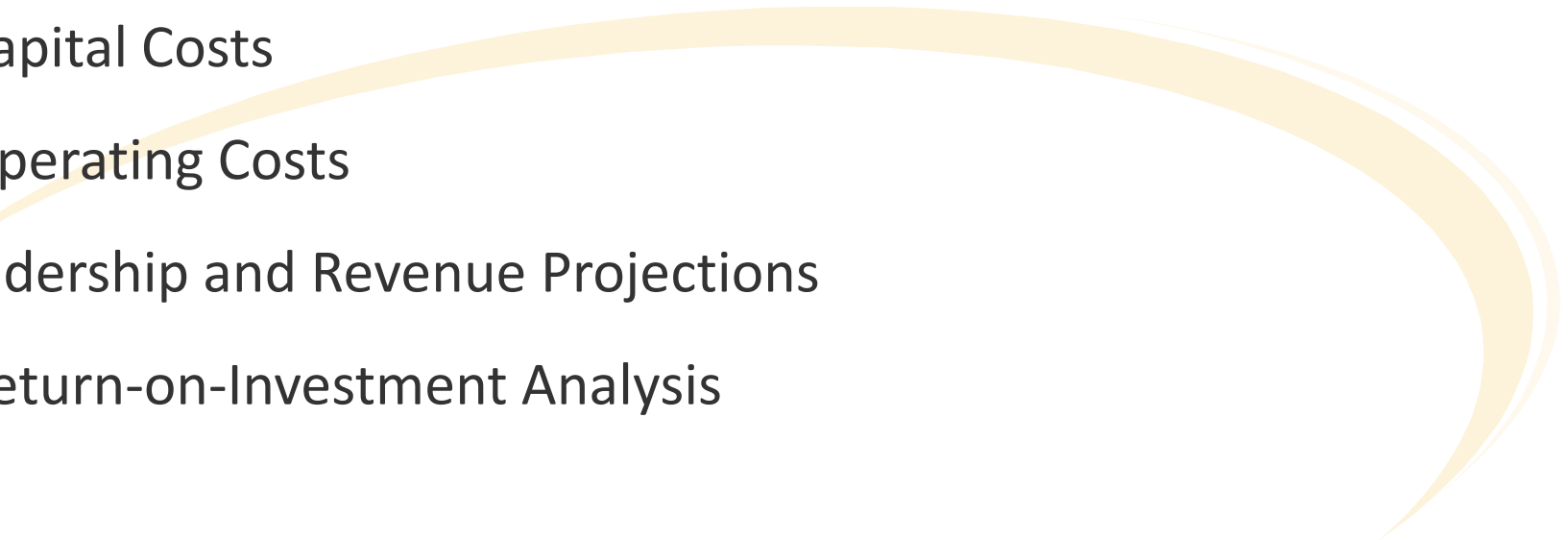
# Scope of Feasibility Study – UP Corridor – Joliet to St. Louis

- Capacity needed to increase frequency and reduce travel time
- Availability of property adjacent to UP Right-of-Way
- Operations Analysis (infrastructure needs and travel time)
- Capital Costs
- Operating Costs
- Ridership and Revenue Projections
- Return-on-Investment Analysis

# Scope of Feasibility Study – I-55 Corridor – Joliet to St. Louis

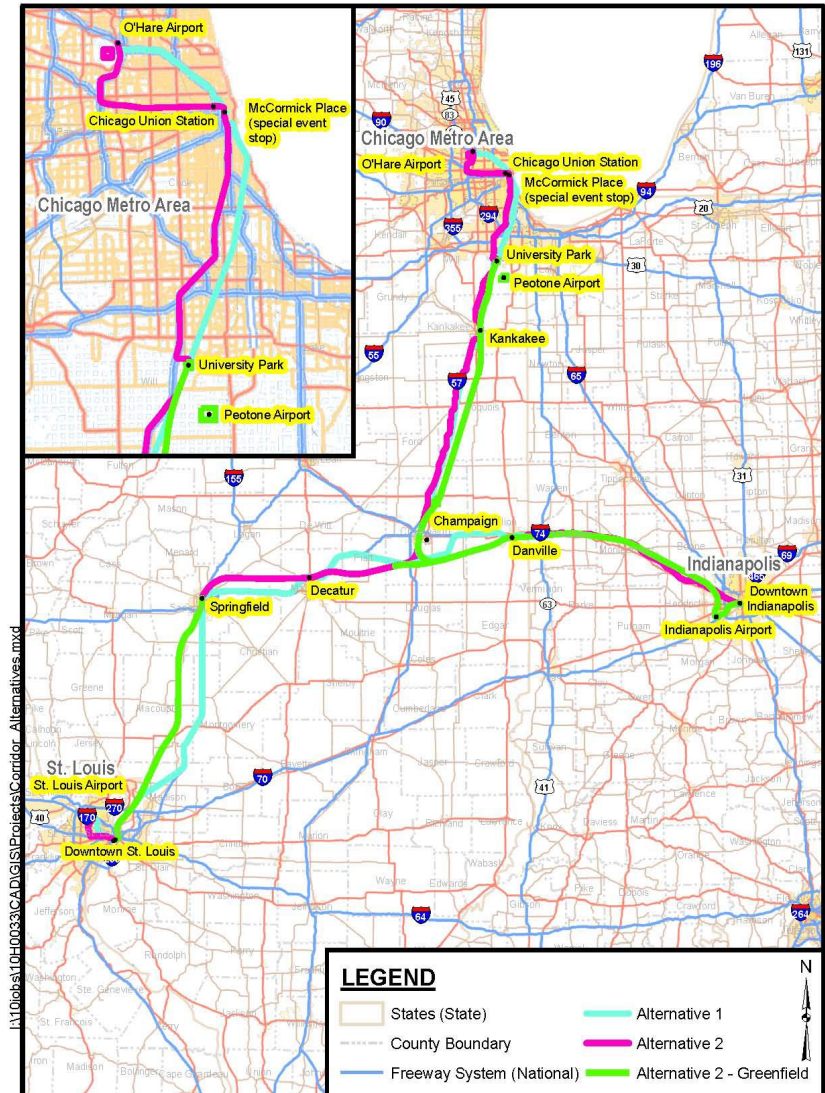
- Prior HSR Studies using Highway Corridors
- Accessibility for HSR trains using Median
- Geometrics for HSR Operations
- Operations Analysis (infrastructure needs and travel time)
- Capital Costs
- Operating Costs
- Ridership and Revenue Projections
- Return-on-Investment Analysis

# Scope of Feasibility Study – Access to St Louis – 35 miles

- Geometrics for HSR Operations
  - Operations Analysis (infrastructure needs and travel time)
  - Capital Costs
  - Operating Costs
  - Ridership and Revenue Projections
  - Return-on-Investment Analysis
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# Other Routing Considerations

- Chicago – Champaign – Indianapolis/St. Louis
- Review and present summary of study



# Feeder Network – Subsequent Phase

- Existing Network Inventory
  - Services
  - Frequency
  - Ridership
- Lack of Service within Existing Network
- Improvements to Existing OR New Service to meet needs of legislation
  - Rockford
  - Moline
  - Peoria
  - Decatur

# Phase 1 Deliverables

- HSR Chicago – St. Louis Spine Feasibility Technical Report
  - Summary of analysis and findings
  - Ridership Study and Technical Report supporting feasibility technical report
  - Recommendation on advancement of HSR spine and feeder network
- Annual Report to the IL General Assembly and Governor

# Action Items

- Review and Approval of Initial Scope
  - Price Proposal
  - Schedule
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# Thank You!

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