



# I-270 North Environmental Assessment

October 29, 2014





# Agenda

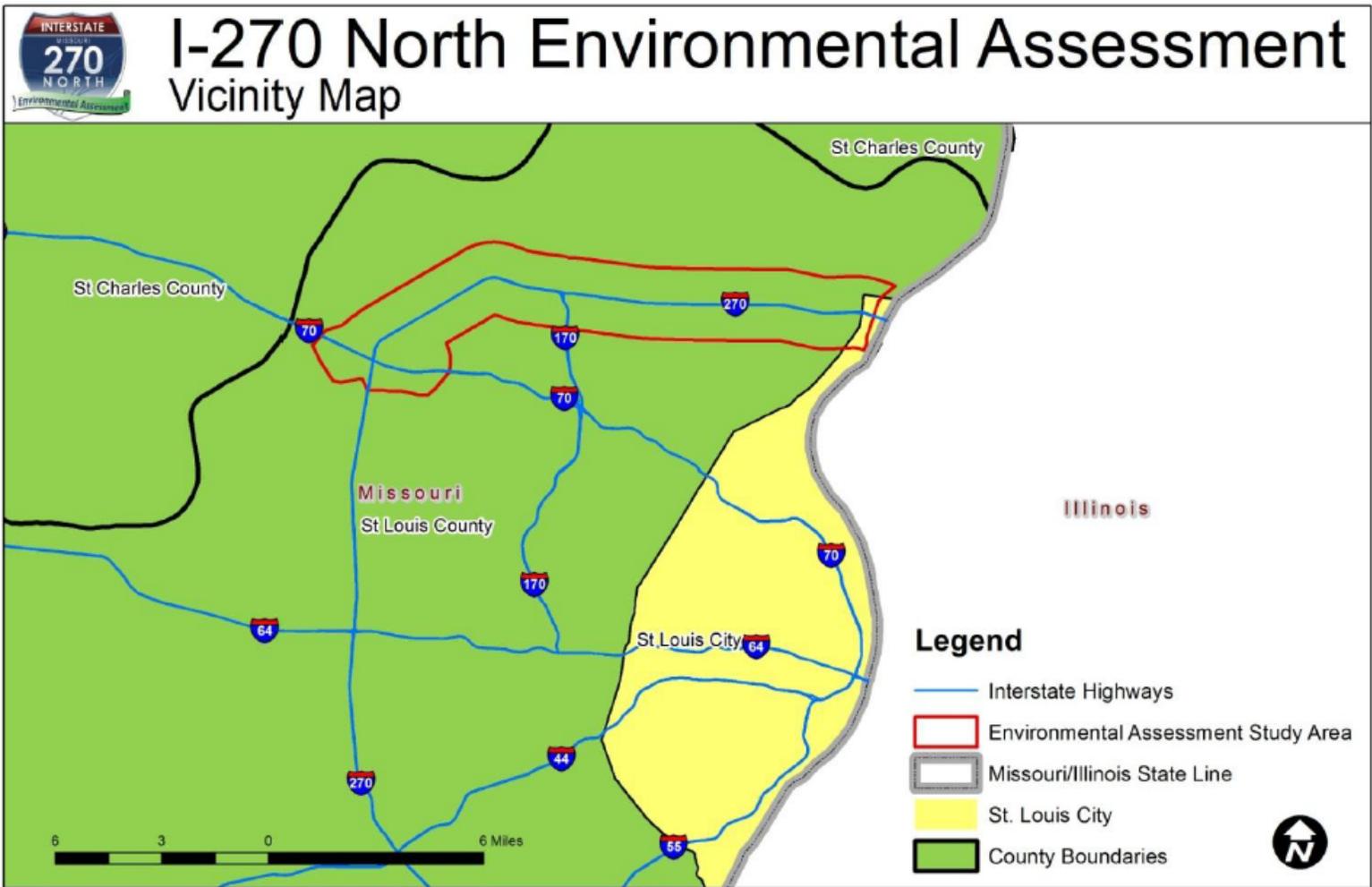
- I-270 North Corridor Review
- Alternatives Development and Analysis
- Next Steps



# Review of the I-270 North Corridor



# Project Overview



*15-mile corridor with 19 interchanges*





# I-270 Issues

Transportation problems that affect the I-270 North corridor:

- Deteriorating pavement, bridges, and ped facilities
- Congestion on the interstate
- Poor interchange operations
- Poor operations along the outer roads
- Safety conflicts
- Lack of appropriate bike/ped accommodations
- Need to accommodate both transit and highway users
- Difficulty in accessing important destinations





# Purpose and Need

- Address aging infrastructure along I-270
- Improve mobility and operations within the I-270 corridor
- Achieve accessibility consistent with the designated uses of I-270
- Improve safety within the I-270 corridor

*The identification of the Preferred Alternative was based, in part, on how well it satisfied the study's purpose and need.*





# Alternatives Development and Analysis



# Flexibility focus

- Implementation of non-traditional, innovative contracting methods allows:
  - Accelerate project delivery
  - Reduce cost
  - Improve quality
  - Reduce impacts to the traveling public
  - Maximize value for our customers
- Final design of improvements determined by ensuring adherence to:
  - *Functional* requirements
    - Goals, constraints, needs, and desires
  - *Performance* requirements
    - Engineering-oriented statements of what the facility or component must do





# Conceptual Alternatives

- Three concepts initially developed at each location
- In most cases, they are interchangeable with adjacent location's alternatives
- Evaluated based on ability to meet Purpose & Need
  - Those that meet Purpose & Need were carried forward as Reasonable Alternatives





# Reasonable Alternatives

- No-Build
  - Maintain the current roadways, routine maintenance
- Alternative 1
  - One-way Outer Roads between Hanley/Graham and Old Halls Ferry
- Alternative 2
  - Improved two-way Outer Road system between Hanley/Graham and Old Halls Ferry



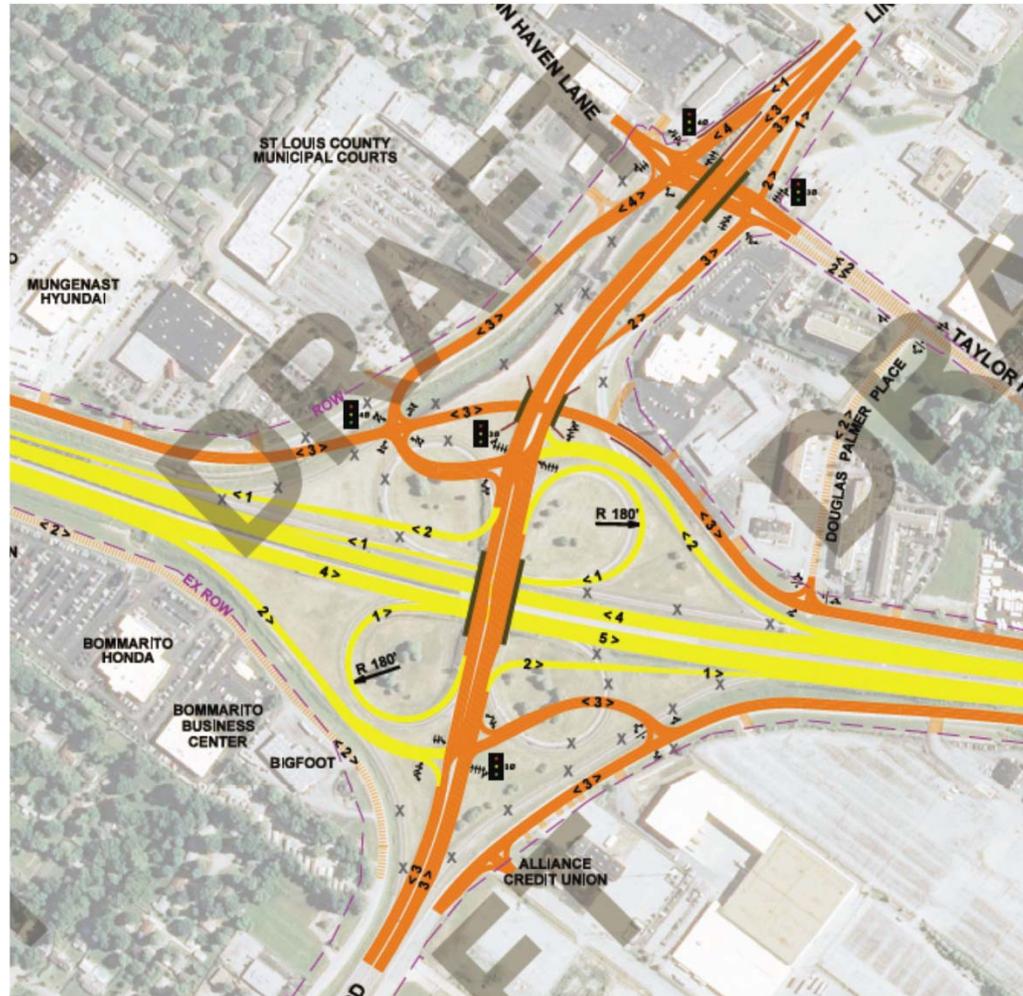


# Preferred Alternative

- I-270 lanes
  - Eight basic lanes from I-70 to Route 367
  - Six basic lanes from Route 367 to the Mississippi River
- Interchanges
  - Improved interchanges at St. Charles Rock Road, Missouri Bottom, McDonnell, Lindbergh, Route 367, Bellefontaine, Lilac, and Riverview
  - No changes to Route 370 or I-170 interchanges
  - No new interchanges
- One-way outer roads between Hanley/Graham and Old Halls Ferry
- Add auxiliary lanes where needed

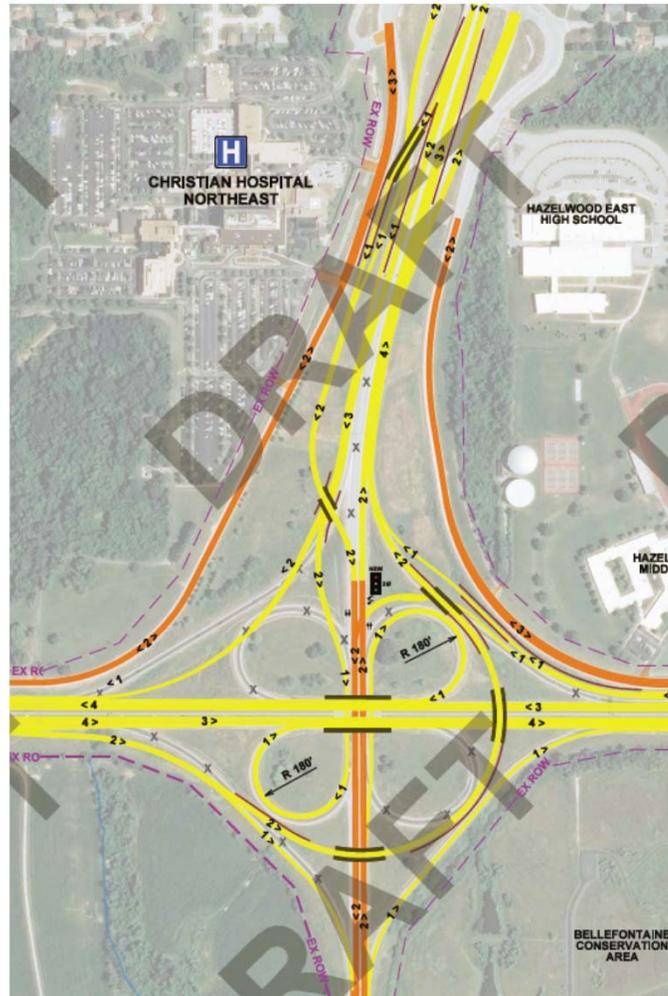


# Lindbergh Blvd





# Route 367





## Next Steps



# Final Schedule

- All engineering completed
- FHWA Approved Environmental Assessment
  - Late January 2015
- Final Public Hearing
  - February 2015
- Finding of No Significant Impacts
  - March 2015

