

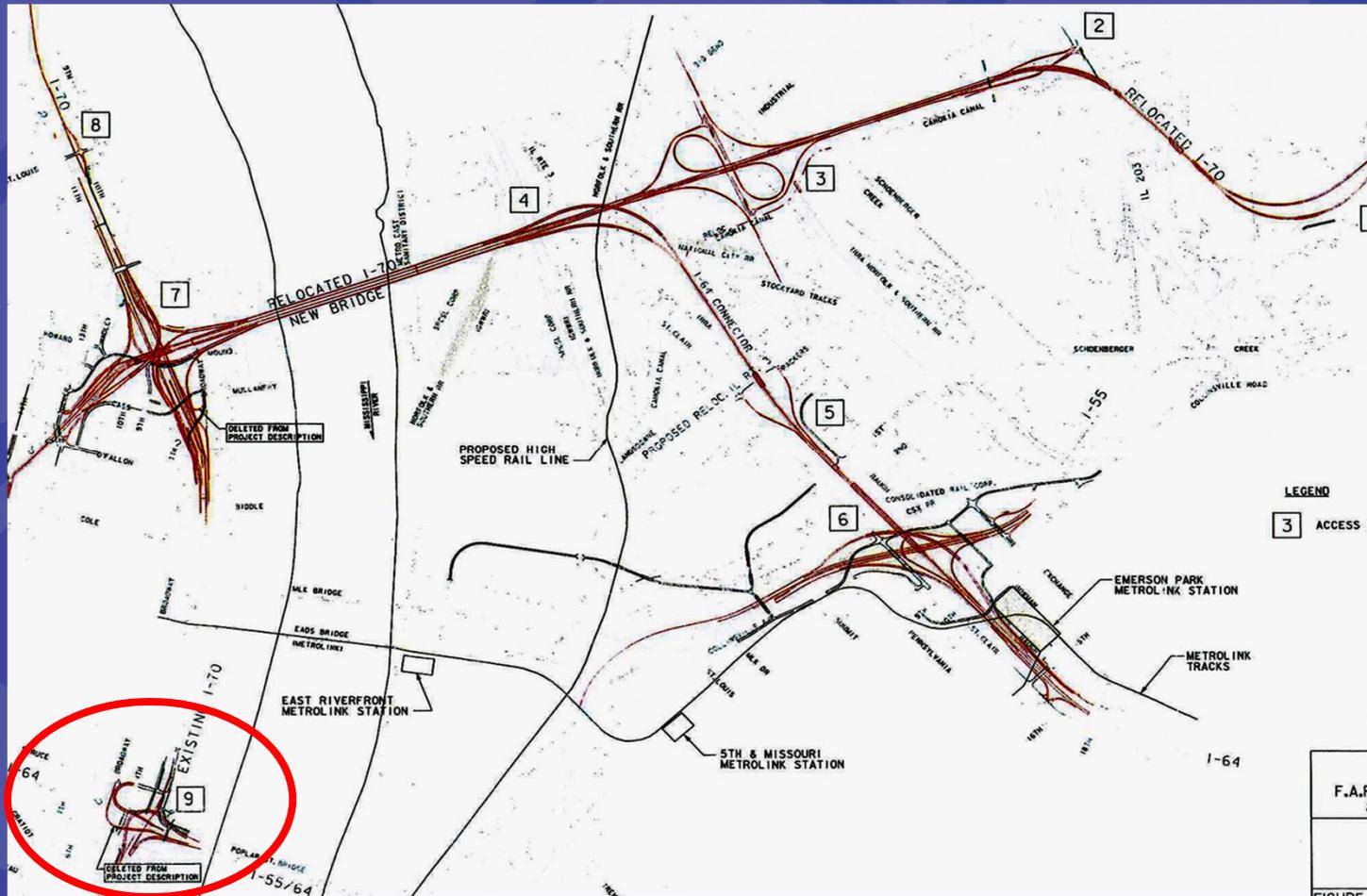
Poplar Street Bridge Interchange Project Overview

Industry Meeting
Nov. 5, 2012

What is the problem?



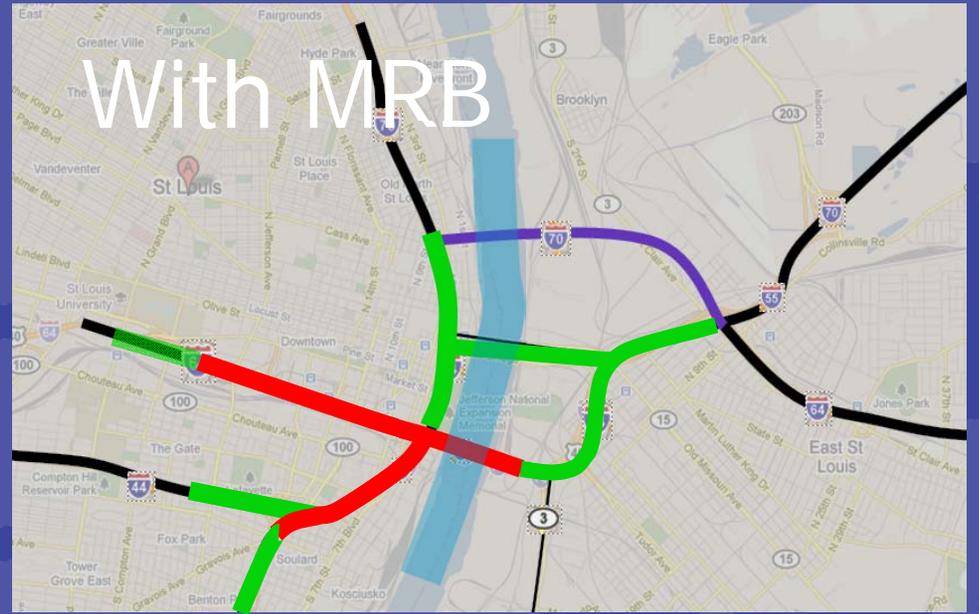
Original Solution MRB Approved ROD, 2001



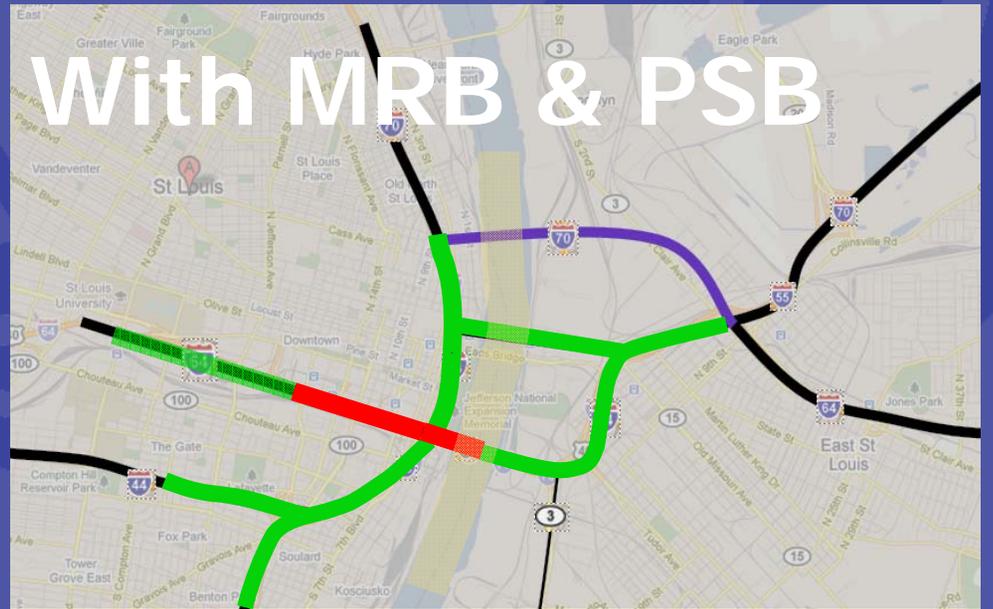
Existing



With MRB

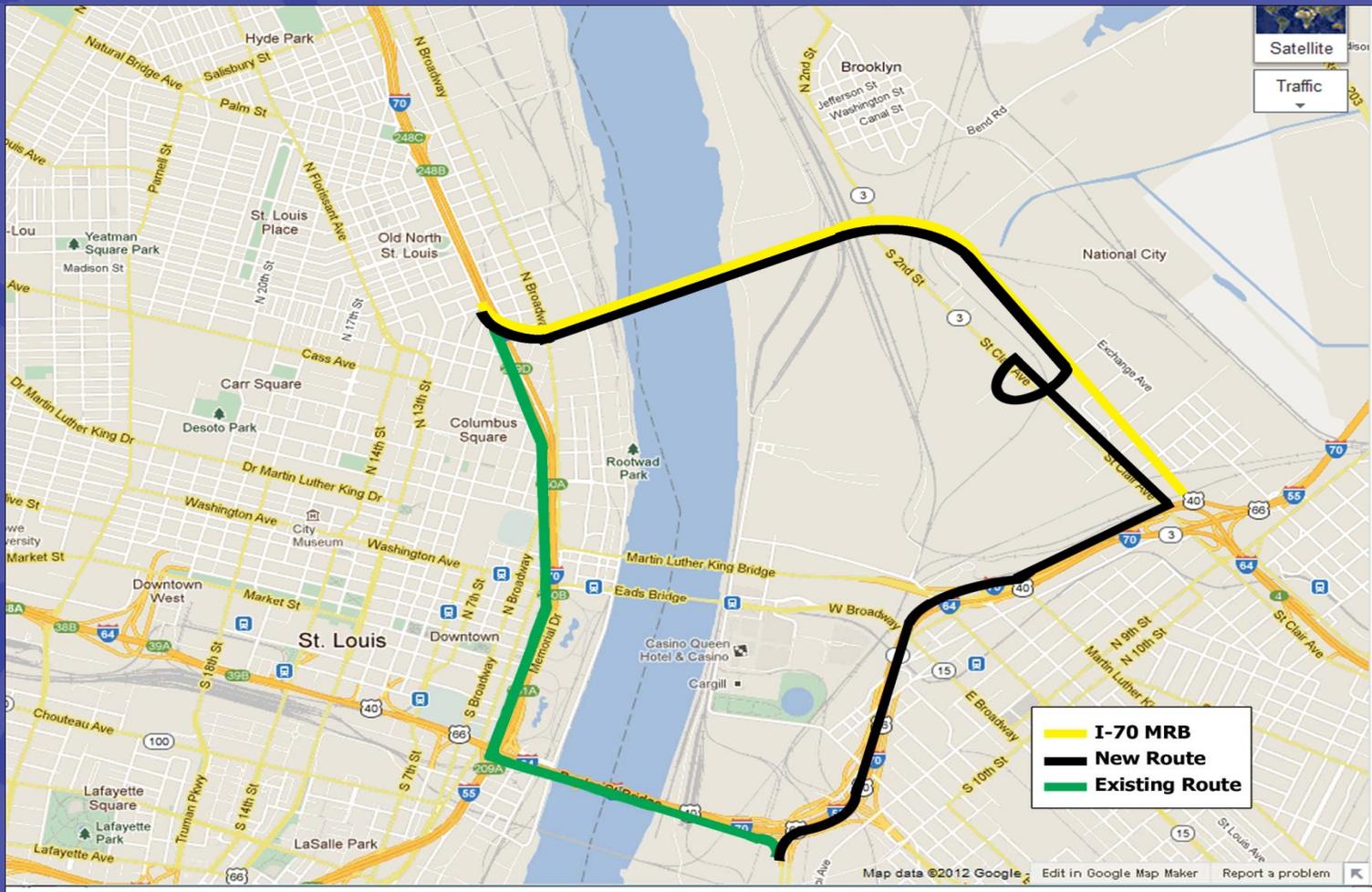


With MRB & PSB

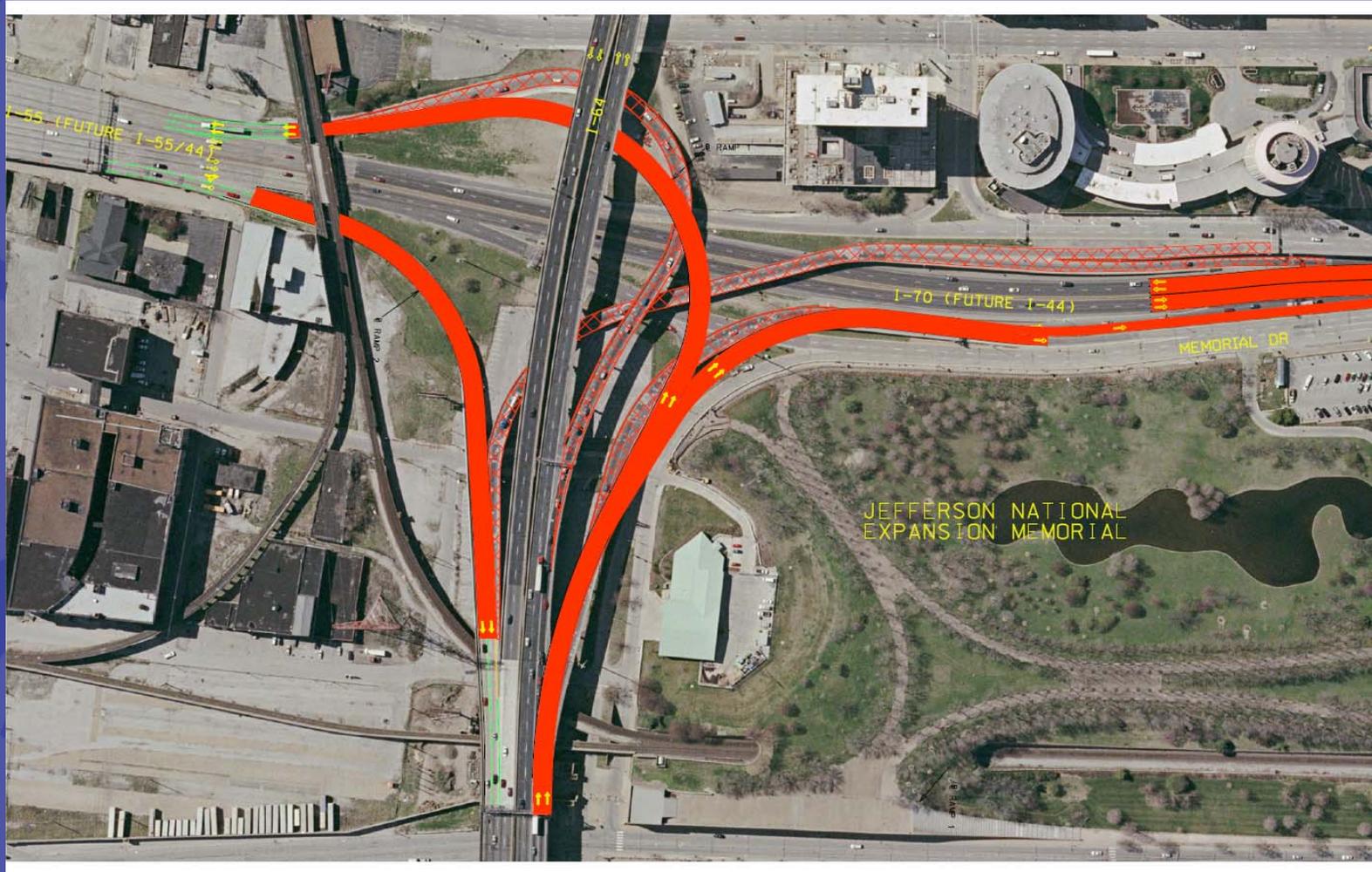


2015 PM
Congestion

Regional Concern

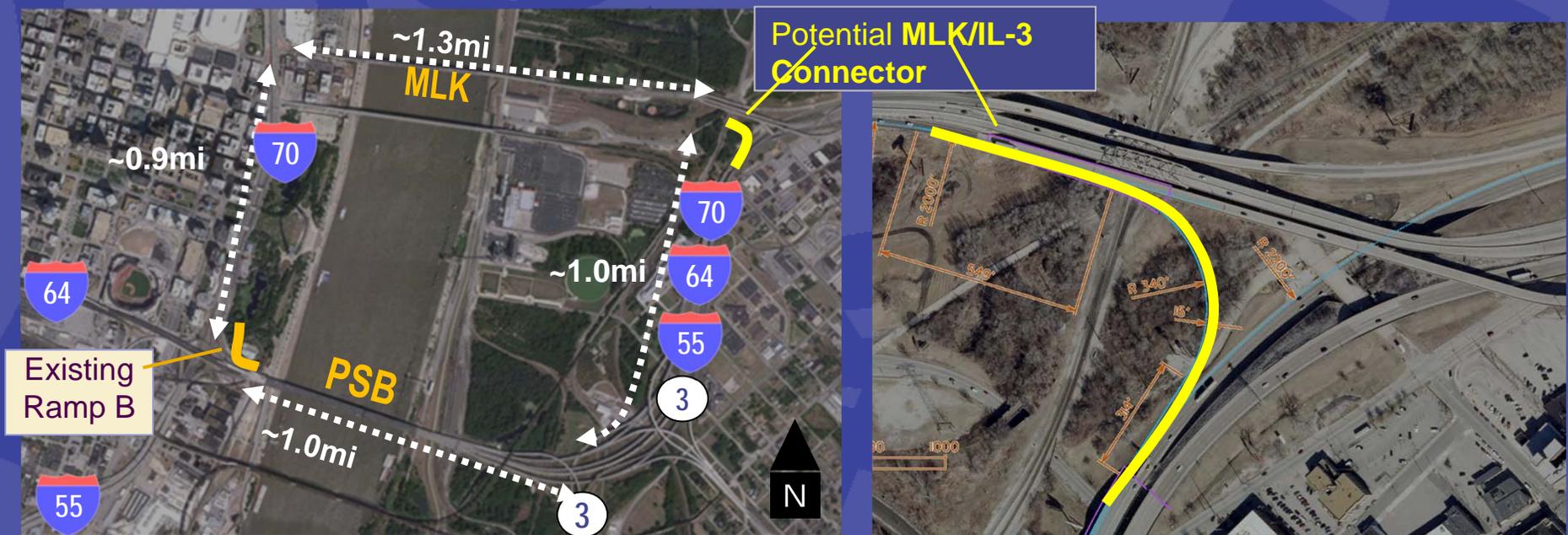


Regional Solution Phase 1 Interchange Improvements, July 2011



Regional Solution Phase 2 MLK Connector

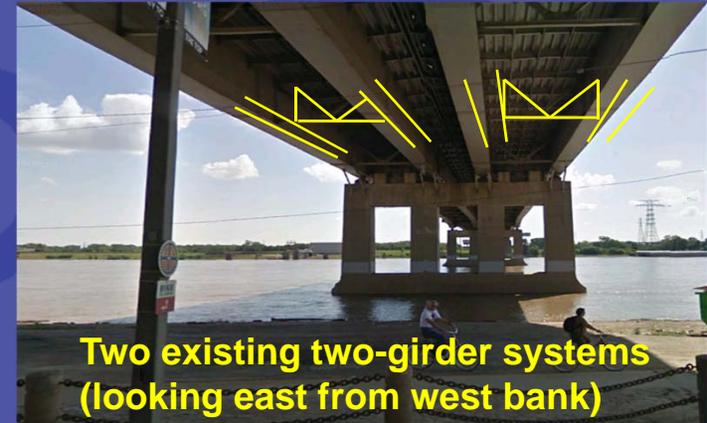
- Reduces travel time in p.m. peak



Regional Solution Phase 3

Widen PSB (Slide)

- Modify substructure
- Slide EB Bridge South 9 ft
 - Adds 5th EB Lane
- Add Crossframes
- Infill Orthotropic Decking



Design Components

1. Roadway
2. MO Ramps
3. PSB Widening

MoDOT to Design Roadway

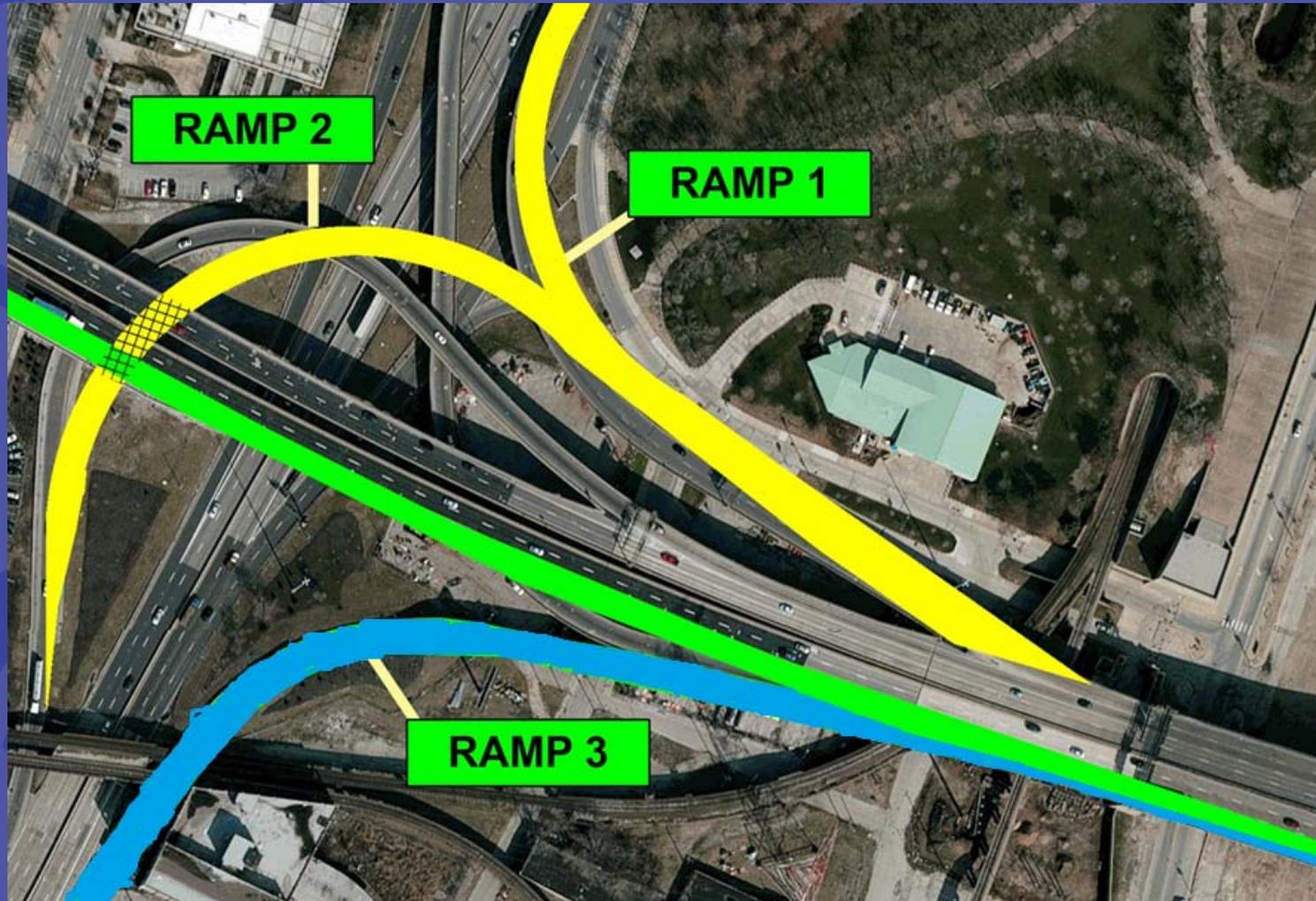
- Alignment
- Profile
- X-sections
- Typical Sections
- Roadway Special Provisions
- Drainage
- R/W Plans

Design Contract 1

MO Ramps

- WB Direction Ramp Structures
 - PSB to Memorial, I-44, & I-55
- EB Direction Ramp Structures
 - I-55 to PSB
- 6th Street Structure Widening to PSB
- Geotech, Surveying, Retaining walls,
Signing & Utilities

Design Project 1



Design Contract 2

PSB Slide & Maintenance

- Widening of PSB (slide)
- Widening of Structure, PSB to Rte. 3
- Maintenance Items
 - Overlay
 - Painting
 - Curb Repair & Miscellaneous Rehab

Design Project 2



Construction Issues

- Coordination with CAR 2015
- Rehabilitation Funding
- Rail Road R/W on IL Approach
- Coordination with MLK Closure

Game Plan

- Complete all design by Oct. 18, 2013
- Award to coincide with MRB Opening
- Possible Split in 2 Construction Projects
 - **1)** WB Ramps (Complete by 10-2015)
 - **2)** EB Ramp, PSB & Approach Widen (adjust construction with RR R/W clearance and MLK rehab closure)

IMPORTANT ISSUES

- **FUNDING**
- **TRAFFIC IMPACTS**
- **DIVERSE WORKFORCE**

The background is a solid dark blue color. In the center, the word "MODDO" is written in a large, bold, white, sans-serif font. The letters are slightly faded and have a subtle shadow effect. Below the word, there are several thick, white, curved lines that sweep across the bottom half of the image, creating a sense of motion or a stylized wave. The overall design is clean and modern.

Questions about PSB ?