

**MRB**

# **Mo Interchange**

## **Alternate Technical Concepts**

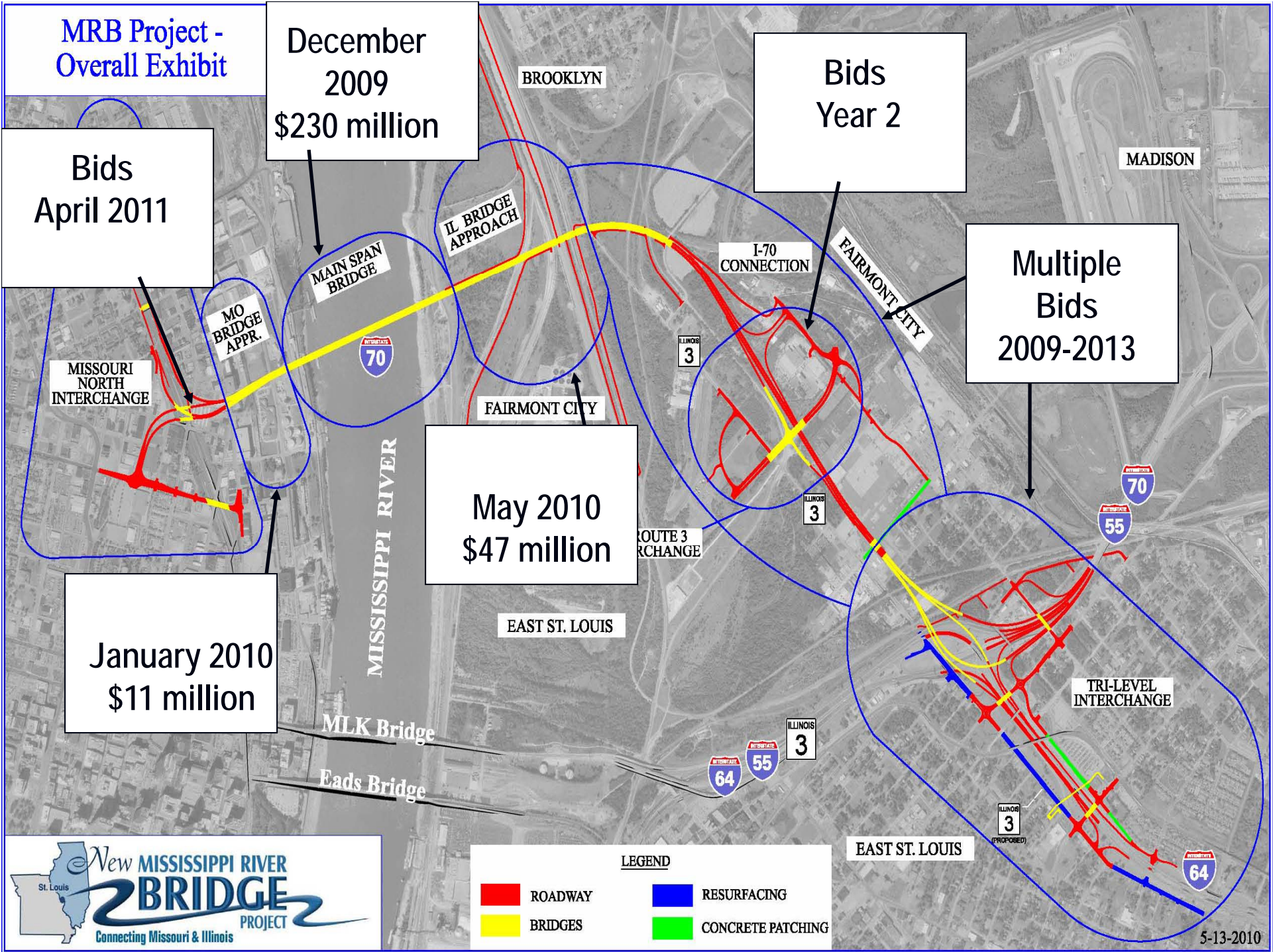
**August 27, 2010**

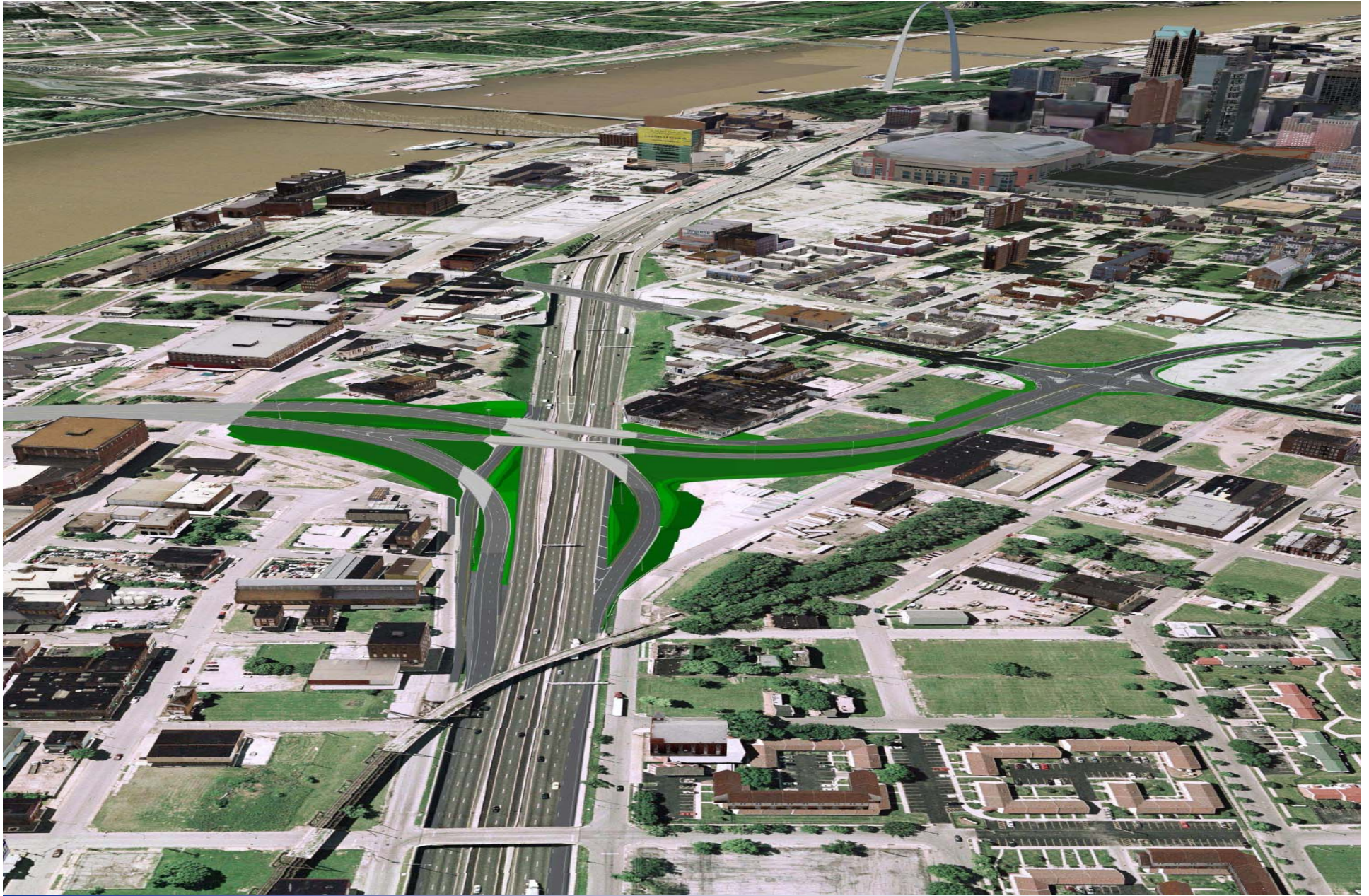


**Illinois Department  
of Transportation**



**MoDOT**  
Missouri Department of Transportation





What is  
Alternate Technical Concept  
ATC ?

# Why are we doing ATC?

## Lower costs

- by achieving the best construction practices and using the most economical design
- Maximize opportunities for Contractor Innovations (means and methods)
- Minimize risk of costly Change Orders
- Maximize competitive bidding

# How the ATC process works?

## ■ Step 1

- Contractor reviews plans on website
- Contractor proposes a Conceptual ATC
- Contractor meets with MRB Team to discuss
  - One on One meetings (Aug 30 – Nov 1)

# How the ATC process works?

## ■ Step 2

- MRB Team Reviews CATC
- MRB Team Estimates Design Cost
- MRB Team Accepts or Rejects CATC

# How the ATC process works?

## ■ Step 3

- If accepted, Contractor submits formal ATC proposal by Nov. 15
- MoDOT designs, to biddable quantities, ATC Plans in coordination with Contractor
- Contractors bid project in April, 2011

# How the ATC process works?

## ■ Step 4

- If ATC Contractor is successful low bidder, MoDOT develops final signed and sealed plans.
- Project Awarded May, 2011
- Project Completion Aug 2, 2013

# Mo. Interchange ATC Review Team

- Greg Horn – MoDOT
- Randy Hitt – MoDOT
- Jim Middleton – MoDOT
- John Grana - MoDOT
- Greg Sunde – MoDOT
- Pete Clogston – FHWA
- Greg Law – CMT
- Ron Breville – CMT
- Jay Rakers - CMT

# Mo I-70 Interchange Schedule

- August 13, 2010 Plans Posted on Website
- August 27, 2010 Contractors / Industry Meeting
- August 30, 2010 Individual Contractor meetings start
- November 1, 2010 Last day to Register for ATC's
- November 1, 2010 Last day to submit CATC.s
- November 15, 2010 Last day to submit formal ACT's
- March 1, 2011 Complete bid packages for each contractor
- April 2011 Bids Due
- May 2011 Contract Awarded
- July 2011 Construction Notice to Proceed

# What are the limits of ATC proposals?

- Net Savings of \$200,000
- Operate within AJR
- Operate within EIS
- Contract completion dates
- Municipal Agreement
- Geometric Design Limitations
- Design Exceptions
- Utility Relocations

# Confidentiality of ATC Process

- All participants in ATC process sign a confidentiality agreements
- Contractor develops minutes of the one-on-one meeting to make sure that the information is in the contractors words, not MRB Team interpretation.
- Only the successful ATC bidders design will be exposed. All other proposals will be protected.

# DBE Commitment – Ensuring Inclusion

- MRB DBE to Date – 18 %
- MRB Design and Construction to Date
  - 115 DBE Subcontracts
  - 73 DBE Firms
  - \$64 Million to DBE's
- 23 Construction Projects Remaining

# Work Force - Ensuring Inclusion

- Federal Goals
  - 14.7% Minority
  - 6.9% Female
- MRB To Date
  - 22.9% Minority
  - 5.3% Female



Questions ?

**MRB Project Director Greg Horn**

**[www.newriverbridge.org](http://www.newriverbridge.org)**

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