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# Central Tri-State Tollway (I-294)

Master Plan Vision

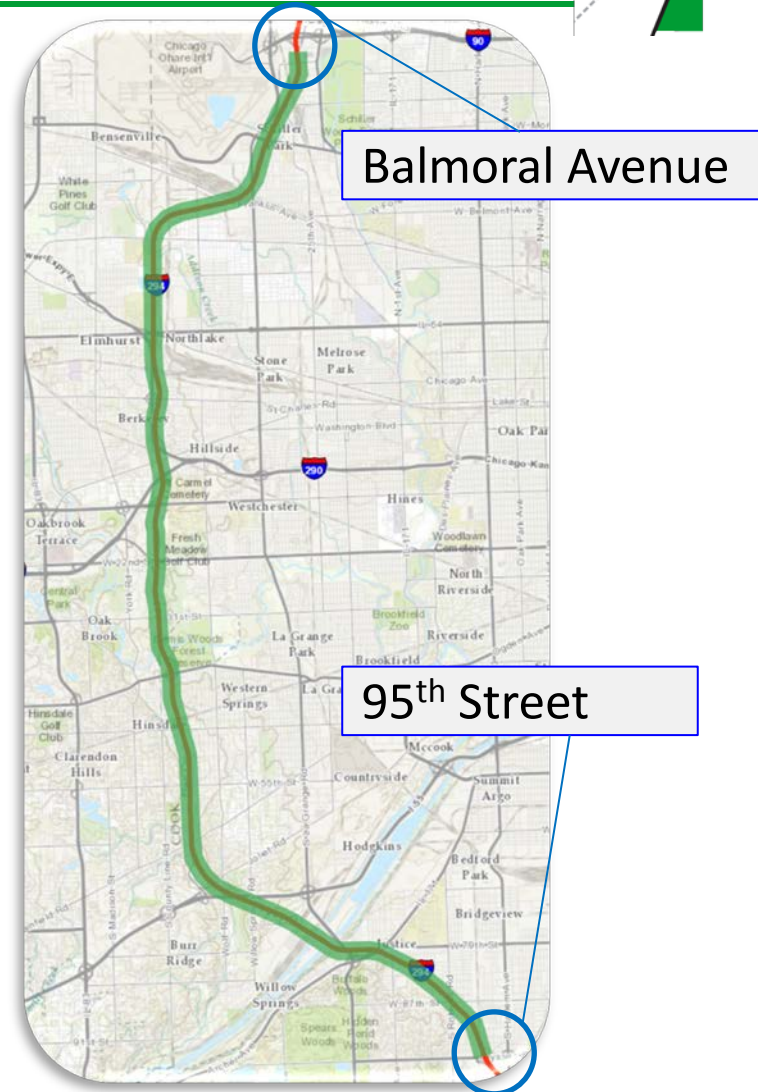
December 10, 2014

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# Project Limits/*Move Illinois* Scope

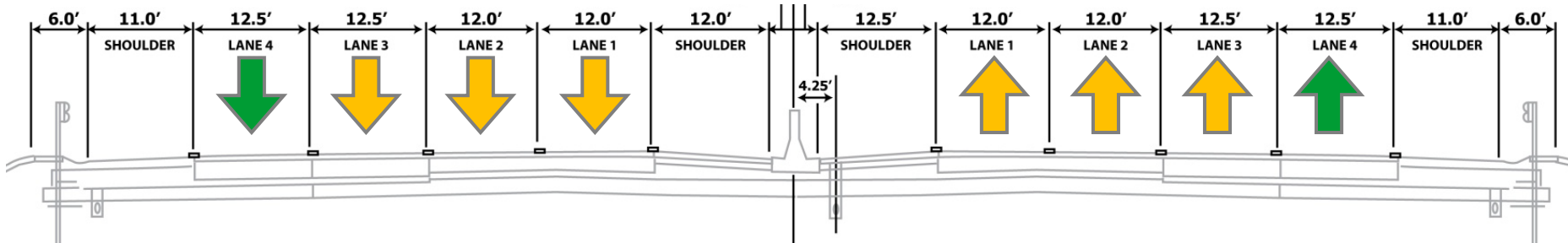
- ▶ **Project limits**
  - ▶ 22.3 miles – 95<sup>th</sup> Street to Balmoral Avenue
- ▶ **Central Tri-State reconstruction in *Move Illinois* Program scheduled from 2020 to 2022 includes:**
  - ▶ Mainline reconstruction = \$1,694 million
  - ▶ Bridge and ramp repairs = \$310 million\*

\* Entire Tri-State Corridor

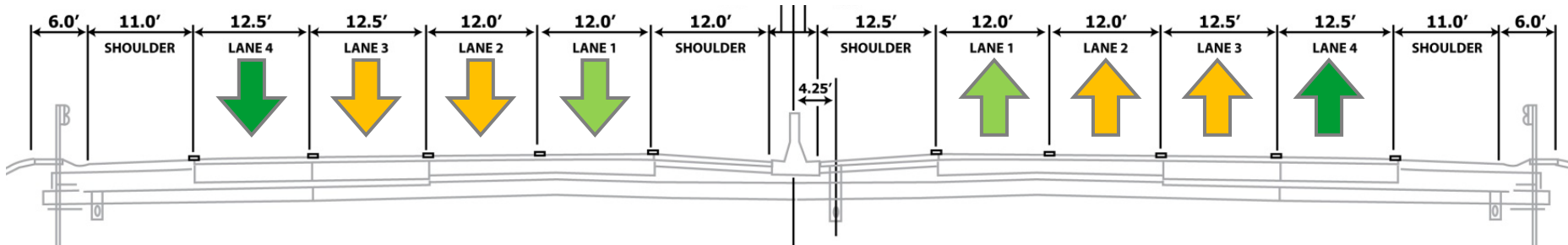


# Existing Conditions

## Balmoral Avenue to I-55



## I-55 to 95<sup>th</sup> Street



1958



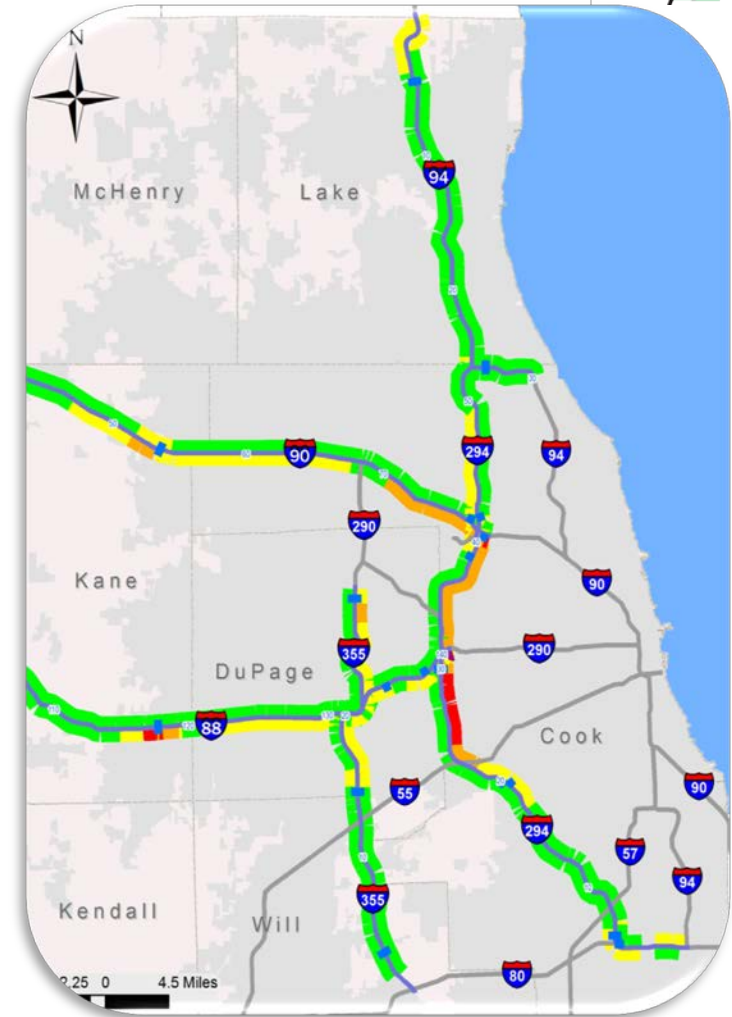
1972



1992

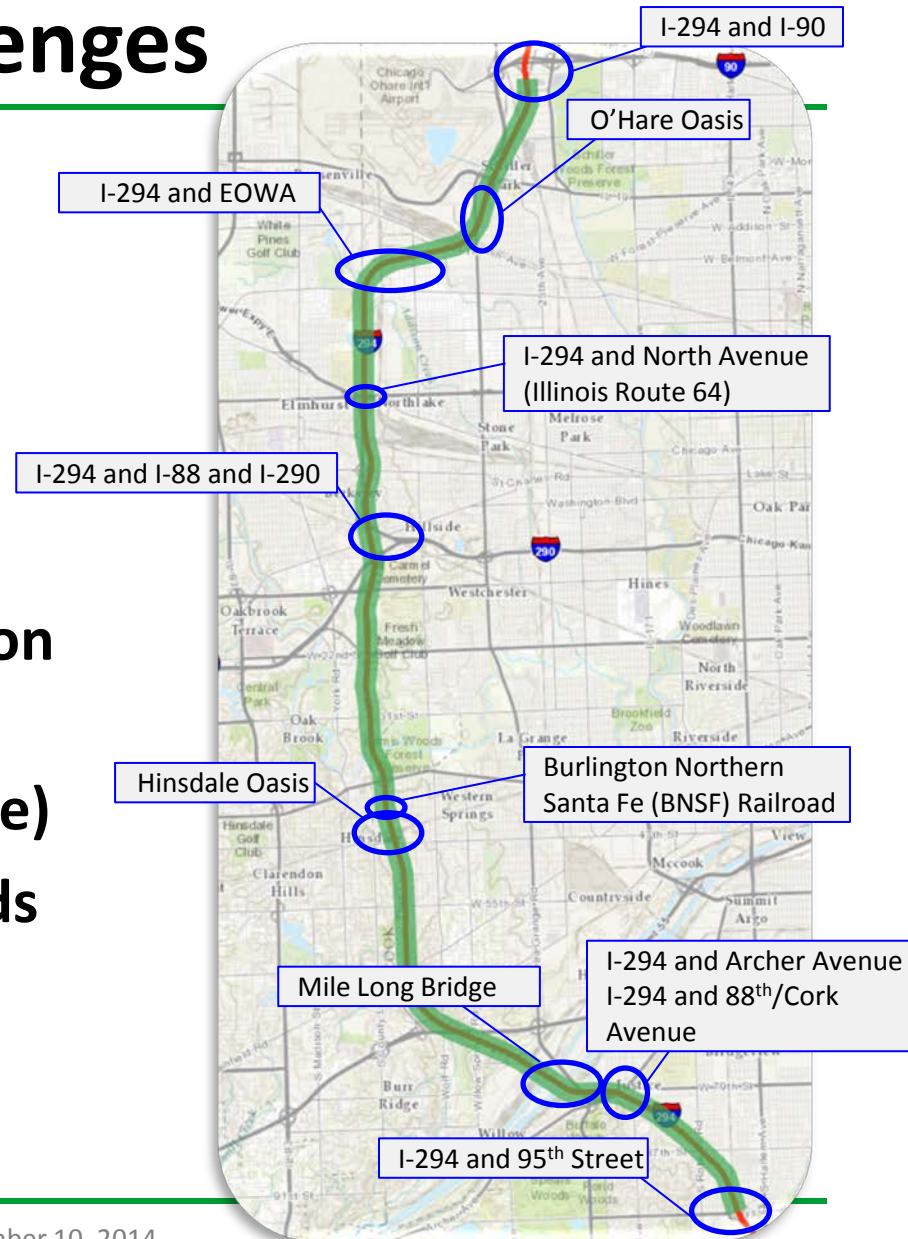
# Existing Conditions - Traffic

- ▶ **95<sup>th</sup> Street to O'Hare International Airport**
  - ▶ 2012 average annual daily traffic is highest on Tollway system (from 120,000 to 185,000)
- ▶ **45 percent of systemwide toll revenue generated by Tri-State**
  - ▶ 19 percent generated by Central Tri-State Tollway
- ▶ **Central Tri-State experiences more congestion by lane mile than any other segment of the system**



# Central Tri-State Challenges

- ▶ **Highest traffic volumes on the system**
- ▶ **System interchanges and operational issues**
  - ▶ Develop feasible alternatives that improve traffic flow
- ▶ **Bridges in need of reconstruction or repair**
- ▶ **Two oases (Hinsdale and O'Hare)**
- ▶ **Utilities, railroads and billboards**
- ▶ **Constrained right-of-way**



# Central Tri-State Opportunities

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- ▶ **Explore roadway improvements**
  - ▶ Reconstruct four lanes in each direction with wider median shoulder and inside lane
  - ▶ Reconstruct and widen to five lanes in each direction
  - ▶ Reconstruct and widen to five lanes in each direction with wider median shoulder and inside lane
- ▶ **Deploy active traffic management (ATM) similar to eastern segment of Jane Addams Memorial Tollway (I-90)**
- ▶ **Assess transit market and options similar to I-90**
- ▶ **Optimize long-term solution for Mile Long Bridge**
- ▶ **Evaluate interchange improvements at multiple locations**
- ▶ **Consider additional truck parking and other freight strategies**

# Gathering Input

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- ▶ **An overall outreach plan will be prepared by the project team in 2015 which will include:**
  - ▶ Stakeholder advisory committees or working groups
  - ▶ Public meetings and open house events with communities, general public and customers
- ▶ **Public and stakeholder input and recommendations will be incorporated into the master planning process**
- ▶ **All input will be shared with the Tollway Board through the Customer Service Strategic Planning Committee**

# Next Steps

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- ▶ **Advertise and award professional services contracts (2014-2015)**
  - ▶ Master plan for Central Tri-State – two segments
  - ▶ Mile Long Bridge
  - ▶ BNSF Railroad Bridge
- ▶ **Complete master plan and bridge design (2016-2017)**
  - ▶ Stakeholder/community outreach
  - ▶ Tollway Board input and approval
- ▶ **Advertise and award design contracts (2017-2018)**
- ▶ **Initiate land acquisition, utility relocations, agreements and permit applications (2018-2020)**
- ▶ **Advance bridge and wall work (begin in 2020)**
- ▶ **Mainline construction (begin in 2021)**





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**THANK YOU**

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# APPENDIX



# Existing Conditions

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## ▶ Improvement History

- ▶ **1958:** Original construction
  - ▶ Three lanes from I-55 to Balmoral Avenue
  - ▶ Two lanes from 95<sup>th</sup> Street to I-55
- ▶ **1972:** Widened to three lanes from 95<sup>th</sup> Street to I-55 and resurfaced
- ▶ **1992:** Widened to four lanes and resurfaced
- ▶ **2001:** Resurfaced
- ▶ **2012:** Resurfaced