



Capital Program Overview

June 2015

Agenda

- ▶ **Congestion-Relief Program (2004-2016)**
- ▶ ***Move Illinois* Program overview (2012-2026)**
- ▶ **Capital program highlights**
- ▶ **Project highlights**
- ▶ **Program initiatives**
 - ▶ Active traffic management
 - ▶ Connected vehicles
 - ▶ All-electronic tolling
 - ▶ Building green
- ▶ **2015 capital program**

Congestion-Relief Program

12-year, \$5.8 billion program



Congestion-Relief Program
(2004-2016)

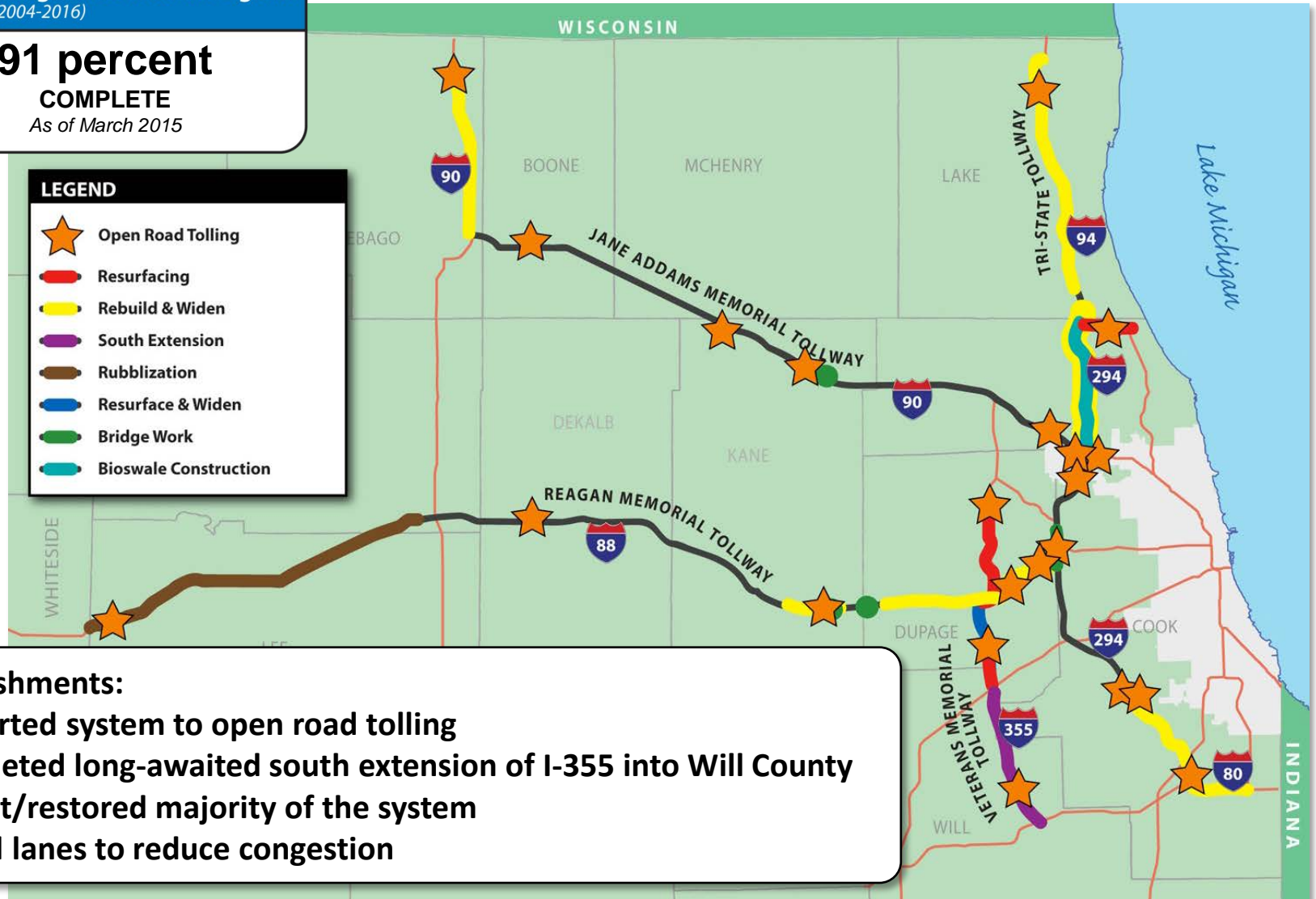
91 percent

COMPLETE

As of March 2015

LEGEND

- ★ Open Road Tolling
- Red line Resurfacing
- Yellow line Rebuild & Widen
- Purple line South Extension
- Brown line Rubblization
- Blue line Resurface & Widen
- Green circle Bridge Work
- Cyan line Bioswale Construction



Accomplishments:

- Converted system to open road tolling
- Completed long-awaited south extension of I-355 into Will County
- Rebuilt/restored majority of the system
- Added lanes to reduce congestion

Move Illinois Program

15-year, \$12.1 billion program

MOVE ILLINOIS

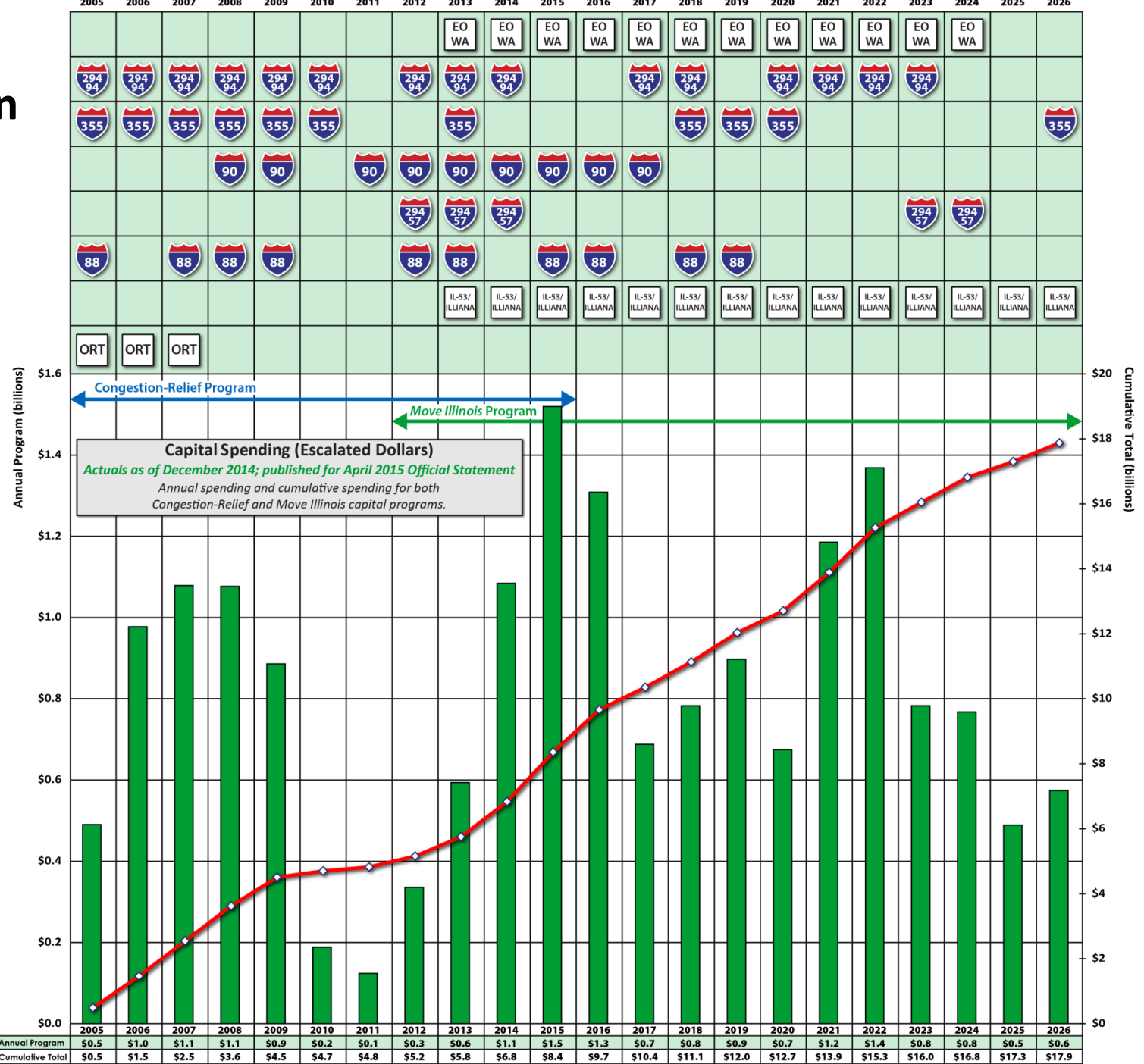




Capital Program Highlights

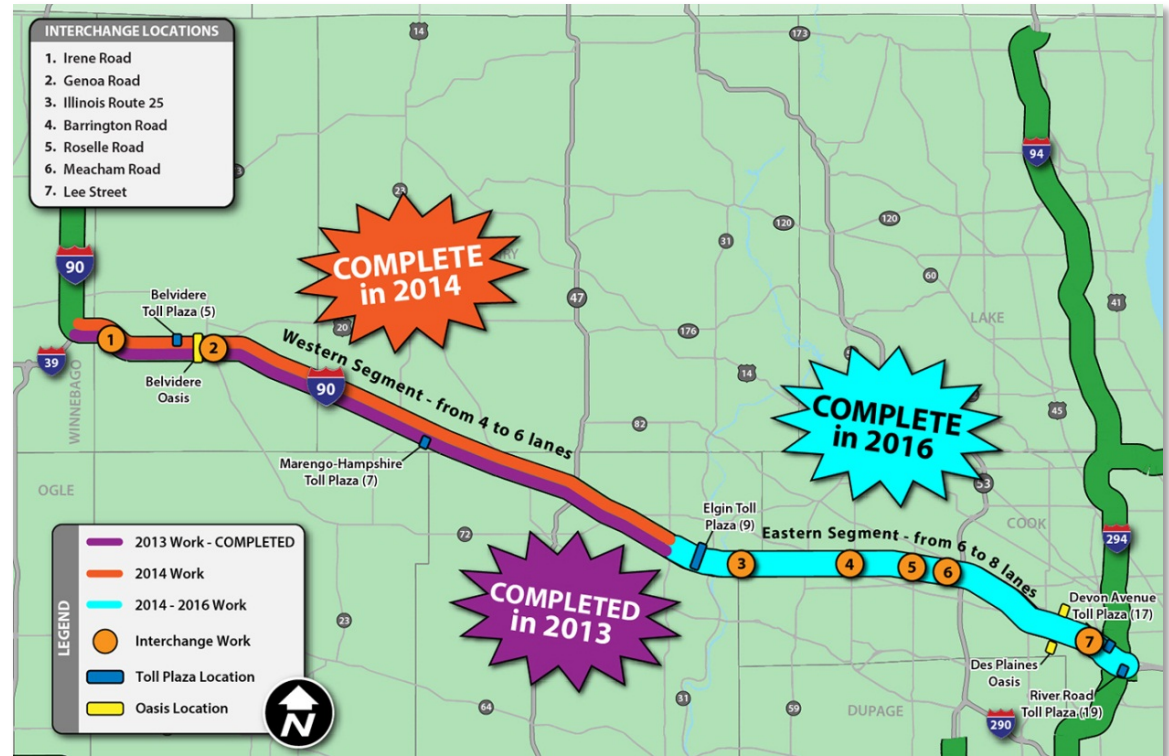
- ▶ **\$8.9 billion (nearly 40 percent) of the combined capital program budget committed**
 - ▶ \$5.6 billion (91.7 percent) of Congestion-Relief Program (CRP)
 - ▶ \$3.3 billion (14.5 percent) of *Move Illinois* Program
- ▶ **815 construction and professional services contracts of various sizes awarded for both programs**
- ▶ **Construction projects being delivered at 3.3 percent under budget**
- ▶ **24,720 total jobs created or sustained since January 2012**
- ▶ **770 unique vendors, more than 365 are new to the Tollway under *Move Illinois* (August 2011 to March 2015)**

Combined Construction Schedule 2005-2026



Jane Addams Memorial Tollway (I-90)

- ▶ Rebuilding and widening I-90 as a 21st century, state-of-the-art corridor linking Rockford to O'Hare International Airport
- ▶ 62 miles of roadway improvements
- ▶ \$2.5 billion budget includes funds to integrate transit in the corridor today, well as future transit expansion plans
- ▶ Building a smart corridor



Elgin O'Hare Western Access Project

- ▶ **\$3.4 billion project**
 - ▶ 91 percent funded by *Move Illinois* Program

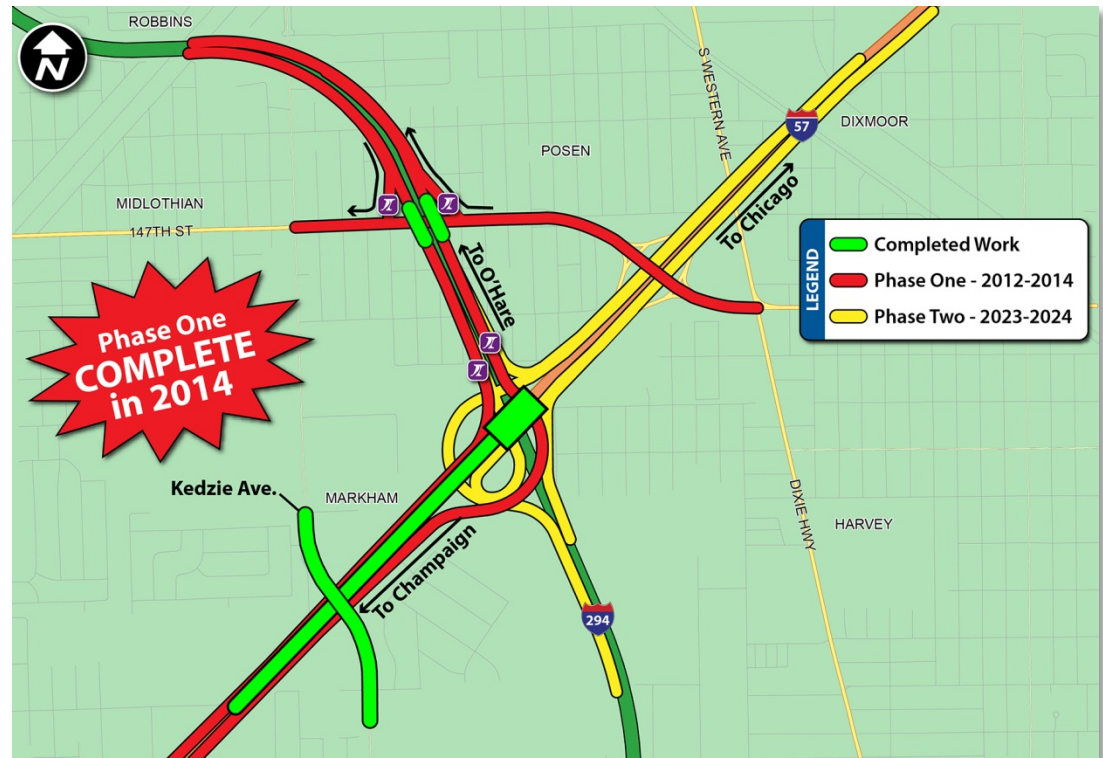
- ▶ **Provide western access to O'Hare International Airport**

- ▶ **First all-electronic toll road in the region**



Tri-State Tollway (I-294)/I-57 Interchange Project

- ▶ New access and mobility in the Chicago Southland
- ▶ Project in coordination with IDOT
- ▶ Connecting I-57 to the Tollway system
- ▶ Ramps to/from Champaign complete – providing 75 percent of the project’s benefits



Illinois Route 53/120 Project

- ▶ Initial study and planning phase
- ▶ Estimated project budget is \$2.35 - \$2.65 billion in 2020 dollars
 - ▶ Tollway commitment is \$500 million, leaving funding gap of approximately \$1.9 billion
- ▶ Limited-access, tolled parkway
- ▶ Small footprint, four lanes, 45 mph
- ▶ Environmental enhancements and performance standards
- ▶ Innovative design



Systemwide Improvements

Taking care of existing system needs and protecting investment

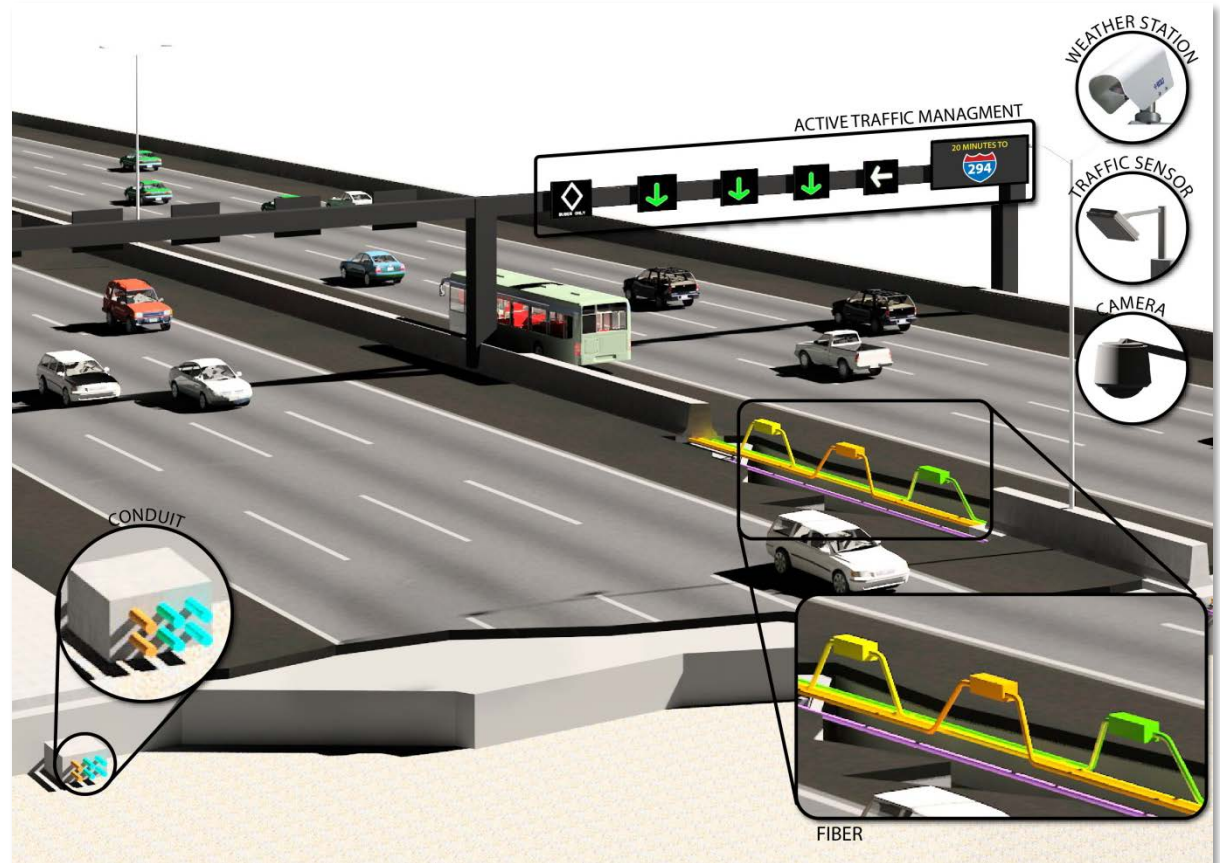
- ▶ Annual projects to maintain a state of good repair
- ▶ Represents about half of the construction contracts we award and manage annually
- ▶ Most projects are generally one construction season in length and under \$5 million in cost
- ▶ **Includes**
 - ▶ Ramp reconstruction
 - ▶ Bridge and wall repairs
 - ▶ Pavement repairs
 - ▶ Safety improvements, pavement markings, signing upgrades
 - ▶ Landscaping



Program Initiatives

Active Traffic Management

- ▶ I-90 Rebuilding and Widening Project from Barrington Road to the Kennedy Expressway
- ▶ Flexible infrastructure to incorporate smart features



Potential Connected Vehicle Application

▶ **What is a connected vehicle?**

- ▶ Features an independent onboard wireless capability to transfers information by vehicle-to-vehicle and vehicle-to-infrastructure
- ▶ Potential to communicate important safety and mobility information that can help save lives, prevent injuries, ease traffic congestion and improve the environment

▶ **Federal contract opportunity**

- ▶ Encourages testing and development of CV technology
- ▶ Partnership with the public and private sector
- ▶ Goal to realize early access to the potential safety and operational benefits

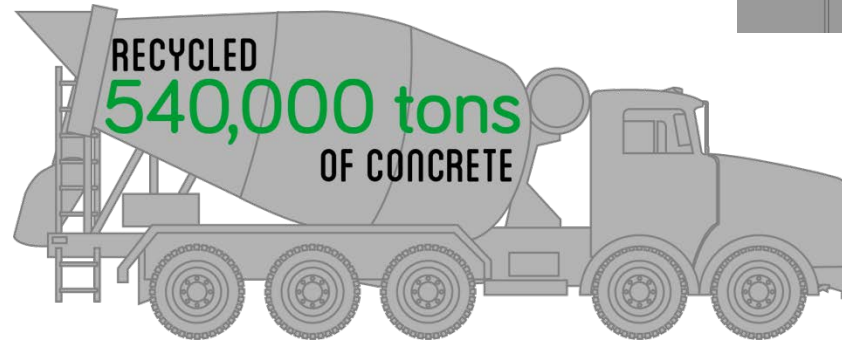
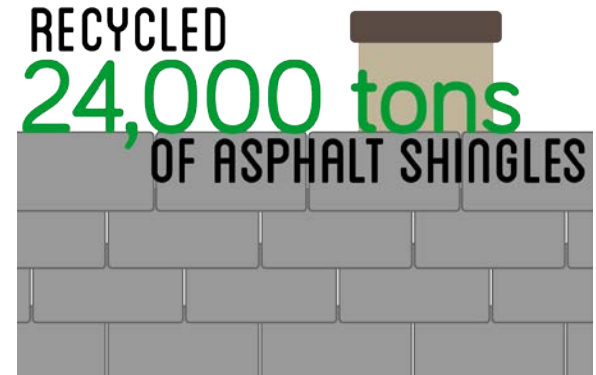
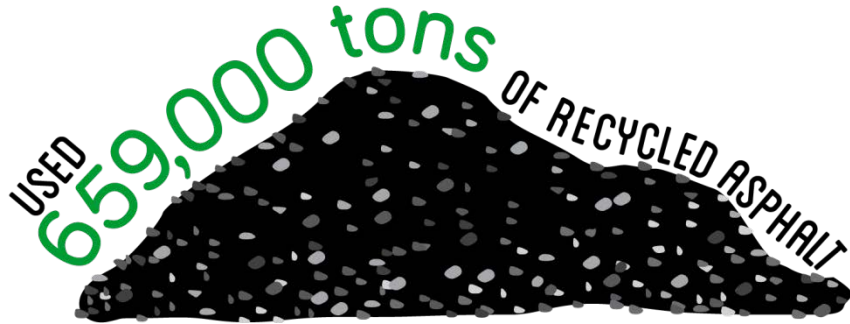


All-Electronic Tolling (AET)

- ▶ Largest open road tolling system in the nation
- ▶ More than 87 percent of Illinois Tollway toll transactions are paid with I-PASS
- ▶ Four existing all-electronic tolling locations
 - ▶ Tri-State Tollway (I-294)/I-57 Interchange Project
 - ▶ Illinois Route 47 Interchange on the Jane Addams Memorial Tollway (I-90) in Huntley
 - ▶ Balmoral Avenue Interchange on the Tri-State Tollway (I-294) in Rosemont
 - ▶ Eola Road Interchange on the Reagan Memorial Tollway (I-88) in Aurora
- ▶ **Building Elgin O’Hare Western Access as Tollway’s first fully All-Electronic roadway**



2014 Building Green Statistics



Nearly 1.4 million tons of recycled concrete, asphalt and aggregate in the construction of new roads – **enough to build a nearly 2,700-mile bike path from Boston to San Francisco**

Sustainability Tools

▶ Federal Highway Administration’s Infrastructure Voluntary Evaluation Sustainability Tool (INVEST)

- ▶ \$150,000 grant received from FHWA to implement
- ▶ Tool used to evaluate the economic, environmental and social impacts of *Move Illinois*

▶ Life Cycle Assessment tool in partnership with the University of Illinois

- ▶ Assess every stage in the lifespan of a roadway or bridge, from the use of materials to construction to maintenance and repairs to disposal or recycling



Engineering and Diversity Efforts

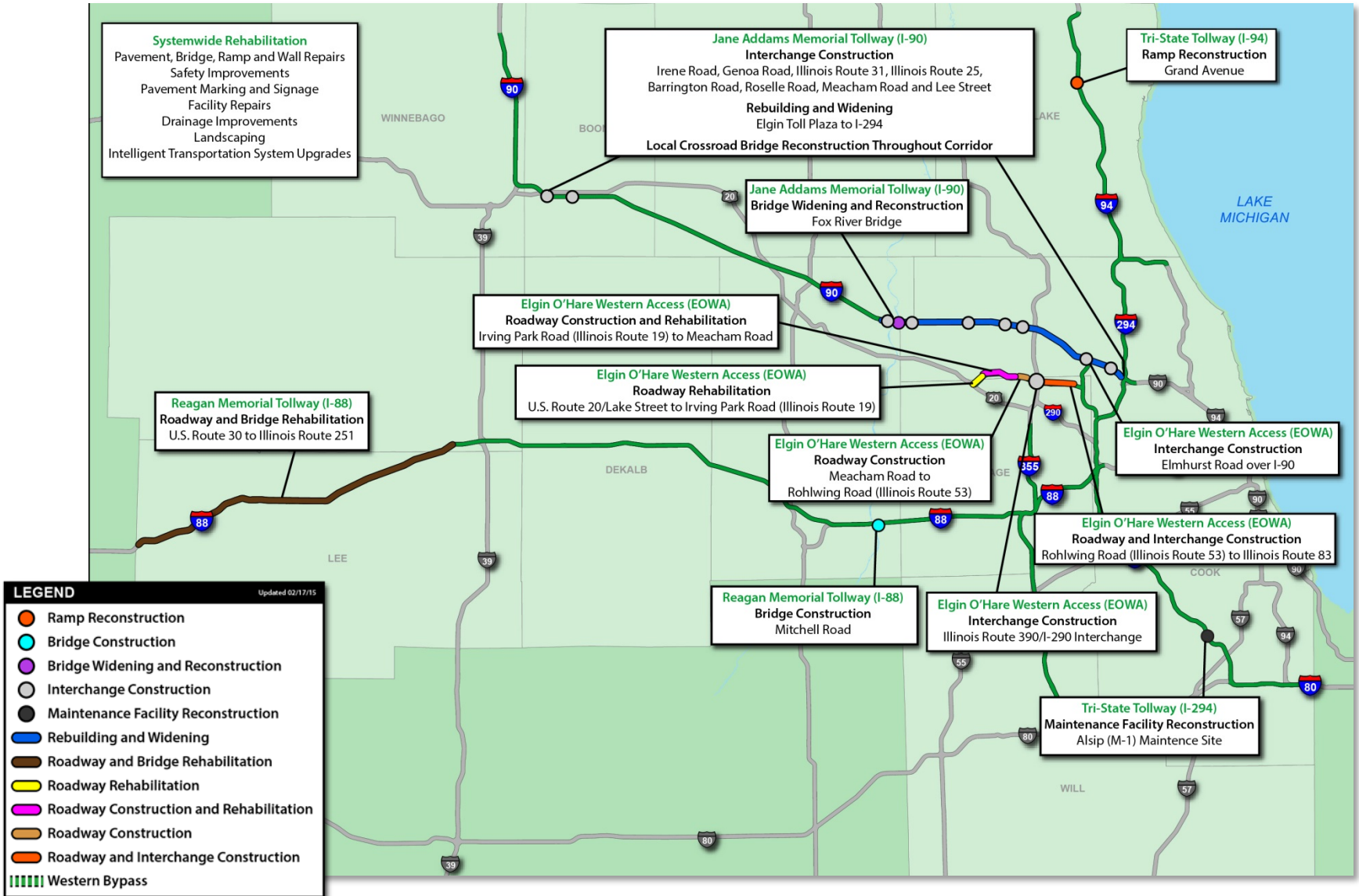
- ▶ **\$555.6 million paid to D/M/WBEs (23.6 percent) of \$2.4 billion paid on construction and professional services contracts over the last five years**
 - ▶ \$311.2 million (19.1 percent) paid to D/M/WBEs on construction
 - ▶ \$244.4 million (33.4 percent) paid to D/M/WBEs on professional services

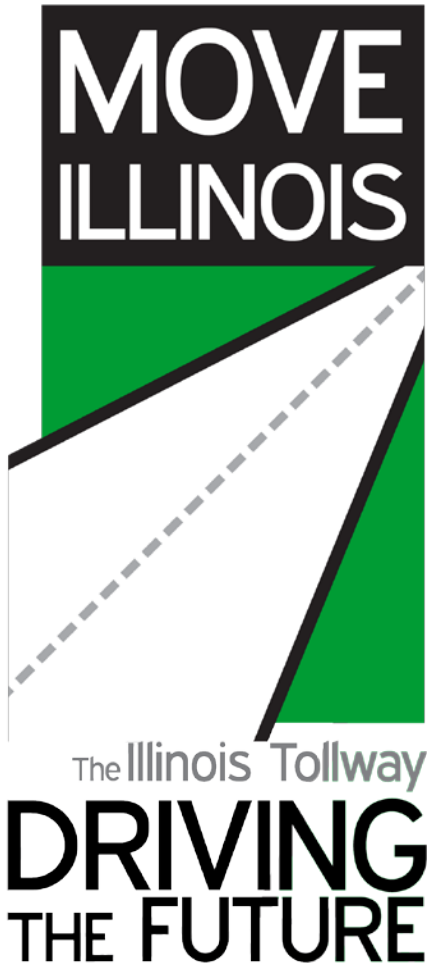
- ▶ **87 contracts under \$5 million awarded since 2012**
 - ▶ Nearly 40 percent of bidders were new, 16 new companies won prime contracts

- ▶ **12 Small Business Set-Aside contracts awarded since 2013**
 - ▶ Nearly half went to D/M/WBE or veteran-owned firms

2015 Construction Overview

Spending \$1.6 billion





THANK YOU



Appendix

***Move Illinois* is a Robust Capital Program**

- ▶ **Largest capital program in the agency's history**
- ▶ **Largest capital program of any toll road in the country**

Public Agency	Total Capital Program Value
Illinois Tollway (<i>Move Illinois</i> Program)	\$12.1 B/15 years
Illinois Tollway (Congestion-Relief Program)	\$5.8 B/12 years
North Carolina Toll Authority	\$5.2 B/10 years
Florida Turnpike Enterprise	\$2.35 B/5 years
New Jersey Turnpike Authority	\$2.25 B/5 years
North Texas Tollway Authority	\$1.1 B/5 years
Miami-Dade Expressway Authority	\$400 M/5 years
Maine Turnpike	\$610 M/10 years



Reputation for Delivering Projects On Time

Tollway is customer-focused, keeping as many lanes open as possible during construction

- ▶ **Delivered 80 percent of Congestion-Relief Program in the first five years (by 2009)**
 - ▶ Converted entire Tollway system to Open Road Tolling in two years (2005 and 2006)
 - ▶ Opened a new, 12.5 mile south extension of the Veterans Memorial Tollway (I-355) on time in 2007
 - ▶ Widened and reconstructed 51.4 miles of the Tri-State Tollway (I-294) and opened all segments on time between 2005 and 2009
- ▶ **Seeing early milestones in *Move Illinois* Program**
 - ▶ Opened phase one of the new, all-electronic Tri-State Tollway (I-294)/I-57 Interchange Project on time in 2014
 - ▶ Opened 37-miles of the \$2.5 billion Jane Addams Memorial Tollway (I-90) Rebuilding and Widening Project between Rockford and Elgin in just two years and on time in 2014

