

Illinois Asphalt Pavement Association

March 10, 2015



Today's Agenda

- ▶ **2015 capital program**
- ▶ **Project highlights**
 - ▶ Jane Addams Memorial Tollway (I-90) Rebuilding and Widening Project
 - ▶ Elgin O'Hare Western Access Project
 - ▶ Reagan Memorial Tollway (I-88)
- ▶ **Build green**
- ▶ **Getting information**

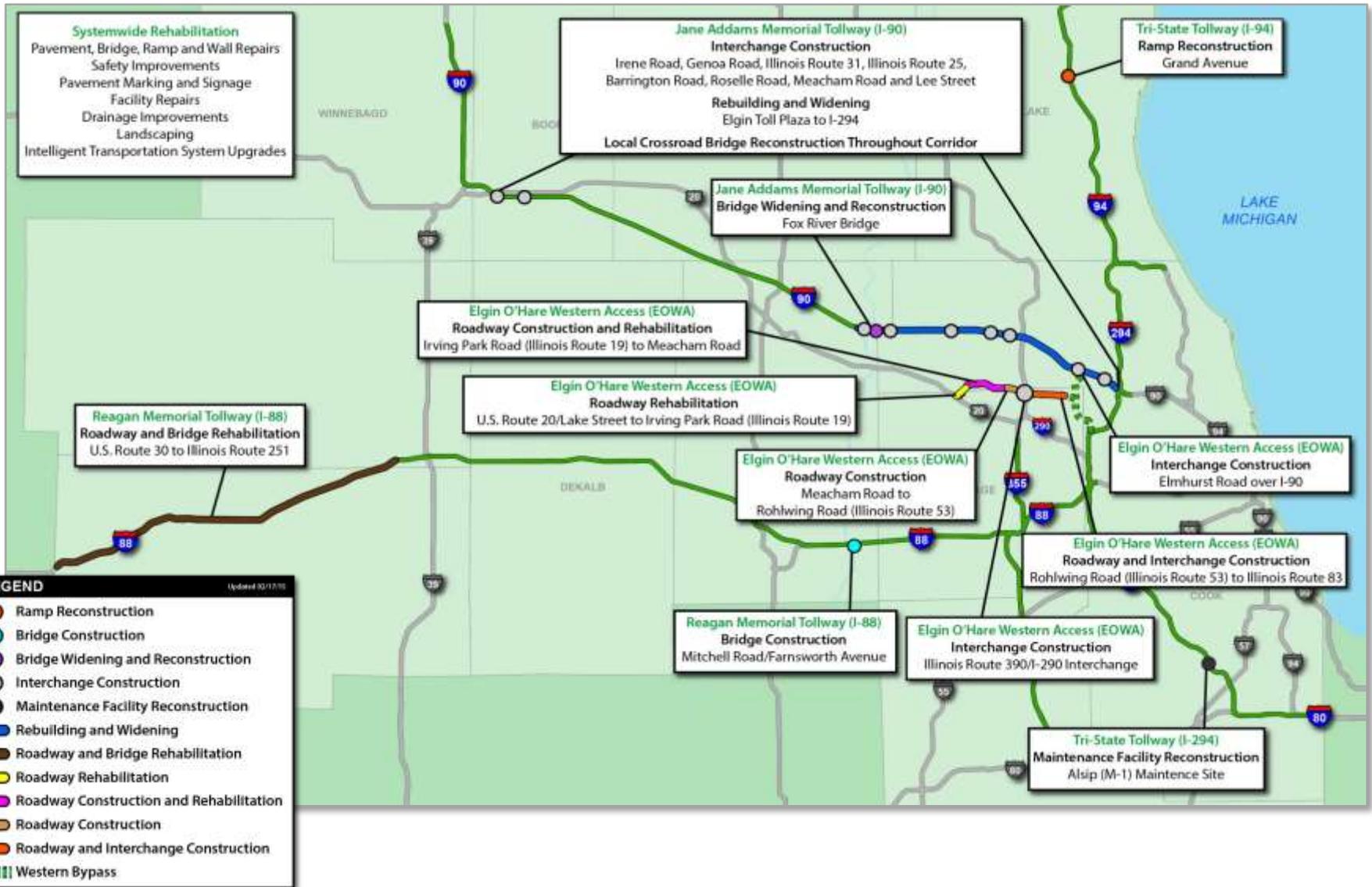


2015 Capital Program Highlights

Largest year in the Tollway's history

- ▶ **Anticipate \$1.63 billion in spending:**
 - ▶ Rebuild 310 lane miles of roads
 - ▶ Repair 122 bridges
 - ▶ Build or improve 20 interchanges
 - ▶ Create or sustain as many as 17,000 total jobs
- ▶ **Enhance customer service**
- ▶ **Continue to build green**

2015 Construction Overview



Elgin O'Hare Western Access Project

Spending \$319.8 million

- ▶ Expect to deliver first phase of Illinois Route 390 Project by the end of this year
- ▶ Continuing work on the I-290 Interchange and the Elmhurst Road Interchange on I-90





Using Warm-Mix Asphalt (WMA)

- ▶ **Rebuilding and widening the eastern segment of I-90**
 - ▶ More than 250,000 tons of WMA binder for stabilized subbase under concrete pavements
 - ▶ More than 350,000 tons of dense-graded mixes for asphalt shoulders

- ▶ **Construction of the Illinois Route 390 Project as part of the Elgin O'Hare Western Access Project**
 - ▶ Approximately 150,000 tons of WMA for stabilized subbase under concrete pavements and for asphalt shoulders
 - ▶ Approximately 80,000 tons of HMA for local roadway and frontage road construction

Reagan Memorial Tollway (I-88)

Spending \$108 million

- ▶ **Resurfacing roadway and mainline bridges from U.S. Route 30 to Illinois Route 251**
 - ▶ Providing a smoother surface, improving the overall driving experience and extending the life of the roadway
 - ▶ Repackaging and phasing of westernmost segment is ongoing to rebid work between U.S. Route 30 and Illinois Route 52
- ▶ **Completion scheduled in 2016**



Stage Construction on I-88

- ▶ **Two contracts west of Illinois Route 251 (23 miles)**
 - ▶ Shoulder reconstruction
 - ▶ Mainline reconstruction under all bridges
 - ▶ Mainline stage construction between bridges (two-inch surface removal, six-inch WMA overlay)

- ▶ **Projects will require**
 - ▶ 45,000 tons of asphalt for new mainline under bridges
 - ▶ 142,000 tons for new shoulders
 - ▶ 189,000 tons for mainline – stage construction completion of pavements originally rubblized in 2005

Coarse Aggregates Used for SMA

- ▶ Friction aggregates are typically non-Illinois sources
- ▶ Crushed gravel for non-urban tangent sections are sourced from southern Wisconsin
- ▶ I-88 work provided an opportunity to evaluate local crushed gravel sources for use in SMA surface



Evaluating Local Aggregates

- ▶ **Small research project evaluated coarse aggregates for SMA**
- ▶ **Protocol was developed for accepting local crushed gravel sources**
- ▶ **Several sources have been tested for use on I-88**

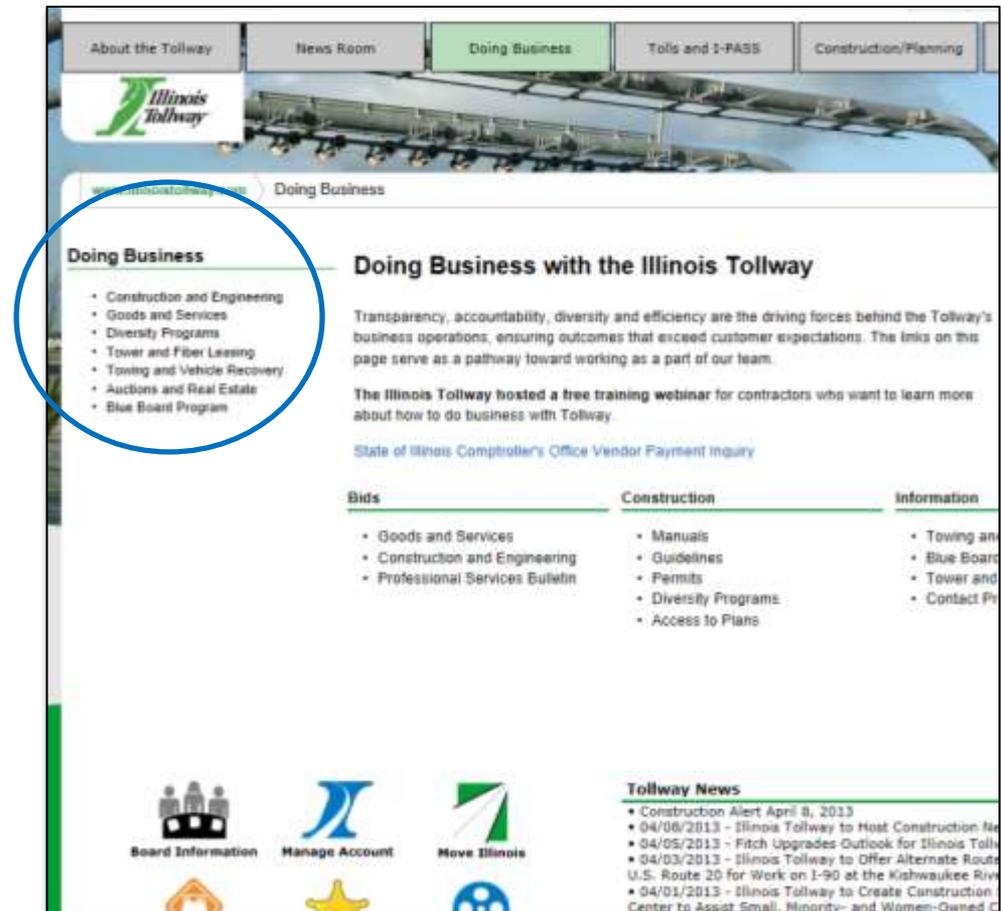


Micro-Deval tester used to evaluate coarse aggregates

Getting Information

How do you find out about construction contracts?

- ▶ **www.illinoistollway.com**
 - ▶ View bid-letting schedule (updated weekly)
 - ▶ Visit the Online Plan Room
 - ▶ Confirm documentation
 - ▶ Prequalification forms
 - ▶ Certifications
- ▶ **Central Management Services resources**
 - ▶ Notices of bid opportunities
 - ▶ www.purchase.state.il.us





THANK YOU
