

Illinois Bituminous Paving Conference

*February 3, 2015
Kay Batey*

Topics of Interest

- ▶ Legislation/Funding Status
- ▶ Every Day Counts 3
- ▶ E-Plus W-Beam Guardrail Terminals
- ▶ National Highway System Status

Where are we today?

Current Bill

- MAP-21 effective October 1, 2012
- \$105B bill
- 2-years
- Expired September 30, 2014
- Extended to May 31, 2015

- Gas Tax – 18.4 cents/gallon (last increase in 1993)
- Highway Trust Fund – another infusion by Congress

Funding News???

AAHSTO News

HIGHWAY TRUST FUND

[Boehner Calls Highway Funding 'Critically Important,' Eyes Tax Reform for Revenue](#)

House Speaker John Boehner said he considers finding revenue for a long-term highway bill critically important, and said lawmakers are looking into raising the money for it through tax changes and other unspecified options. Boehner, R-Ohio, made the comments in a segment of CBS' 60 ...

FEDERAL FUNDING GAP

[CBO Estimates Highway Trust Fund Shortfall of \\$168 Billion Through 2025](#)

The Congressional Budget Office estimated Jan. 26 that the Highway Trust Fund faces a 10-year shortfall of \$168 billion, as projected outlays under road and transit programs outpace its dedicated revenue stream. In the CBO's year-by-year projection, incoming revenue and interest earnings for the ...

FUNDING PLAN

[Minnesota Gov. Dayton Proposes \\$11 Billion in New Highway, Transit Investments](#)



Unveiling a 10-year plan to increase spending on roads, bridges, transit systems and alternative transportation, Minnesota Gov. Mark Dayton proposed raising nearly \$11 billion through a combination of fuel taxes, fee increases, bonds and a targeted-area sales tax hike. ...

Funding???

AASHTO News

FUNDING OPTIONS

Falling Pump Prices Challenge Iowa Leaders Considering Percentage Tax on Fuel Sales

Iowa Gov. Terry Branstad was fresh off a November re-election victory when he urged legislative leaders to negotiate on new transportation funding. One of the options under consideration would build a hybrid fuel taxing system of lower per-gallon charges plus a percentage tax that would ...

INFRASTRUCTURE NEEDS

Idaho Officials Warn Highway Funds Not Keeping Up With Projected Repair Needs

The Idaho Transportation Board and Idaho Transportation Director Brian Ness are telling state lawmakers and the public that money is not available to expand highways or bridges, and state funding soon will not keep pace with projected repair needs to keep infrastructure in good shape. ...

FEDERAL INVESTMENTS

Sanders, Mikulski Propose \$1 Trillion in More Infrastructure Spending Over 5 Years



Two U.S. senators who fill the top minority positions on the Budget and Appropriations committees – Bernie Sanders, I-Vt., and Barbara Mikulski, D-Md. – have introduced legislation that would put \$1 trillion into transportation and other infrastructure spending. Senators Sanders and Mikulski ...

Next Steps

- ▶ Multi-year authorization – Bill to Congress
- ▶ 4-year proposal under review
- ▶ Continues majority of MAP-21 provisions and builds on current programs

FUNDING?

- ▶ Tax reform
- ▶ Corporate tax reform
- ▶ Gas tax increase
- ▶ Lots of ongoing discussions

Passenger Car Taxes Paid/Year (Average)

- ▶ Passenger Car tax rates:
 - ▶ State $\$0.19/\text{gal} / 19 \text{ mpg} = \0.01 per mile
 - ▶ Federal $\$0.184/\text{gal} = \0.01 per mile
 - ▶ 15,000 mile/year means
 - \$150 per year State tax
 - \$150 per year Federal tax
 - Cell Phone and Internet service
\$150/month or \$1800/year

Every Day Counts (EDC 3)

- ▶ 3-D Modelling – more effectively connects design and construction
- ▶ Data-Driven Safety Analysis – combines predictive approaches and systemic approaches into management processes and project development decision making
- ▶ e-Construction – electronic project document management systems
- ▶ E-NEPA and IQED (Implementing quality environmental documents) – an online workspace and collaboration forum for major projects, maintain records and creates administrative record
- ▶ Smarter Work Zones – smarter planning and smart traffic control using various technologies
- ▶ Ultra-High Performance Concrete Connections (tie with Pre-Case initiative) – steel fiber reinforced cementitious composite to promote ease and speed of construction and improved long-term performance

EDC – cont'd

- ▶ Form deployment teams – 3 underway already
- ▶ Identify co-chairs – IDOT and FHWA
- ▶ Full teams to be developed for each initiative
- ▶ Implementation plan completed:
 - Identifies goals for next 2 years for each initiative
 - Peer to peer meetings, training needs, software
 - Technical assistance
 - Demonstration projects

Guardrail Update

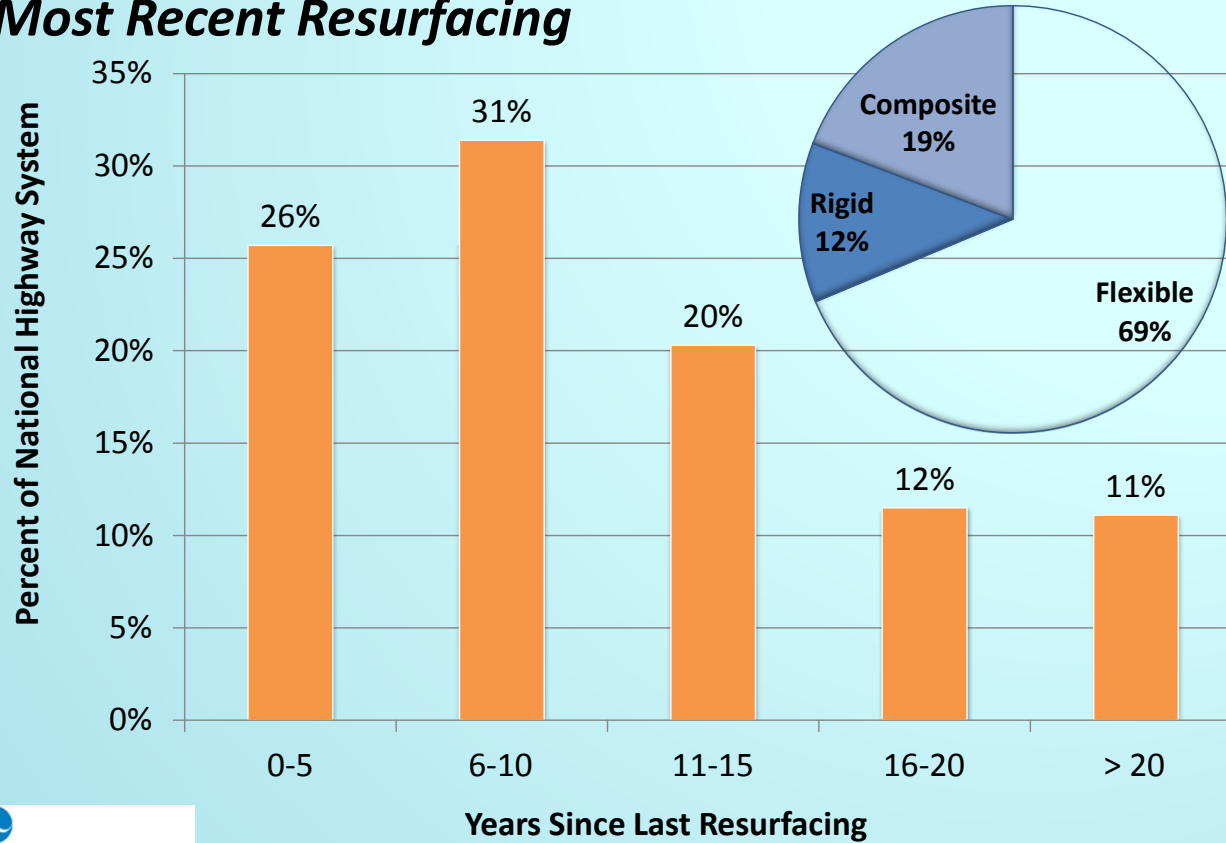
- ▶ FHWA required testing plan submitted by Trinity
- ▶ Many States have suspended the use of the ET-Plus until results of the crash tests
- ▶ Crash tests performed using several criteria under NCHRP 350
- ▶ States invited to observe
- ▶ 8th and final test – January 27 at a San Antonio facility
- ▶ Data to be compiled and report issued – soon

National Highway System

- ▶ Expanded by MAP-21 Interstate System and Other Principle Arterials and includes Intermodal Connectors
- Facts
 - ▶ 223,000 miles
 - ▶ 771,000 lane-miles
 - ▶ 88% State owned miles
 - ▶ 143, 165 bridges
 - ▶ 94% State owned bridges
 - ▶ 5.4% US mileage
 - ▶ 58.0% total travel

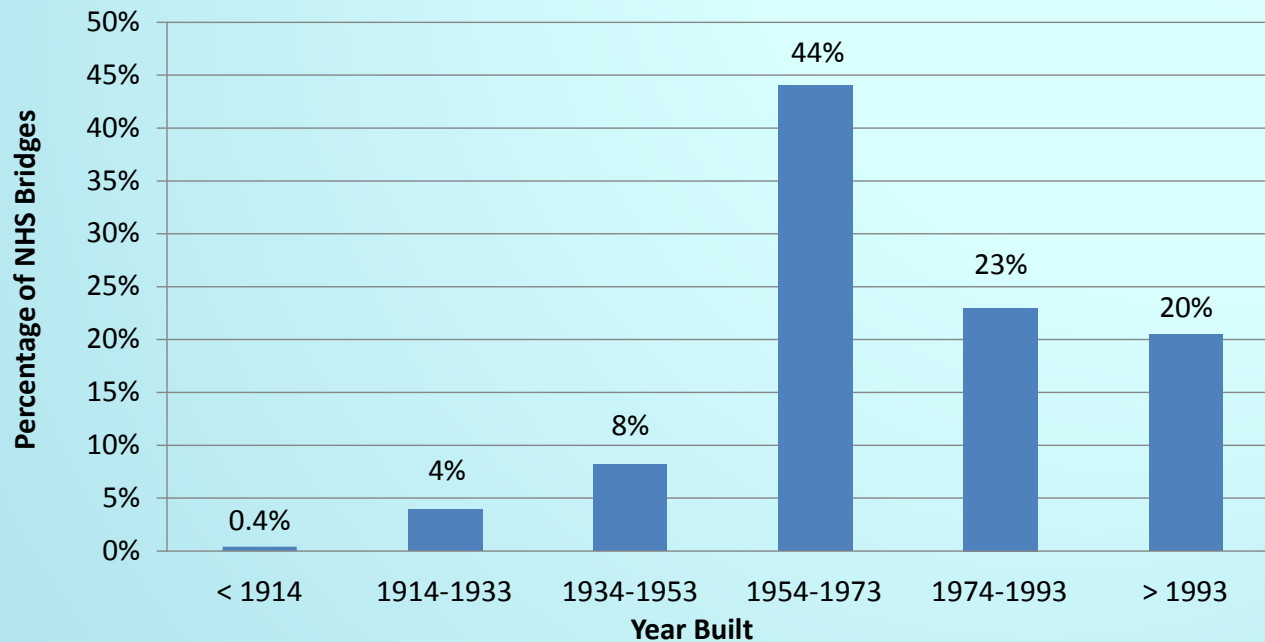
Transportation Performance Management

Most Recent Resurfacing



Age of Bridges on NHS

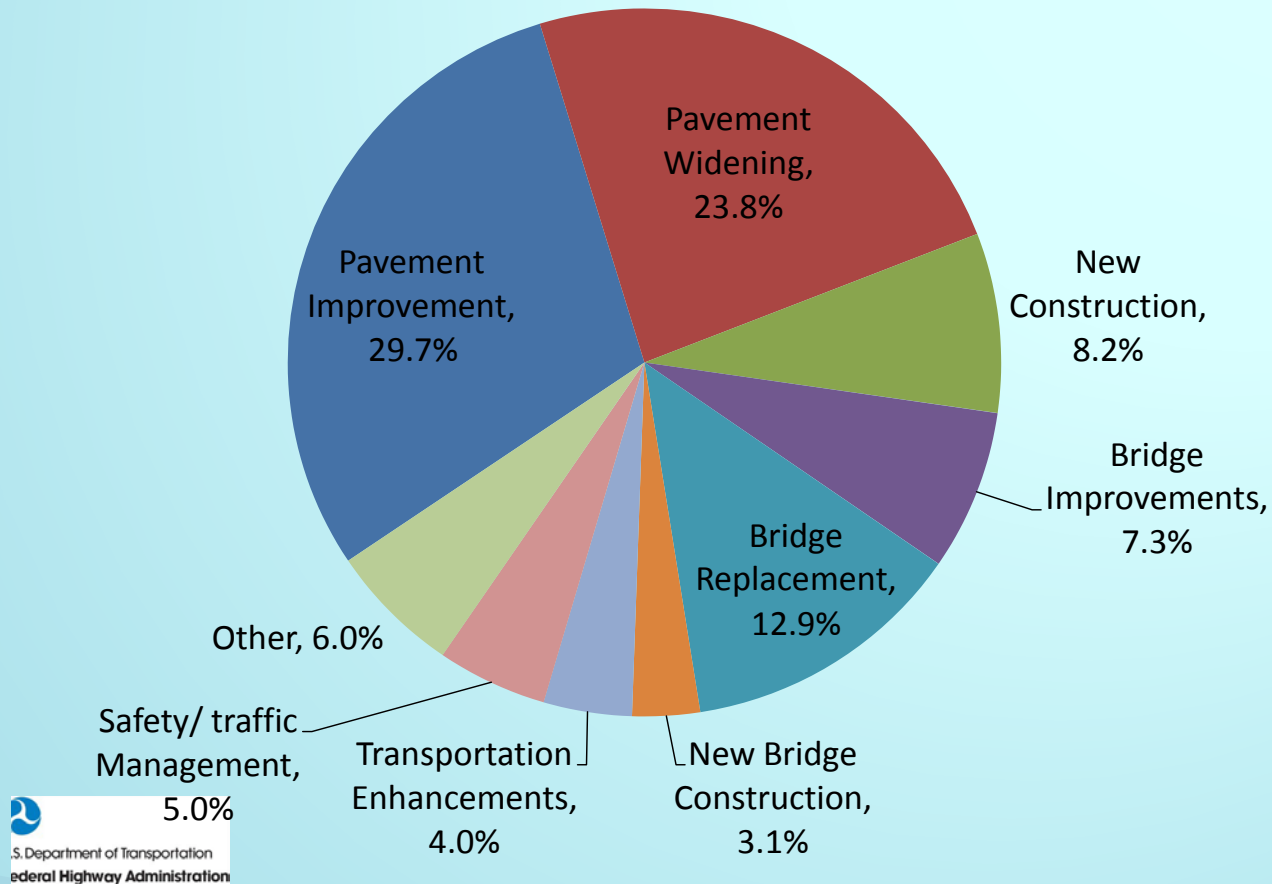
Age of Bridges on the NHS



Source: FHWA National Bridge Inventory

Improvements with Federal Funding

2014 NHS Improvement Types by Federal Funding



NHS Bridge and Pavements

Pavements:

- 69% flexible
- 12% rigid
- 19% composite
- 54.5% of federal funds – improvement and widening of pavement

Bridges:

- Average age 41 years
- 20% of federal funds for bridges

Illinois – Things I have learned:

- 6th largest federal-aid program
- 5th largest population (2013)
- 1/3 of the nation's rail and cargo moves to, from and through the Chicago region
- 2nd largest public transit system
- 3rd largest National Highway System (NHS)
- Interstate/NHS miles: 2,182/7,882
- Number of bridges: 3rd highest (26,514)

Illinois - Things I have learned:

- Number of Traffic Fatalities to date (2014): 923 (2013: 991)
- Illinois seatbelt usage is 93.7% (1987 was 15.9%)
- What I think of Illinois so far:
 - ✓ Cold
 - ✓ Nice people
 - ✓ Great DOT
 - ✓ High taxes
 - ✓ No chick-fil-a
 - ✓ Stimulating politics and interest groups
 - ✓ ???

*“Coming together is an accomplishment, staying together is progress, working together is a success.”
Henry Ford*

Thank You!

Kay Batey
Division Administrator
Illinois Division
Catherine.batey@dot.gov
217-492-4730