



# North Dakota Asphalt Conference

April 1, 2013

## FHWA Update

Wendall L. Meyer

Division Administrator

FHWA North Dakota Division



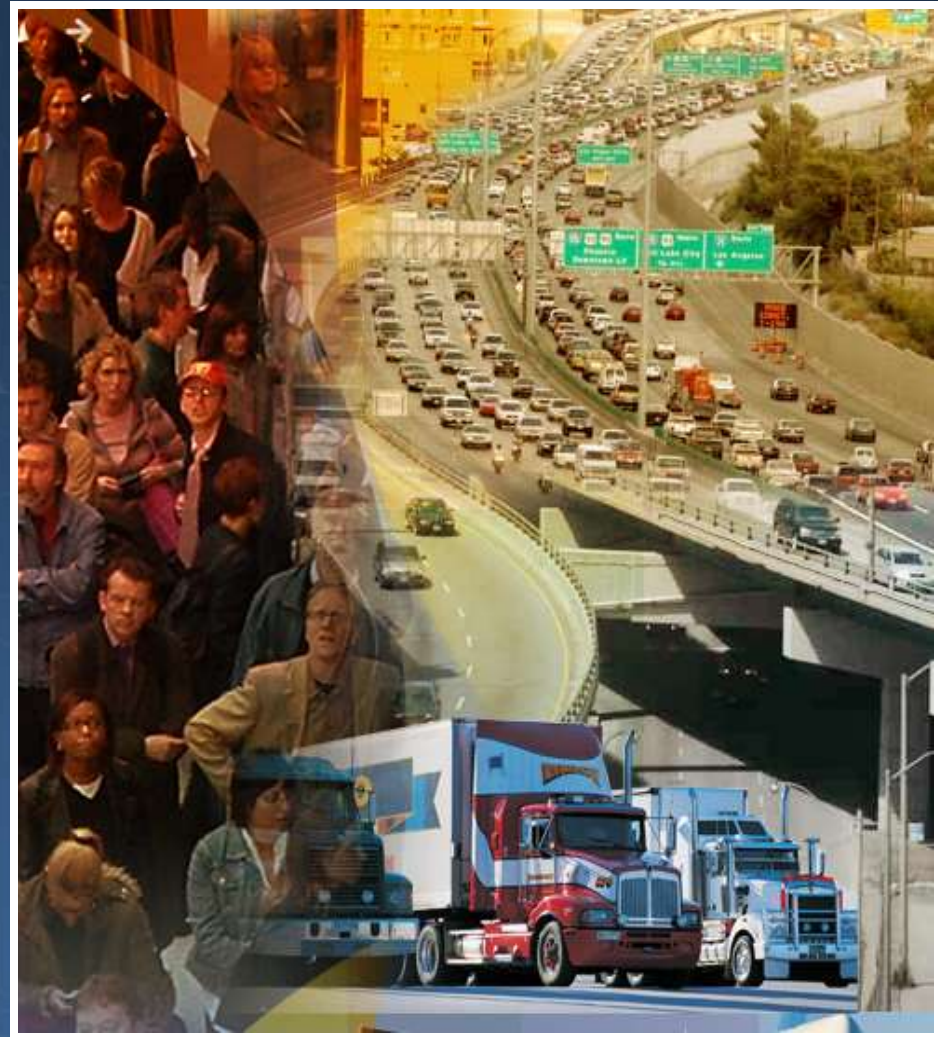
# Discussion Areas

- FHWA Briefly
- Federal Funding
- FHWA Role and Focus
  - Oversight Snipit
  - Transportation Performance Management
  - Every Day Counts



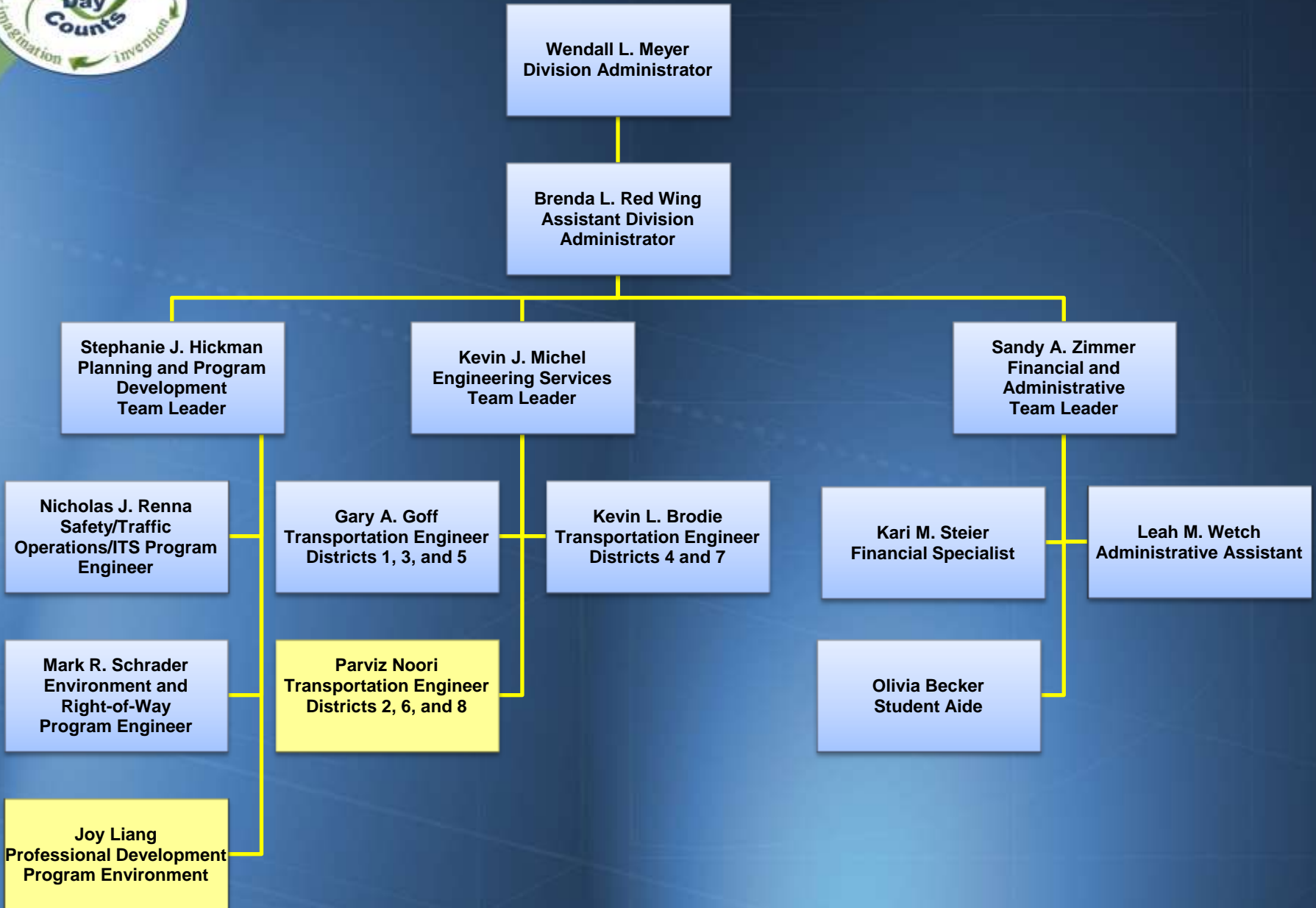
# FHWA Briefly: Who are we?

- **Money:** About \$40B Federal Highway Funds
- **Legislated Mission:** “...provide for a strong and vigorous national economy...” 23 USC 101(b) *(and associated regulations)*
- **What we aspire to:** Improve Mobility on our Nation’s Highways Through National Leadership, Innovation, and Program Delivery.
- **What the public expects:** Safety and fiscal integrity, emergency response...





# North Dakota Division





# Federal Funding

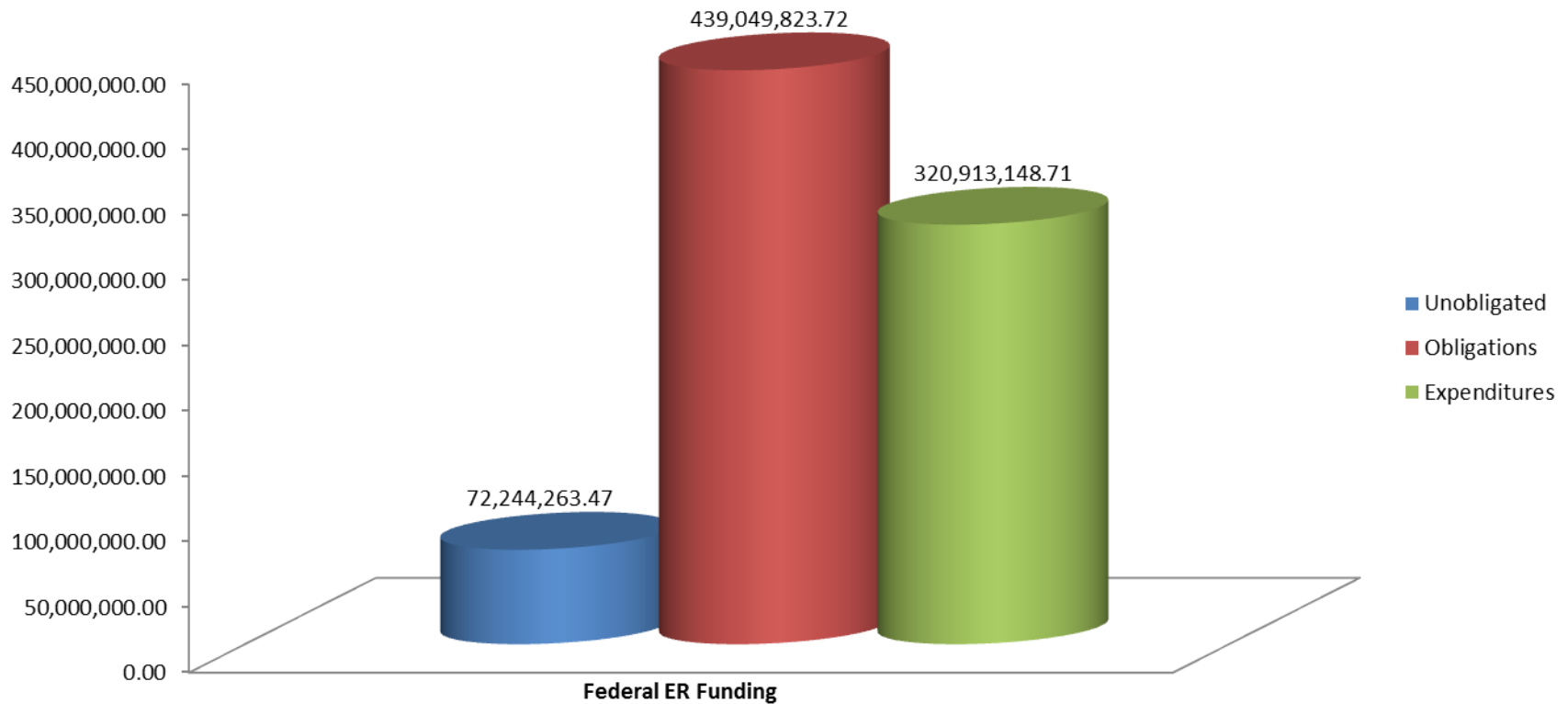
- Transportation Reauthorization
  - MAP-21 (FY2013 and FY2014)
- FY2013 Appropriations Act
  - Continuing Resolution - **March 27, 2013**
  - North Dakota's Apportionment \$239,893,997 **[FY2013]**
  - North Dakota's Obligation Limitation is \$108,783,843 **[49%]**





# Emergency Relief

## 2009 - 2011 Emergency Relief Events

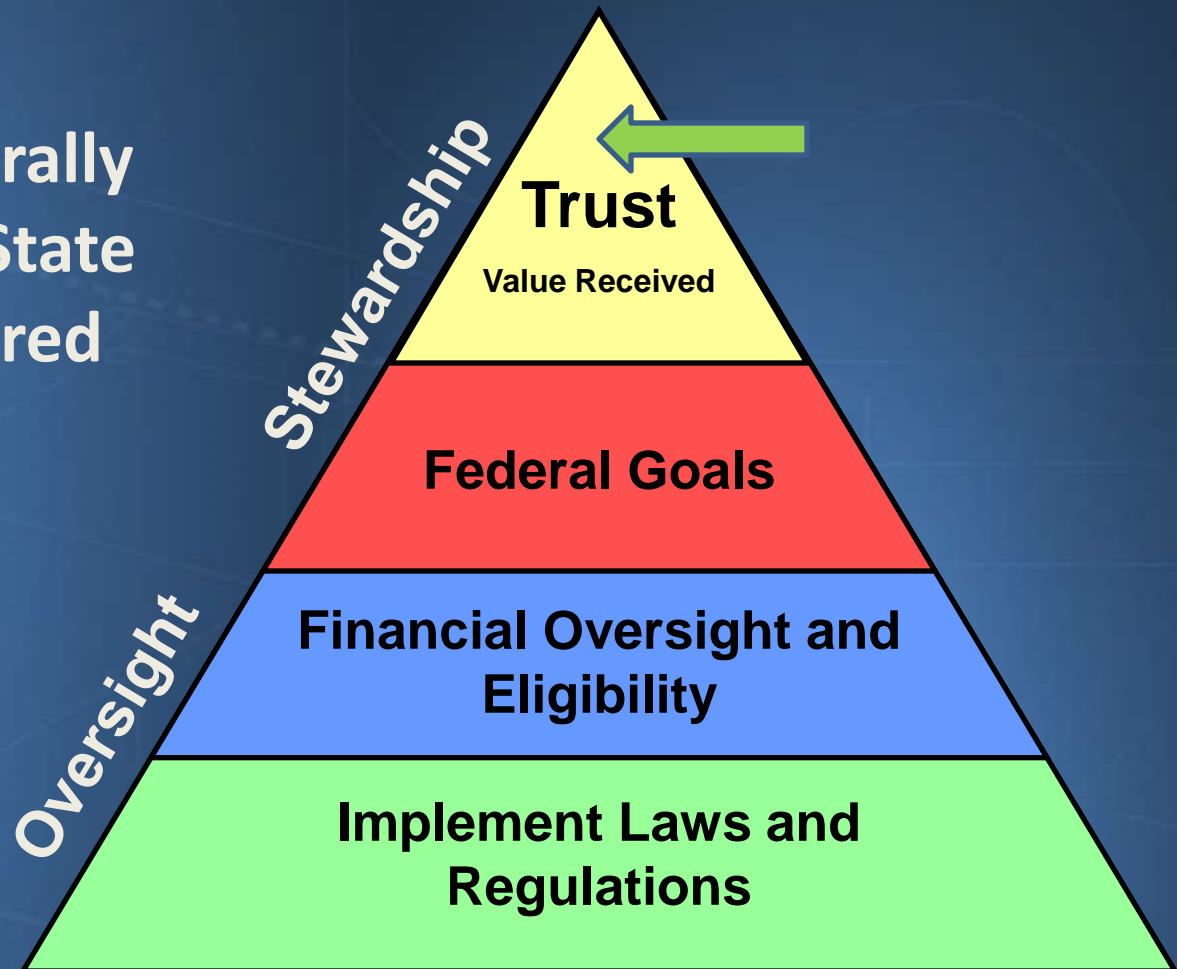




# FHWA Role: Today

A Partner...

In “A Federally Assisted, State Administered Program”





# FHWA Focus: Oversight Snipit

- Do these things to avoid pitfalls on Federal-aid contracts:
  - Keep your haul tickets (approved contractor daily haul summary is a source document)
  - Request and retain material certifications
  - Request and retain Buy America certifications
  - Meet DBE project goals
  - Document field books
  - Other contract requirements (FHWA-1273)





# FHWA Focus: Transportation Performance Management

<http://www.fhwa.dot.gov/tpm/>



# Performance Elements

- National Goals
- Performance Measures
- Performance Targets
- Performance Plans
- Target Achievement
- Special Performance Rules
- Performance Reporting



# Timeframe

## Staged Rule Schedule

Measures / Fiscal Year		Safety Measures	Pavement & Bridge Measures	CMAQ, Performance, and Freight Measures
FY / QUARTER		Status I	Status II	Status III
FY13 (Year 1 of MAP-21)	Q1	Consultation/ NPRM	Consultation/ NPRM	Consultation/ NPRM
	Q2			
	Q3			
	Q4			
FY14 (Year 2 of MAP-21)	Q1	Comments	Comments	Comments
	Q2	Final Rule		
	Q3		Final Rule	
	Q4			
FY15	Q1		Final Rule	Final Rule
	Q2			

Single Effective Date:  
Spring 2015





# FHWA Focus: Every Day Counts (EDC)

- Shortening Project Delivery
- Accelerating Technology and Innovation Deployment

<http://www.fhwa.dot.gov/everydaycounts/>



# EDC Implementation Teams North Dakota

- Planning and Environmental Linkages
- In-Lieu Fee and Mitigation Banking
- Flexibility in Utility Relocation and Accommodation
- Warm Mix Asphalt





# Warm Mix Asphalt

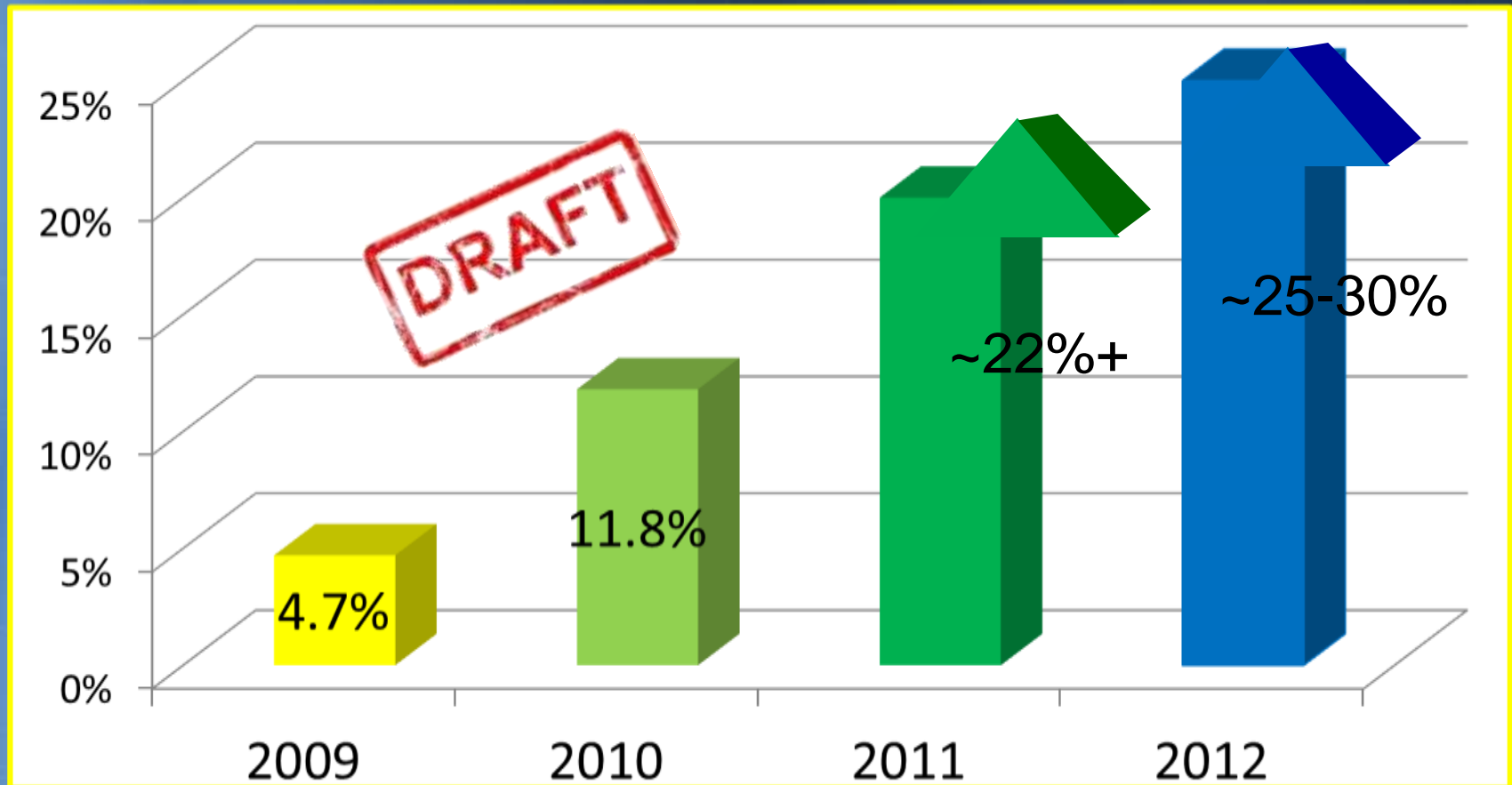




# Warm Mix Asphalt Usage

*Percent of Total Asphalt Production in US*

*source: National Asphalt Pavement Association*





# Impact of Warm Mix Asphalt

In 2012...

- Savings of over 75 million gallons of fuel during production.
- Reduction of CO<sub>2</sub> emissions by 2,000,000 tons.  
(the equivalent to taking 375,000 vehicles off the road)





# Impact of Warm Mix Asphalt

If ALL asphalt paving was Warm Mix Asphalt...

- Savings of over 300 million gallons of fuel during production.
- Reduction of CO<sub>2</sub> emissions by 8,000,000 tons.  
(the equivalent to taking 1,500,000 vehicles off the road)



# EDC Phase II

- 3-D Engineered Models for Construction



Photos courtesy of David White,  
Iowa State University



# Thank You!

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*Buckle Up, Every Trip, Every Time*