

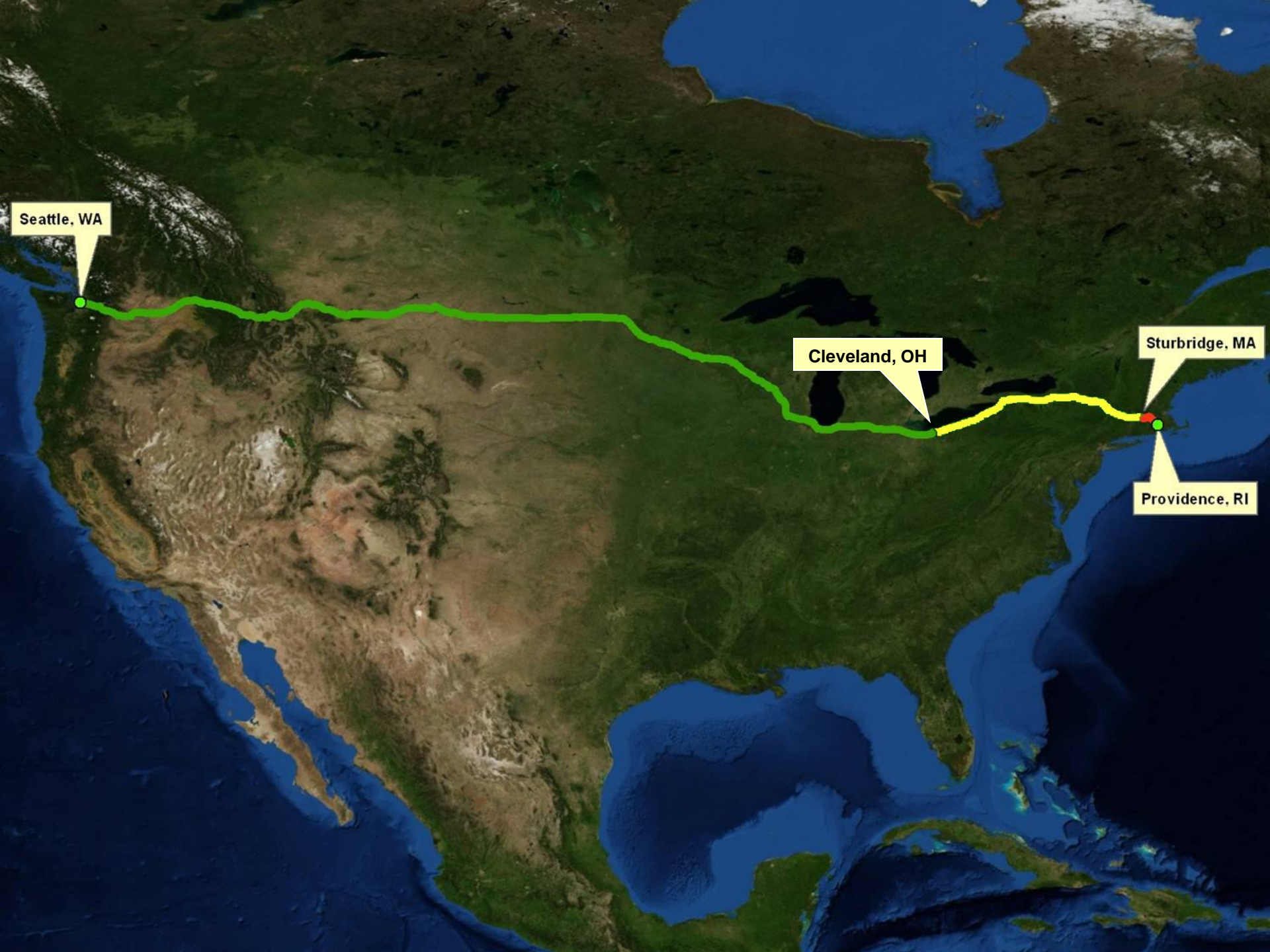
# National Pavement Preservation Conference

August 27, 2012  
Nashville, Tennessee

## Preservation in the 21<sup>st</sup> Century



Michael P. Lewis, Director  
Rhode Island Department of Transportation  
401-222-2481  
[mlewis@dot.ri.gov](mailto:mlewis@dot.ri.gov)



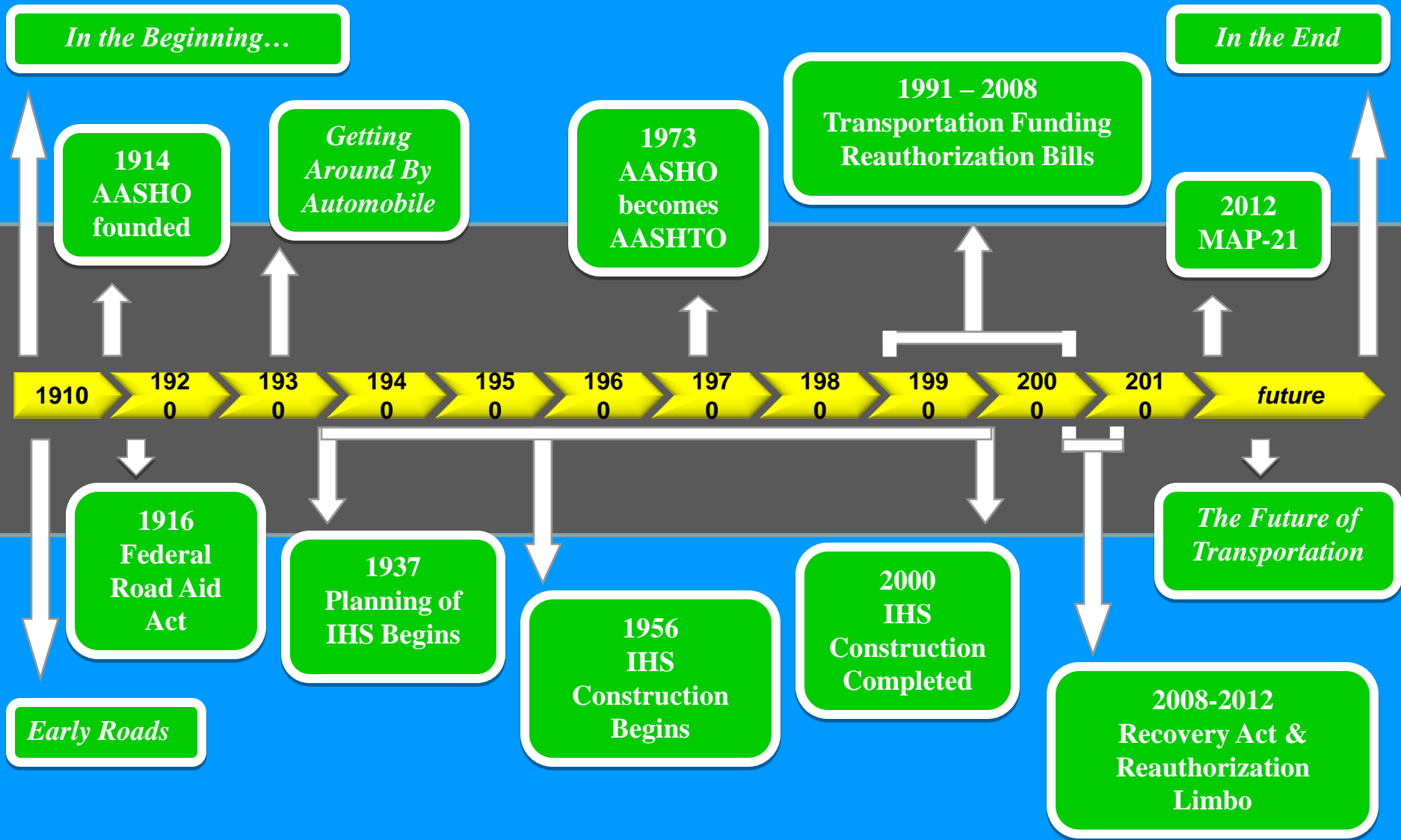
Seattle, WA

Cleveland, OH

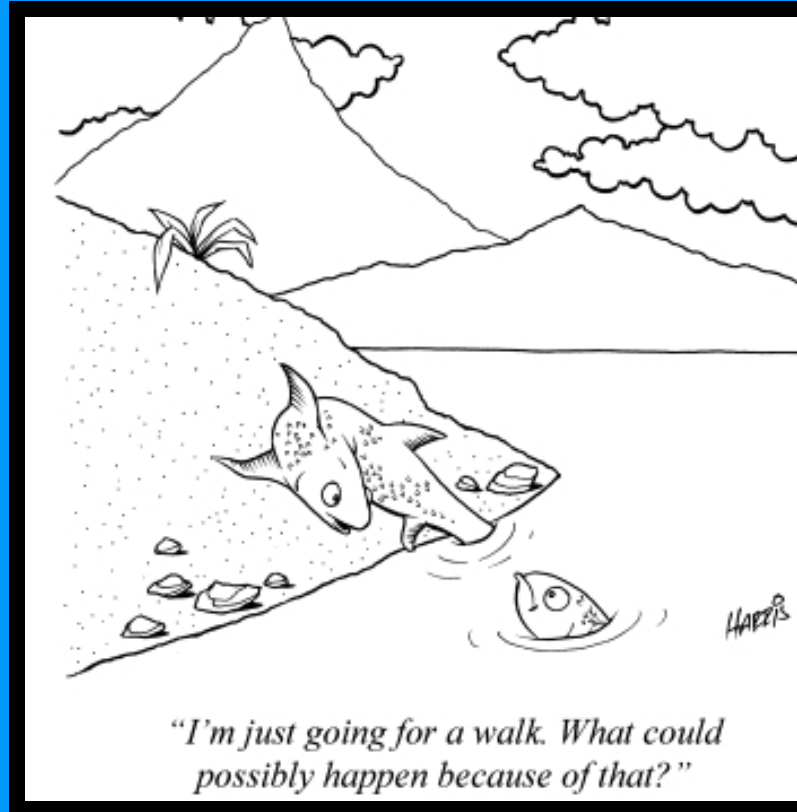
Sturbridge, MA

Providence, RI

# A Road to the Future: One Hundred Years of a Driven Culture



# In the Beginning...



Timeline



# Early Roads Often Left Something to Be Desired



Timeline

# December 12, 1914 American Association of State Highway Officials Established



Timeline

# July 11, 1916

## Federal Aid Road Act was Signed Into Law by President Woodrow Wilson





# Getting Around By Car Wasn't Always Easy

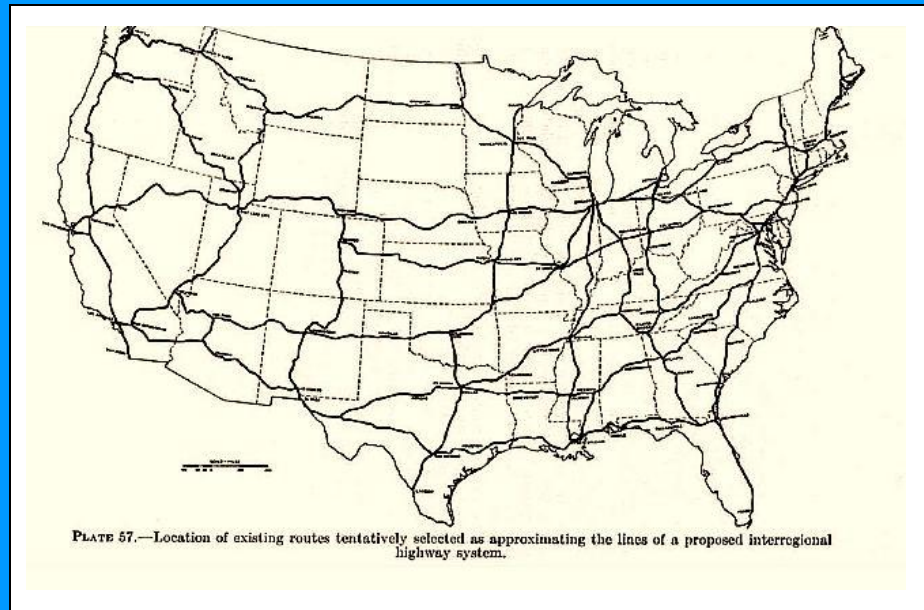


Timeline



1937

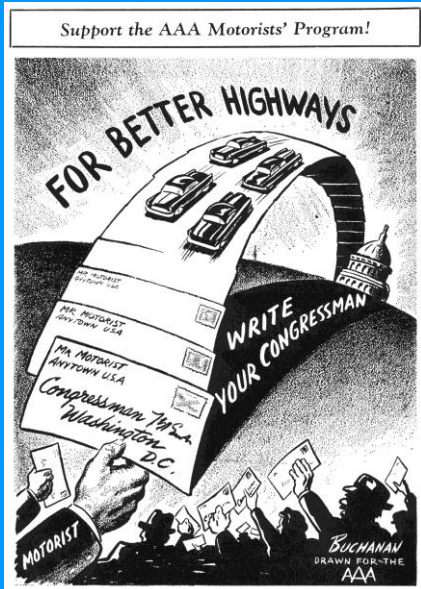
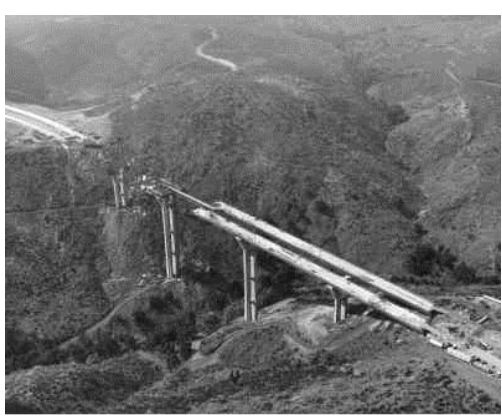
# President Franklin Delano Roosevelt Begins to Plan a Federal Highway System



Timeline

# 1956

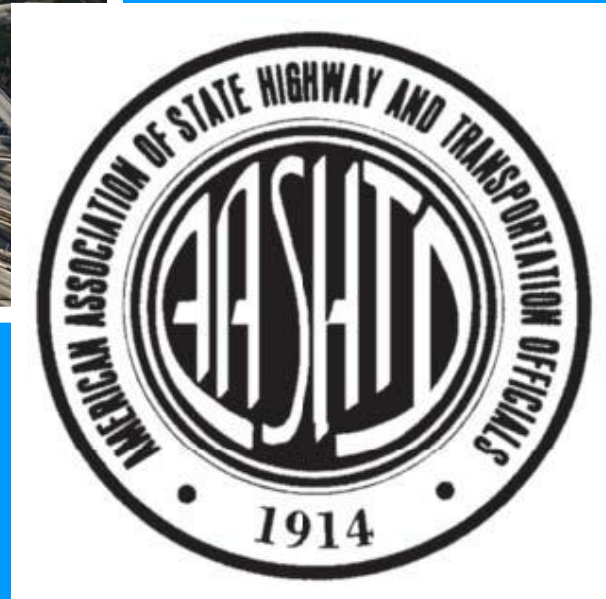
## Construction of the Federal Interstate System Begins



Timeline

1973

# AASHO Becomes AASHTO

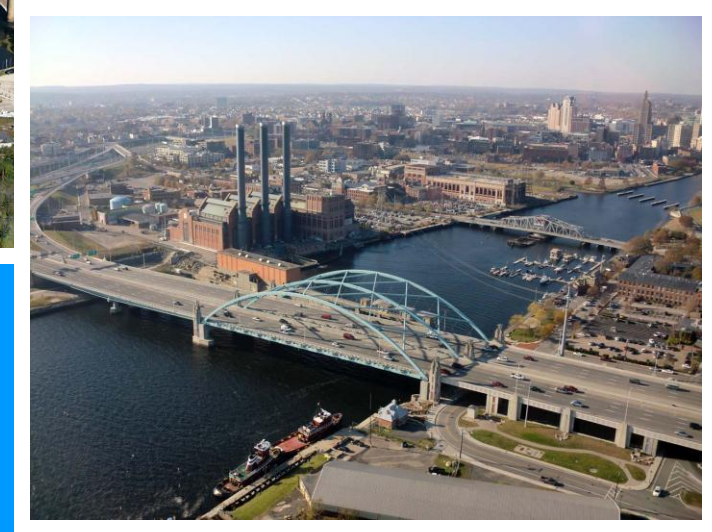
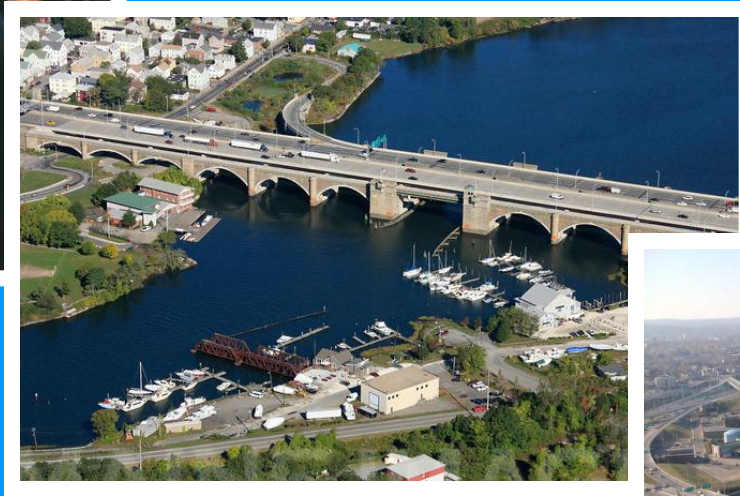


Timeline



# 1991-2008

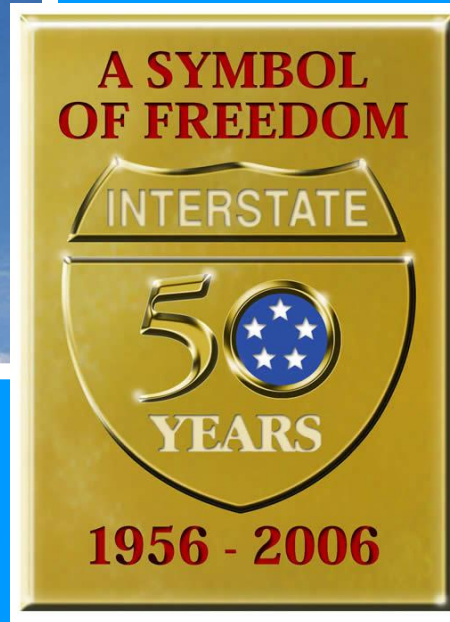
## ISTEA, TEA-21, SAFETEA-LU



Timeline

2000

# Last of the Interstate Highway System Substantially Complete

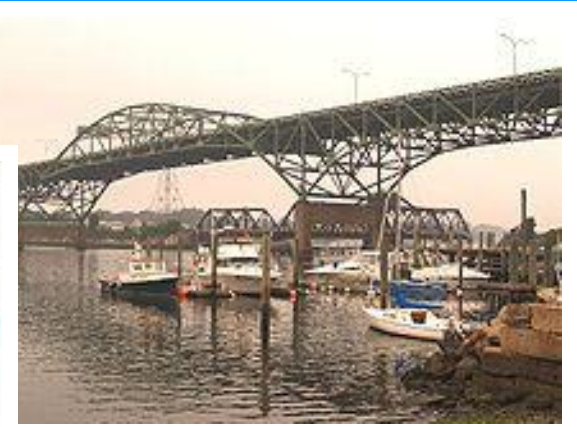
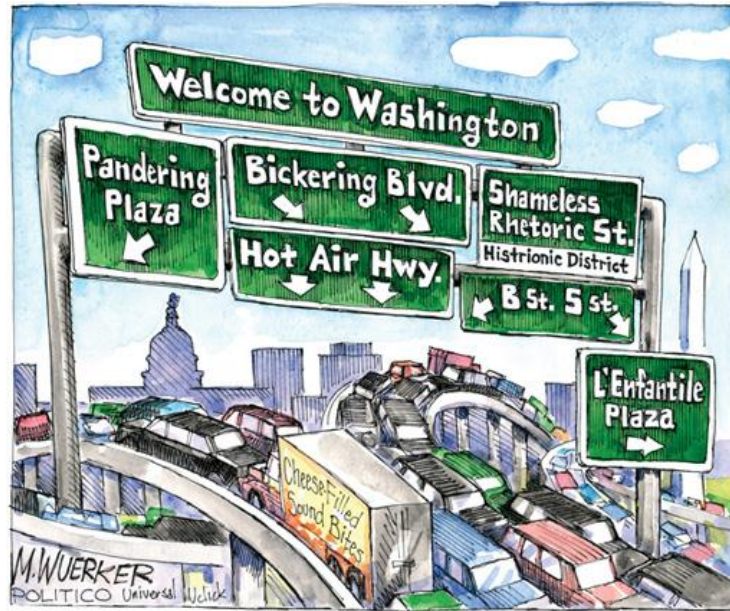


Timeline



# 2008 - 2012

## Recovery Act and Reauthorization Limbo



Timeline



# 2012 MAP-21

## Restructuring of Core Highway Programs Under the Senate's MAP-21 Transportation Reauthorization Proposal



### Current Formula Programs

- Interstate Maintenance
- National Highway System
- Highway Bridge Program

15% For Off-System Bridges

- Equity Bonus
- Appalachian Highway Development System
- Border Infrastructure Program
- Railway Highway Crossings
- Surface Transportation Program (STP)
- Transportation Enhancements (10% of STP)

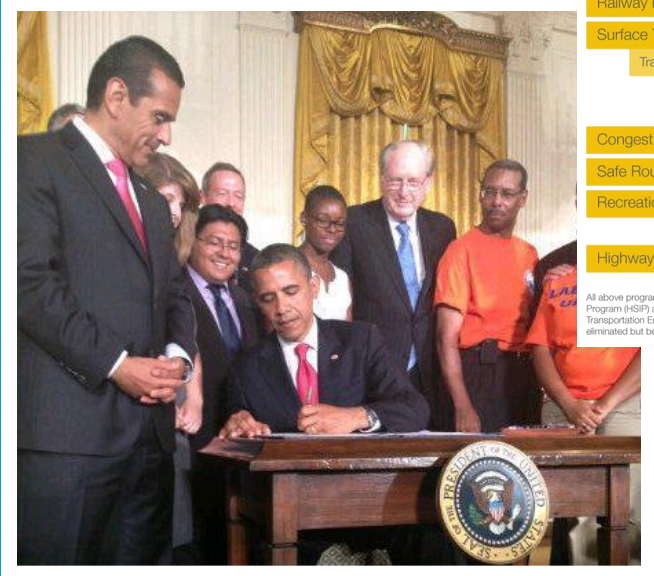
- Congestion Mitigation and Air Quality
- Safe Routes to Schools
- Recreational Trails

- Highway Safety Improvement Program

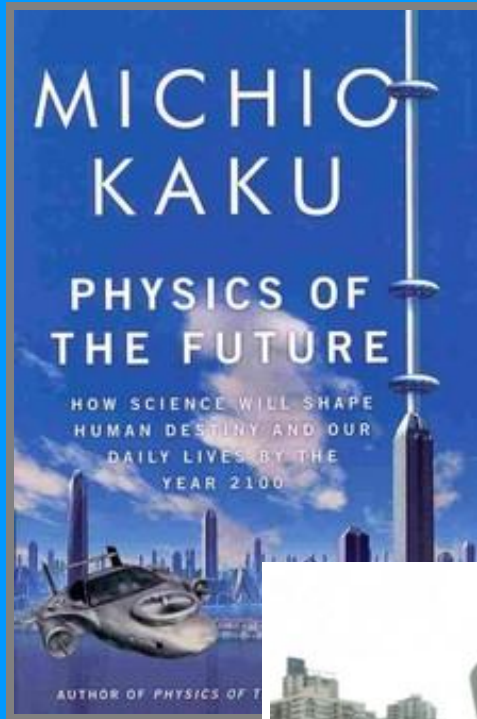
### MAP-21 Core Program Structure

- NATIONAL HIGHWAY PERFORMANCE PROGRAM (NHPP - New)**  
~\$20.6 billion
- TRANSPORTATION MOBILITY PROGRAM (TMP - New)**  
~\$10.4 billion
- NATIONAL FREIGHT NETWORK PROGRAM (New)**  
~\$2 billion
- CONGESTION MITIGATION AND AIR QUALITY (CMAQ)**  
~\$3.3 billion
- HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP)**  
~\$2.5 billion

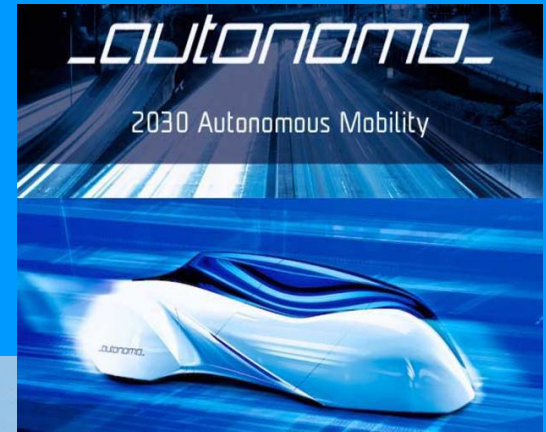
All above programs are eliminated except Highway Safety Improvement Program (HSIP) and Congestion Mitigation and Air Quality (CMAQ). Transportation Enhancements, Safe Routes to School and Rec. Trails are eliminated but become eligible uses in a new reserve fund within CMAQ.



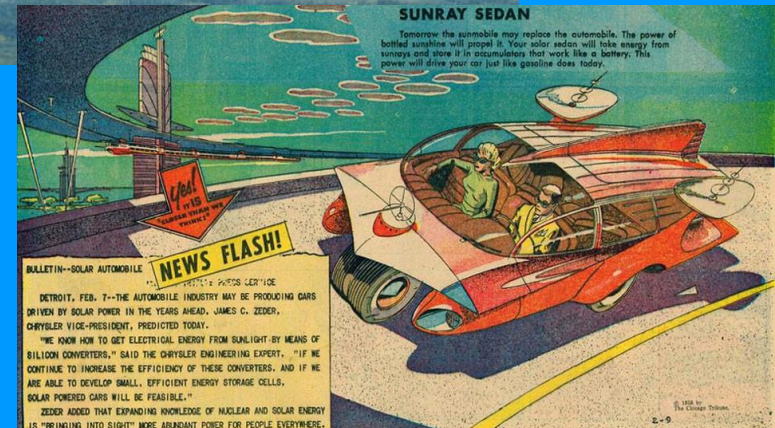
# The Future of Transportation



"In the future, you'll simply jump into your car, turn on the Internet, turn on a movie and sit back and relax and turn on the automatic pilot, and the car will drive itself."  
– Dr. Michio Kaku



**EN-V (by GM) Drives Itself, Parks,  
And Comes When Called**



## In the End

“There is no work more worthwhile. I have yet to know any man who has devoted a considerable period of his life to the building of roads who is not conscious of having accomplished results whose returns to the public service can scarcely be measured.” ~ *Thomas H. MacDonald*

*from The Big Roads by Earl Swift*