



**How to Reduce Transportation
Energy and Carbon
Contributions Just a Little While
Trying Very Very Hard**



BIPARTISAN POLICY CENTER

*Developing and promoting solutions
that can attract the public support
and political momentum
to achieve real progress.*

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BPC Advisory Board: Senators George Mitchell, Howard Baker, Tom Daschle, and Bob Dole

National Transportation Policy Project (NTPP)



Dennis Archer
Former Mayor of
Detroit



Martin Sabo
Former
Congressman from
Minnesota



Sherwood Boehlert
Former
Congressman from
New York



Slade Gorton
Former Senator from
Washington

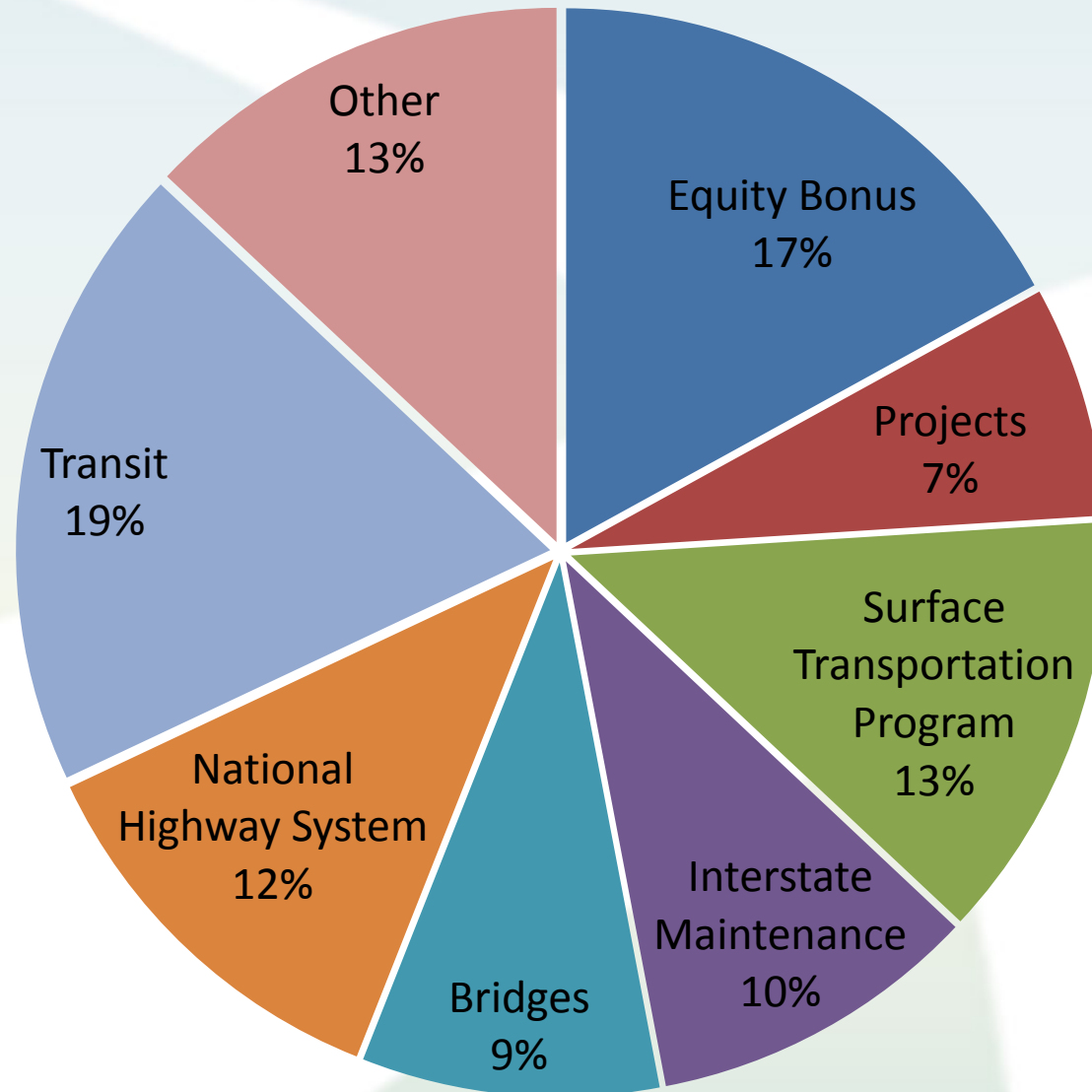
Presentation Outline

- Existing Federal Transportation Policy
 - Dramatic reform is needed
- The Role of Public Transit
 - What public transit can realistically accomplish
- The NTPP Approach
 - Our vision for the future of transportation policy



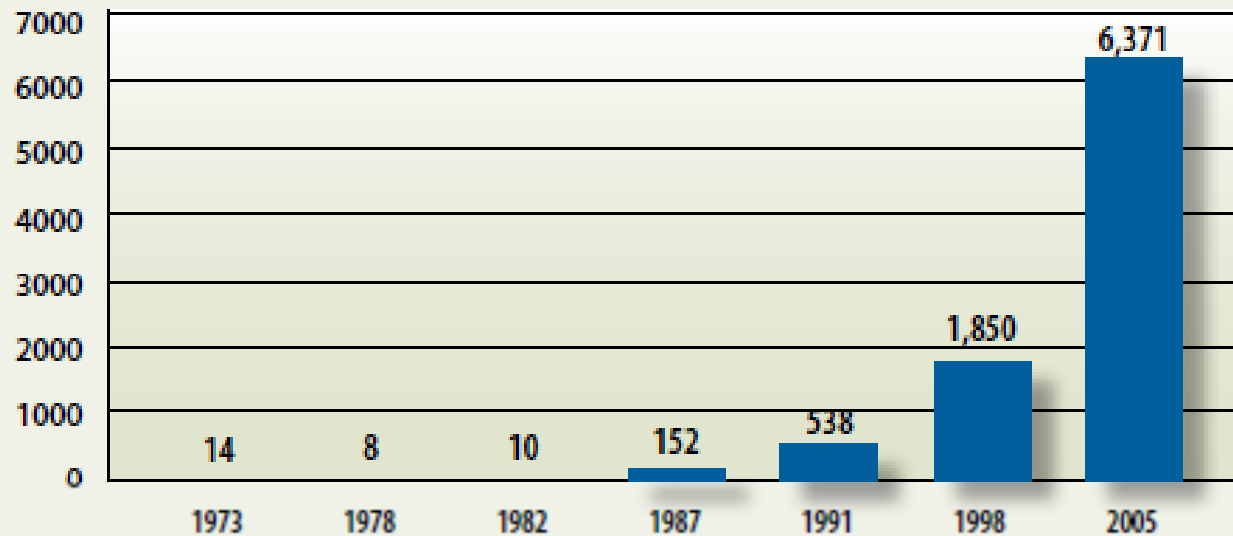
Existing Federal Transportation Policy

Spending Under Current Program

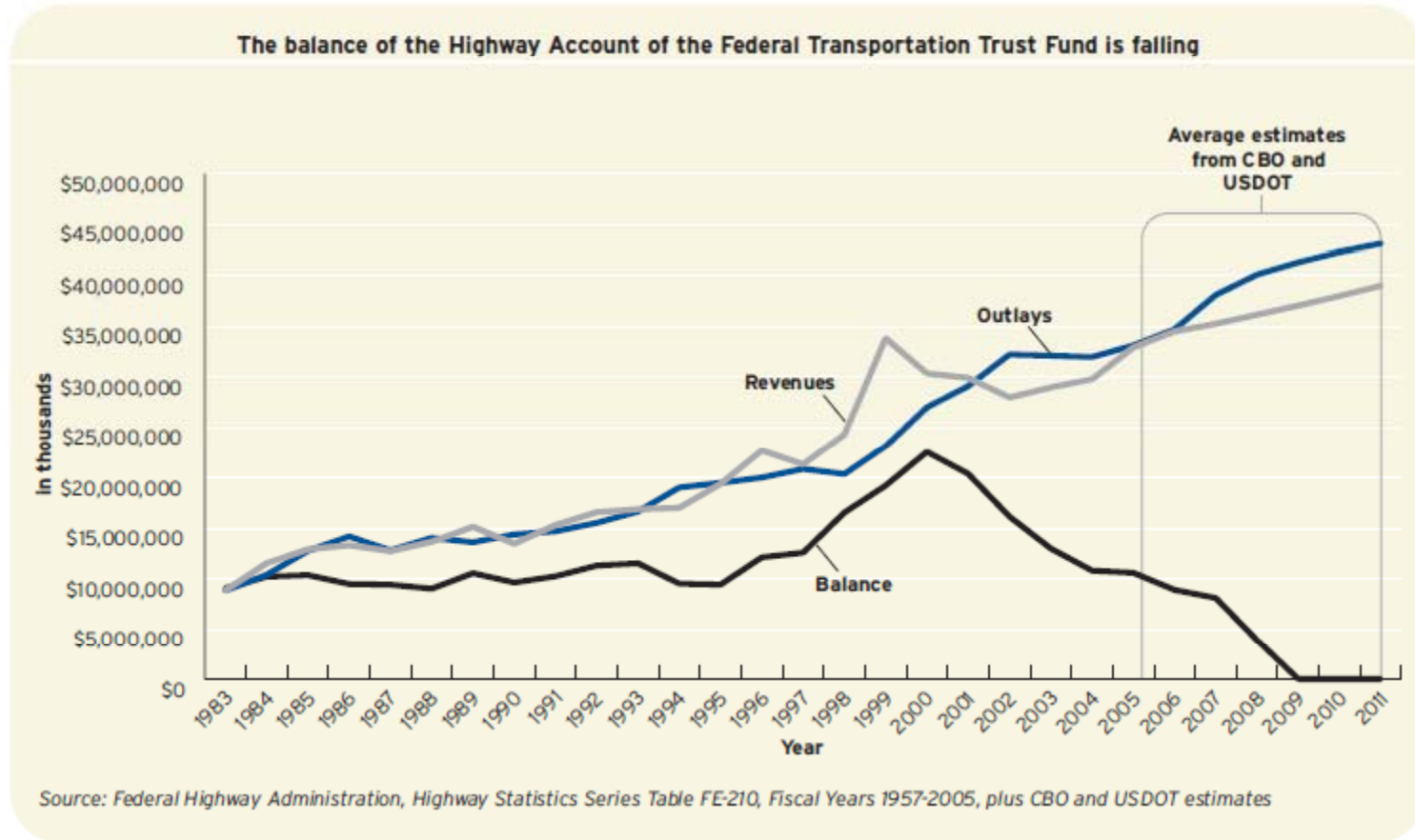


Growth in “Pork”

Figure 3: High-Priority Projects in Transportation Reauthorization Bills, 1973-Present



Funding and User Fees



Courtesy of Brookings Institution

Current Federal Funding Structure

Formula Programs
80% of All Funds

Discretionary Programs
20% of All Funds

108 Total Programs

CORE HIGHWAY PROGRAMS

- Surface Transportation Program
- Interstate Maintenance
- National Highway System
- Bridge Rehabilitation
- Congestion Mitigation and Air Quality
- Highway Safety Improvement Program
- Equity Bonus

SAMPLE PROGRAMS

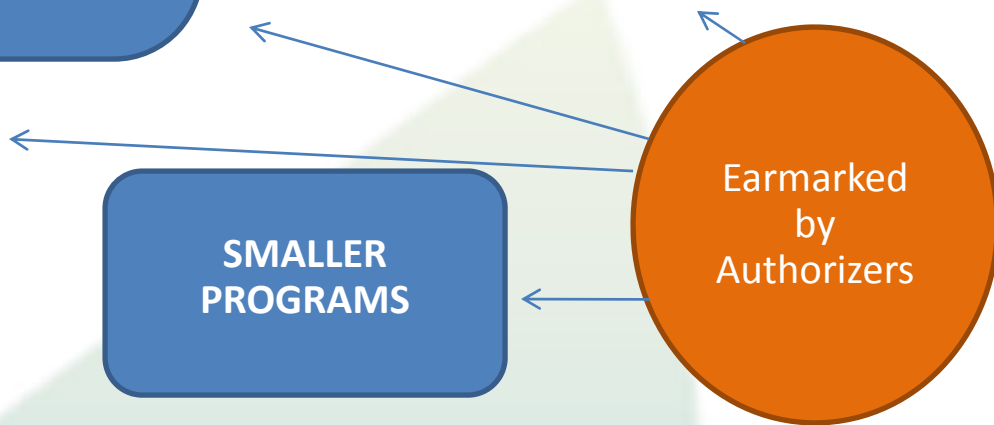
- High Priority Projects
- Transportation Improvements
- Projects of National and Regional Significance
- New Starts/Small Starts
- Clean Fuels Grant Program
- Research

CORE TRANSIT PROGRAMS

- Urbanized Area Formula
- Fixed Guideway Modernization
- Bus Grants

SMALLER PROGRAMS

**Earmarked
by
Authorizers**





The role of public transit



the ONION

Report: 98 Percent Of U.S. Commuters Favor Public Transportation For Others

Basic Transit Data

- Nationally, 5% of workers commute by transit
- Less than 0.5% total growth in share since 2004
- About 40% of this is in New York (next most is Los Angeles with 7%)
- 53% of transit trips and 39% of transit passenger miles are by bus
- 1.8 billion gallons of gasoline and 16.2 MMT of Carbon are saved

Public Transit GHG Reductions by 2050

Expanded Current Practice

- Increase service to get 3% annual ridership growth
- Net cost: \$119.5 billion
- Net reduction: 281 MMT

Maximum Effort

- Increase service to get 4.67% annual ridership growth
- Net cost: \$585.7 billion
- Net reduction: 575 MMT

Bundled Transit and Maximum Parallel Strategies

Aggressive Deployment

- Net cost: -\$2,235 billion
- Net reduction: 7.6 billion MMT

Maximum Deployment

- Net cost: -\$5,105 billion
- Net reduction: 10.8 billion MMT



The NTPP Approach

Proposed Federal Goals

- Economic Growth
- National Connectivity
- Metropolitan Accessibility
- Energy Security and Environmental Protection
- Safety

Proposed National Performance Measures

Economic Growth

- Metropolitan Accessibility***
- Access to jobs and labor
 - Access to non-work activities

- National Connectivity***
- Network utility
 - Corridor congestion

Energy & Environmental Protection

- Petroleum consumption

- CO₂ emissions

Safety

- Fatalities and injuries per capita

- Fatalities and injuries per Vehicle Miles Traveled (VMT)

Proposed New Federal Funding Structure

Formula Preservation Programs
75% of All Funds

Competitive Capacity Expansion Programs
25% of All Funds

Sustaining National Connectivity (35%)
Preserving national connections

Sustaining Core Assets (30%)
Preserving metropolitan infrastructure

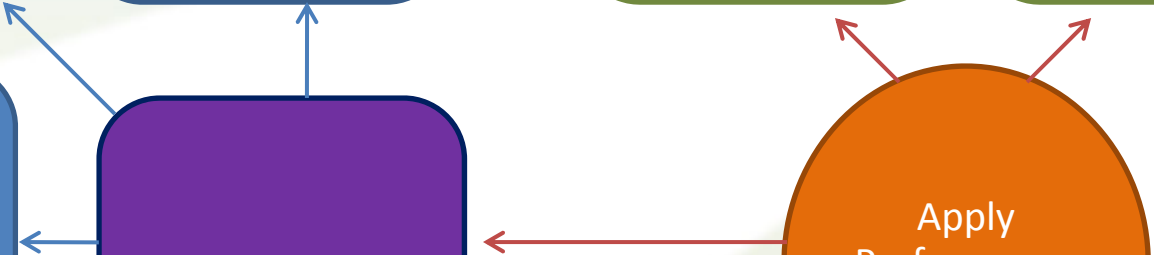
Improving Federal Connections (12.5%)
Expansion of national network

Improving Core Transportation (12.5%)
Expansion of metropolitan capacity

Essential Access Program (2%)
Maintaining access for all Americans

Performance Bonus (8%)

Apply Performance Measures



Upcoming Work

- Continue to push for performance transition
- Transportation and jobs
- Wise investments with constrained resources
- Addressing the funding issue

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