

Allen D. Biehler, P.E.

***Secretary of Transportation
Commonwealth of Pennsylvania***

Secretary Allen D. Biehler leads the Department of Transportation (PENNDOT), an organization of roughly 12,000 people with an annual budget in excess of \$5 billion. PENNDOT owns and operates the nation's fifth largest state-owned highway system and administers one of the nation's largest grant programs for mass transit, rail freight, and aviation.

Under Secretary Biehler's leadership, PennDOT is improving project delivery processes and ensuring that projects are appropriate for the surrounding community and fit known resources. PennDOT is also in the midst of improving maintenance operations with an eye to taking advantage of technology to deliver appropriate levels of service at the lowest cost. In addition, PennDOT is working with metropolitan and rural planning organizations to refocus available resources to system preservation.

At Governor Rendell's direction, Secretary Biehler headed the nine-member, bipartisan Transportation Funding and Reform Commission that spent nearly two years studying the spectrum of transportation funding and needs issues and delivered a comprehensive roadmap for solutions to the problems.

A Professional Engineer, Mr. Biehler is a graduate of the University of Pittsburgh with a degree in civil engineering, and holds a master's equivalent certificate in transportation from Yale University. His career covers more than 35 years in transportation engineering, planning, construction administration, and public transportation management. Mr. Biehler has served on committees of the American Association of State Highway and Transportation Officials, the Transportation Research Board, the American Public Transportation Association, and the University of Pittsburgh. He has written articles for national transportation professional journals and received a Distinguished Alumnus Award from the University of Pittsburgh in 1997.

Attacking Pennsylvania's Bridge Problem

Allen D. Brehler, PE
Secretary, PennDOT

July 29, 2003
House Transportation Committee

Transportation Program Reassessment March 2004

26 Projects = \$5 Billion

 / Defer
Re-evaluate

Investing in Our Future:

Addressing Pennsylvania's Transportation Funding Crisis

COMMISSION FINAL REPORT

Pennsylvania Transportation Funding and Reform Commission

November 2006

Dellville Road Bridge Perry County

August 2005

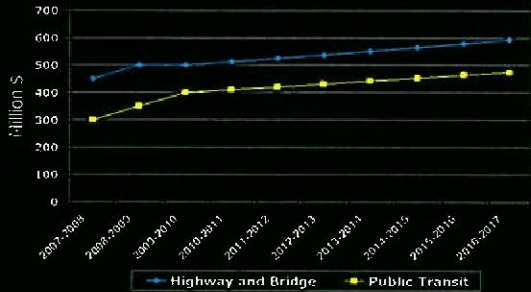
Lakeview Bridge over I-70 Washington County

Dec. 2005

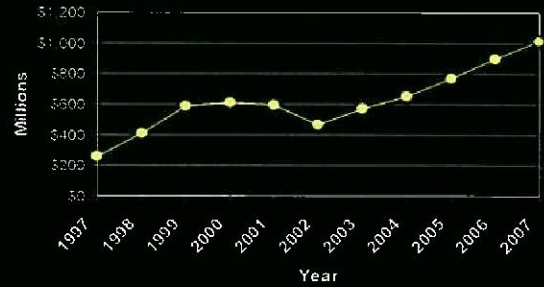
The Transportation Crisis

Bridges	Roads	Transit
<ul style="list-style-type: none"> 5,000 structurally deficient bridges Highest number of any state Average age 50 years 	<ul style="list-style-type: none"> 8,836 miles in poor condition Backlog of safety & congestion needs 36% construction cost increase last 2 years 	<ul style="list-style-type: none"> Looming 25% service cuts over 3 years 100 million fewer rides Loss of access to jobs, medical services, and schools
Need: \$230 million	Need: \$735 million	Need: \$760 million
Total: \$1.725 billion		

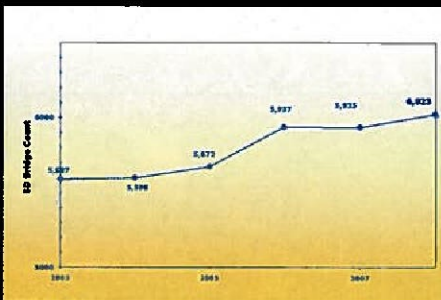
Act 44 of 2007 Funding



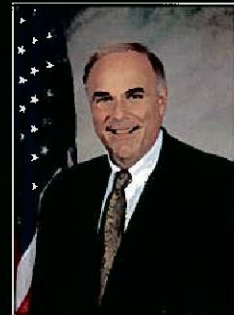
Bridge Funding



Structurally Deficient Bridges



Rebuild PA



Proposed a **10-year, \$200 million/year** bond initiative to attack backlog of structurally deficient bridges.

Birmingham Bridge
Tipped over Rocker Bearings at Pier 10S
Allegheny County

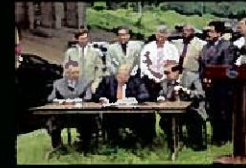
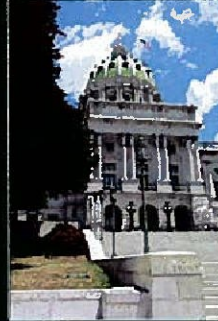


I-95 Cracked Pier
Philadelphia County

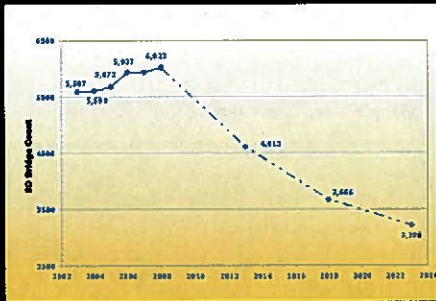


FY 2008-09 Budget

\$350 million one-year program funding to repair 411 structurally deficient bridges.



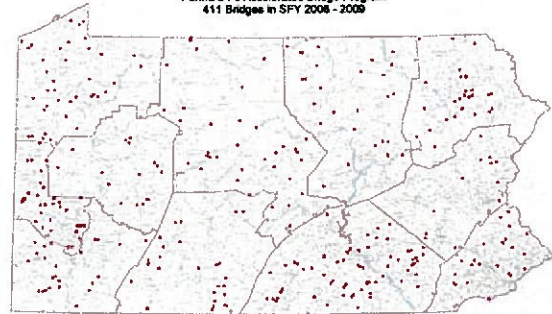
Decrease in Structurally Deficient Bridges



Rebuild PA



PennDOT's Accelerated Bridge Program
411 Bridges in SFY 2008 - 2009

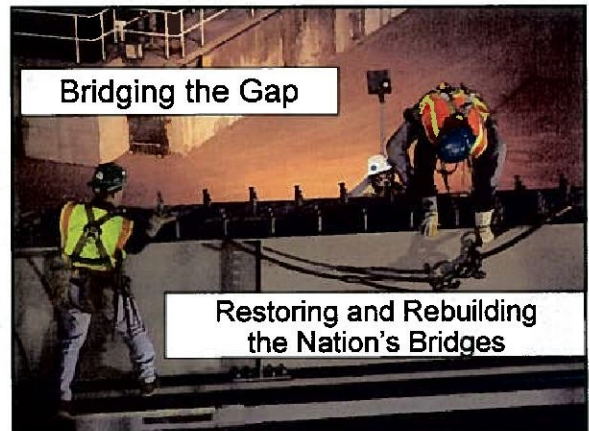


Bridges – A National Focus

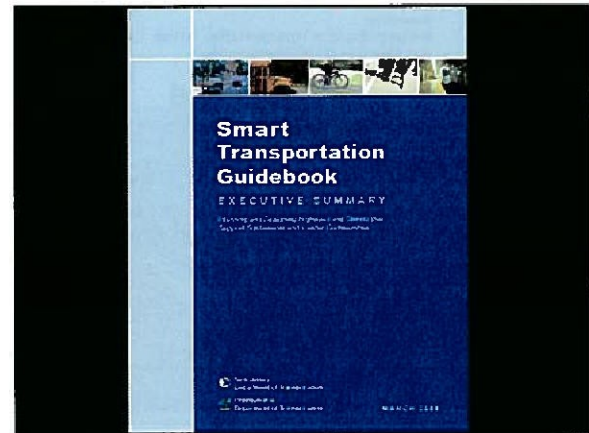
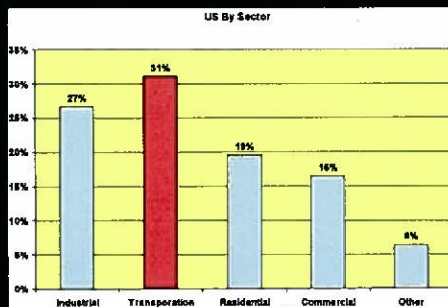


Bridging the Gap

Restoring and Rebuilding
the Nation's Bridges

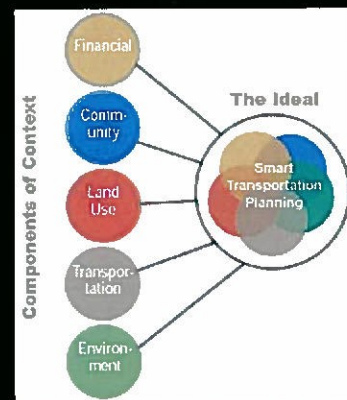


The Source of CO₂ Emissions from Fossil Fuel Use

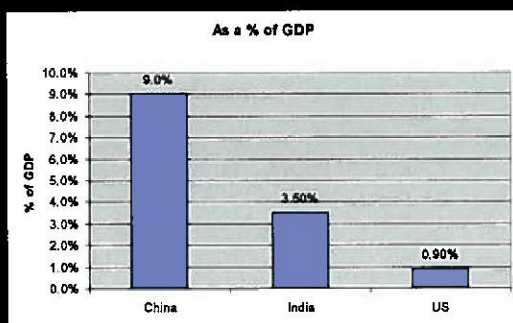


Smart Transportation Principles

- Tailor solutions to the context
- Tailor the approach
- Plan all projects in collaboration with the community
- Plan for alternative transportation modes
- Use sound professional judgment
- Scale the solution to the size of the problem



Infrastructure Investment



Source: IUI Infrastructure 2007

NATIONAL SURFACE TRANSPORTATION POLICY AND LEGAL STUDY COMMISSION

1. Rebuilding America
2. Global Competitiveness
3. Metropolitan Mobility
4. Connecting America
5. Intercity Passenger Rail
6. Highway Safety
7. Environmental Stewardship
8. Energy Security
9. Federal Lands
10. Research & Development

Report of the
**National Surface Transportation Policy
and Revenue Study Commission**
Transportation for Tomorrow
December 1987

