



U.S. Highway System Overview

- Current System
- Future – Issues
- Future Interstate System
- Key Solutions

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For ICAF Meeting
March 10, 2006



U.S. Highway Miles

	<u>Miles</u>	<u>% of Miles</u>	<u>% of Travel</u>
Interstate	46,837	1.2	24
(rural)	(31,477)		
(urban)	(15,300)		
Other NHS	115,319	2.9	21
(total NHS)	(162,156)	(9.1)	(45)
Other Federal Aid	809,044	20.2	
Non-Federal Aid	3,026,261	75.7	
Total	3,997,461	100.00	



Strategic Highway Network --2004

	Miles
Interstate	46,837
Other Rural	11,730
Other Urban	3,690
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	62,257



U.S. Highway Ownership

- States 19%
- Counties 45%
- Federal 3%
- Other 33%



Highway Revenue 2004 by Type

	Billions	Percentage
Fuel & Vehicle Taxes	\$76.4	53%
Tolls	\$6.6	4%
General Funds	\$23.6	16%
Property Taxes & Other	\$15.4	11%
Investment Income	\$7.5	5%
Bond Proceeds	\$15.8	11%
Total	<hr/> \$145.3	<hr/> 100%



Highway Revenue 2004 by Governmental Sources

	Billions	Percentage
Federal	\$31	22%
State	\$73	50%
Local	\$41	28%
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Total	\$145	100%

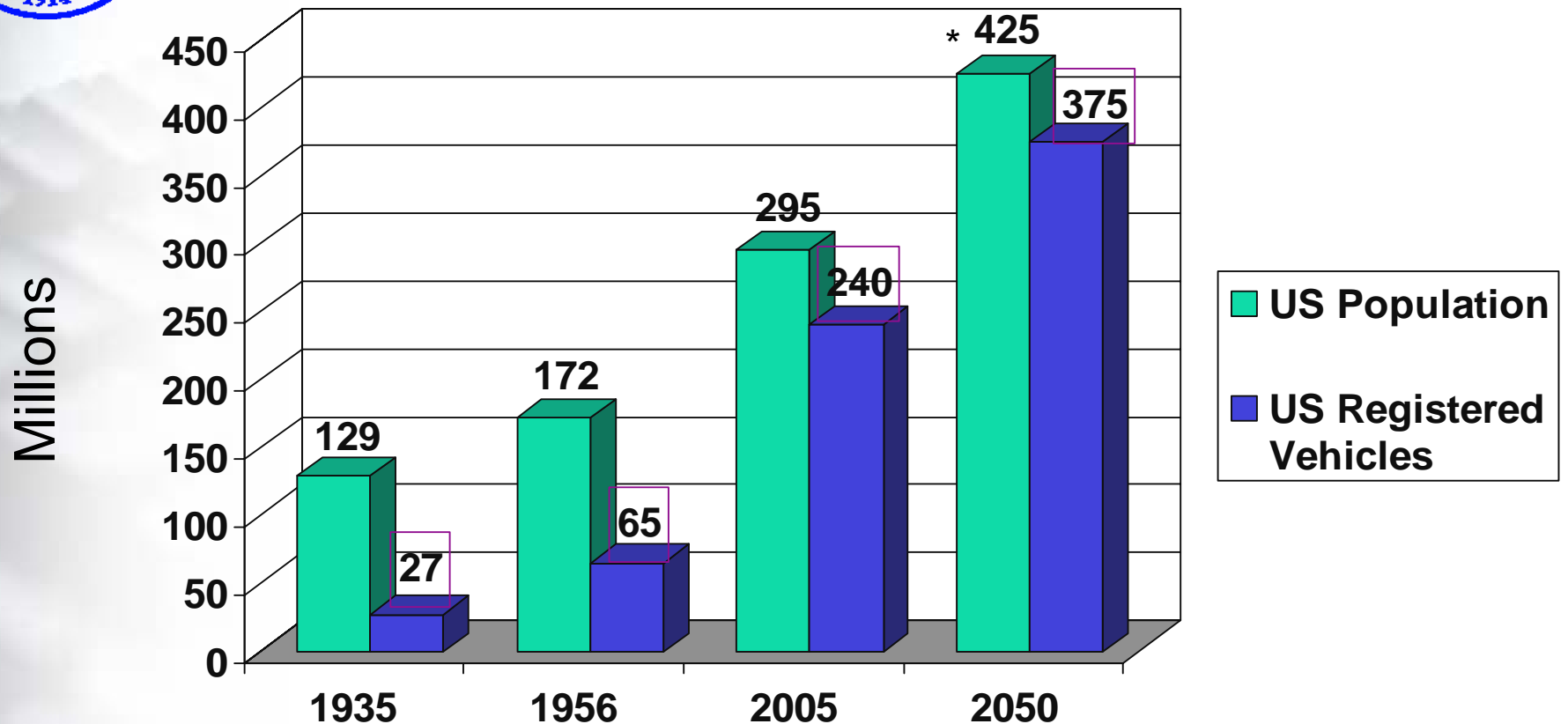


Highway Disbursement --2004

	Billions	Percentage
Capital	\$70.3	48%
Maintenance & Traffic Services	\$36.3	25%
Admin. Research & Develop.	\$12.7	8%
Highway Law Enforcement and Safety	\$14.3	10%
Interest on Debt	\$5.8	4%
Bond Retirements	\$8.0	5%
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Total	\$147.5	100%



US Population and US Registered Vehicles

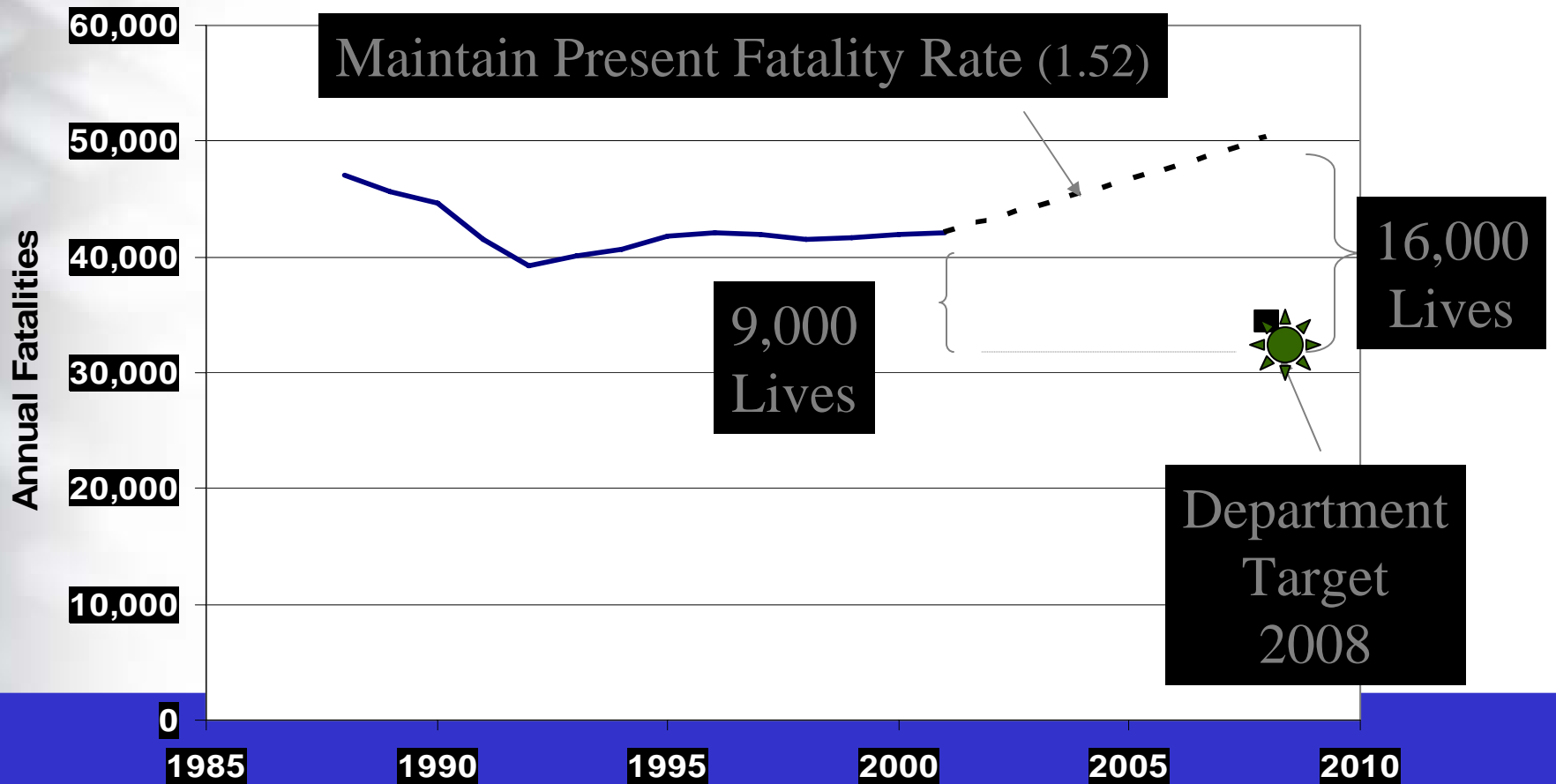


RECENT TRENDS: Pop (.75%/yr); Vehicles (1%/yr); Travel (2%/yr)*US Census Bureau Forecast; Vehicle Forecast -- 1% per yr.



DOT Fatality Rate Target in 2008

1 Fatality Per 100 Million Vehicle Miles Traveled





Operations - Emerging Trends

- Increasing focus and resource allocation to 24/7 operations of the road network
- Motivating factors:
 - September 11
 - Reduce congestion
 - Increase safety and emergency response capabilities
 - Optimize the existing transportation system - Do more with less
 - Customer demands for services, traffic information, reliable travel times



Emerging Trends – Emergency Operations

- Combining traffic management centers (TMCs), emergency operations centers (EOCs), and public safety dispatch in single facility (ex. Austin, Salt Lake City)
- TMCs as back-up EOCs
- Utilization of state DOT resources:
 - Fiber optic backbones
 - Radio systems
 - Procurement for interoperable communications



Emerging Trends – Emergency Operations (Cont'd)

- New technology horizons will enable significantly better traffic data and expanded management capabilities
 - Radio Frequency Identification
 - Dedicated Short Range Communication (DSRC)
 - Cellular phones as probes
 - In-vehicle capabilities



Interstate Research Focus

- Economic impacts
- Travel demands
- Rehabilitation needs
- New lane needs and intermodal connectors
- Military Deployment and National Security Needs
- New corridors – Designation Options
- Operational improvements
- Funding alternatives



Key Solutions

- Partnerships
- Technology
- Funding/ User Fee Increases



Questions?

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