



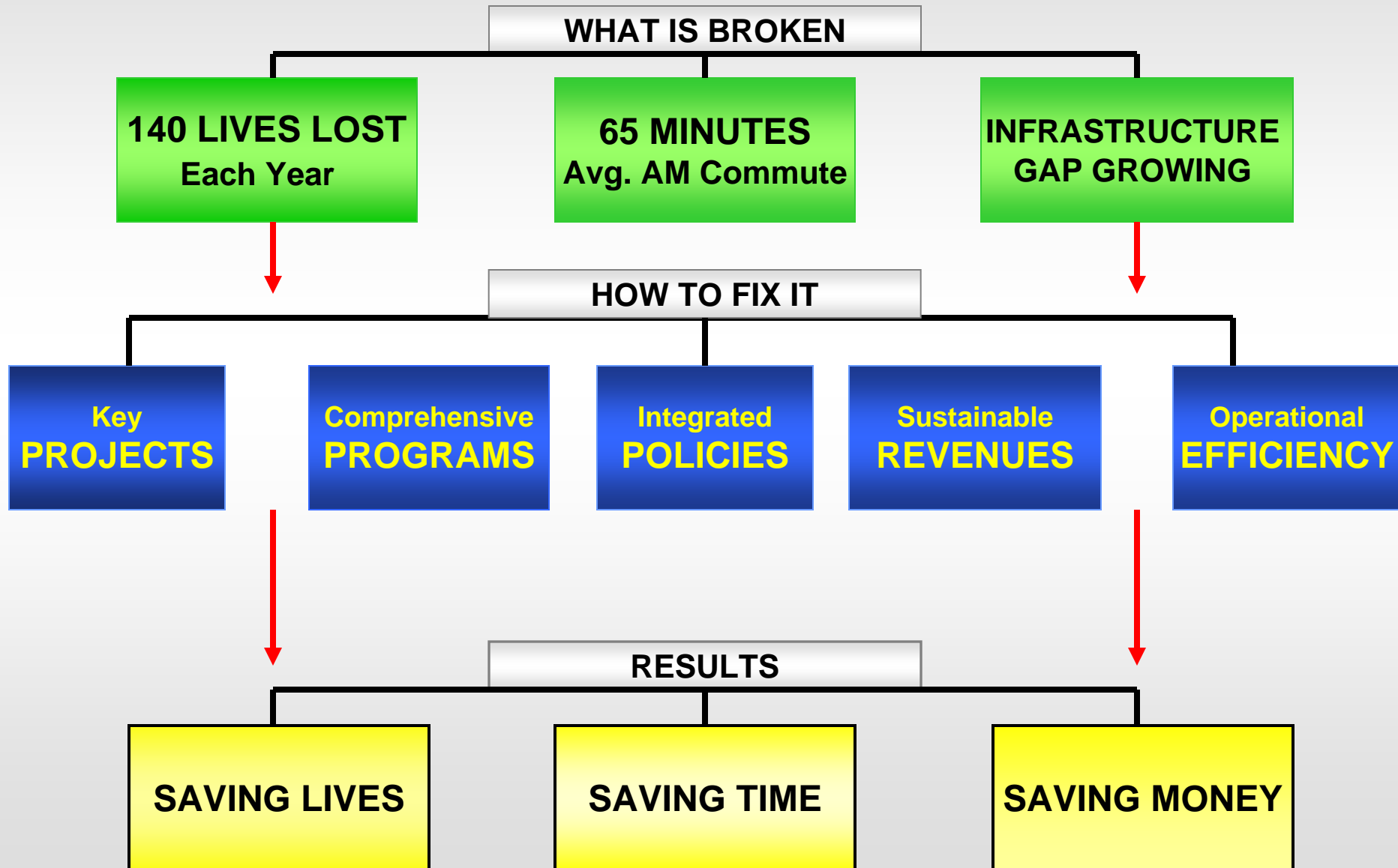
Highways Modernization Plan

Saving Lives, Saving Time, Saving Money



New Strategic Plan

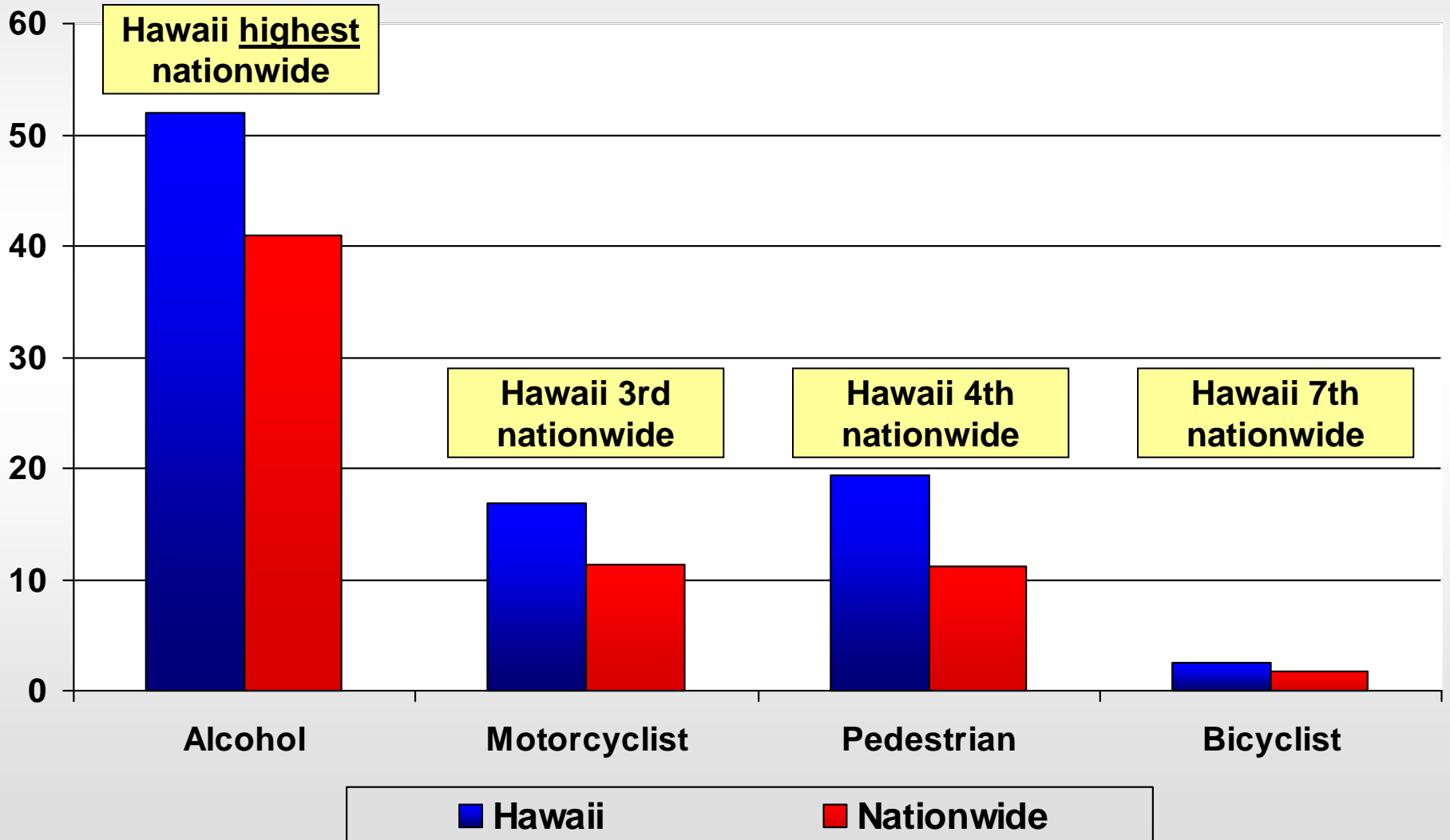
Saving Lives, Saving Time, Saving Money





Saving Lives

Fatalities by Percentage, Hawaii vs. Nation (2006 Statistics)



Saving Lives

Implementation of Strategic Highway Safety Plan

Highway Safety Projects

- Intersection Improvements (traffic signal, auxiliary lanes, etc.)
- Guardrail & Shoulder Improvements

Highway Safety Programs

- Safe Routes to School
- Pedestrian Master Plan
- Public Outreach/Awareness Programs

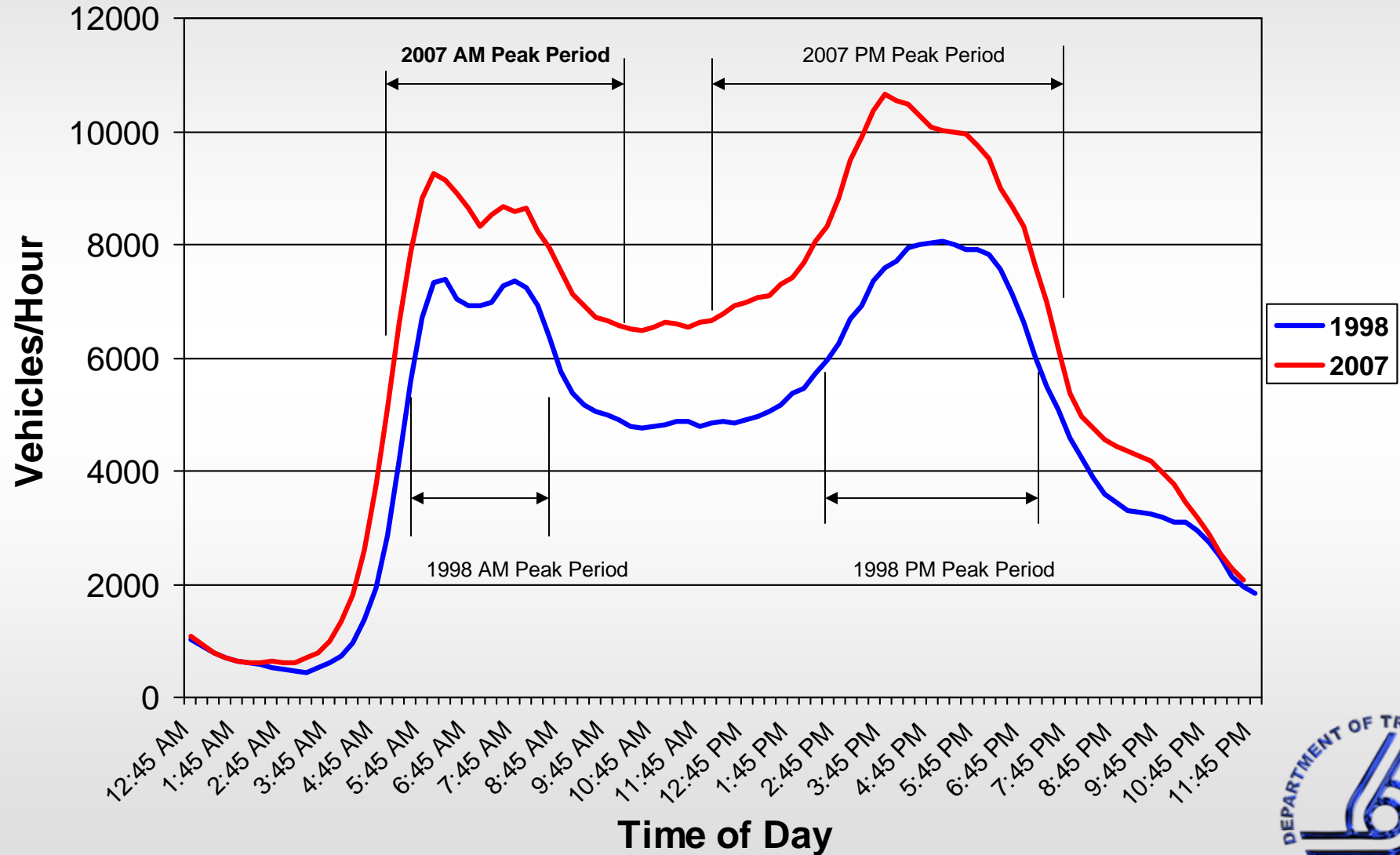
Legislation/Policy

- Distracted Driving Ban for GDL
- Moped and Motor Scooter Helmet Bill
- Red light Photo Enforcement
- Reckless Driving
- Penalties for Commercial Drivers Driving Drunk
- Ignition Interlock



Saving Time

H-1 Freeway Hourly Volumes: Peak Traffic Periods, 2007 vs. 1998



Saving Time

Average Daily Commute between Kapolei and Downtown Honolulu

In 10 years

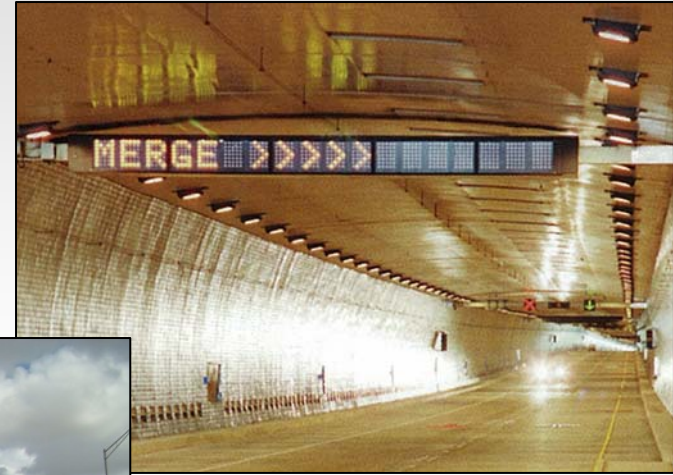
TODAY	BUSINESS AS USUAL	\$4 B PLAN
130 MINUTES	170 MINUTES	140 MINUTES



Saving Time

Key Strategies to Reduce Traffic Congestion

- **Operational Improvements**
 - Intelligent Transportation System (ITS)
 - PM Contraflow Lane
 - Mass Transit & Rideshare
- **Incident Management**
 - Freeway Service Patrol (FSP)
- **Remove Bottlenecks**
 - Middle Street Merge
 - Waiawa Interchange
- **Improve Reliability of Commerce**



Saving Money

Annual Cost of Congestion

Amount of Daily Delay (Minutes)	Cost of Delay Per Person	Cost of Delay Per Commercial Vehicle
1	\$60.83	\$321.25
2	\$121.67	\$642.50
3	\$182.50	\$963.75
4	\$243.33	\$1,285.00
5	\$304.17	\$1,606.25
10	\$608.33	\$3,212.50
15	\$912.50	\$4,818.75
20	\$1,216.67	\$6,425.00

Saving Money

Annual Cost Savings based on 30 minutes of total time savings per day

	\$4 B
PERSONAL	\$ 1,825
DOT	\$20-30 M



Operational/Structural Changes

Looking to the Future: Long Term Solutions

- **Sustainable Revenues**
 - Vehicle Miles Traveled (VMT) Pilot Program
- **Operational Efficiency**
 - New Accounting System (FAST)
 - Multi-skilled worker (MSW) program
 - Project Delivery
 - Preventative Maintenance
- **Less Cars on the Road**
 - Land Use Policy
 - DOT move to Kapolei
 - Promote Mass Transit/Rideshare



Financial Plan

Financial Impact to Individual Annually

	CURRENT	INCREASE	ANNUAL IMPACT
State Fuel Tax	\$0.17/gal	\$0.10/gal	\$80
Weight Tax	75 cents/lb	\$0.02/lb	\$70
Registration Fee	\$25/yr	\$20/yr	\$20
Rental Car Surcharge	\$3/day	\$2/day	
Total Increase			\$ 170/year
Total Savings			\$1,825/year
Net Savings			=\$1,655/year

Roll-out Plan

Stakeholders

- Legislators
- Counties
- Community Groups
- Hawaii Highway Users Alliance
- Safety Advocates
- Environmental Groups
- OMPO
- Chambers of Commerce
- Visitor Industry
- Construction Industry
- Labor Unions
- Major Land Owners/Developers
- Petroleum Companies
- Trucking Industry
- Utility Companies
- Military
- State Agencies
- Federal Agencies

