# HAWAII 2007 HIGHWAY SAFETY PLAN



# HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAY SAFETY OFFICE

#### **OVERVIEW**

#### Aloha!

During calendar year 2005, 140 people died on Hawaii's highways, a 1.4% decrease from 2004. Unfortunately, those fatalities and the thousands more who were injured in collisions could have been prevented if drivers had obeyed traffic laws, used seat belts, worn helmets, driven within the speed limit, and not driven under the influence of intoxicants.

Safety continues to be the top priority for the Hawaii Department of Transportation (HDOT). Our goal is simple: to reduce the number of fatalities and injuries from traffic- related crashes in Hawaii. With this goal in mind, the HDOT will implement highway safety projects that support national highway safety priorities unless local data shows that such safety priority programs are not a significant concern for Hawaii.

Throughout the upcoming federal fiscal year, Hawaii will continue to support and participate in national mobilization efforts in both occupant protection and alcohol countermeasures. Besides the mobilization efforts, the four county police departments will continue to enforce statutes addressing impaired driving, occupant protection, pedestrian safety and driving in excess of posted speed limits.

#### **Highway Safety Office**

At the HDOT, our Highway Safety Manager, Gordon Hong, and Law Enforcement Liaison Sgt. Robert Lung with the Honolulu Police Department, continue to provide strong leadership and safety expertise across the state by helping communities and organizations target their problems and empowering them to find solutions. During 2006, we expanded our staff by two positions. The Highway Safety Office will continue to work with other departments within HDOT to further highway safety issues. The Highway Safety Office staff includes:

- Lee Nagano, who coordinates the pedestrian and occupant protection programs, in addition to coordinating media campaigns;
- Lianne Yamamoto, who coordinates the alcohol programs and processes reimbursement requests, in addition to also coordinating media campaigns;
- Marjorie Kazama, who coordinates the speeding, traffic records and Safe Routes To School programs;
- Robert Norton, who coordinates the Driver Education program; and
- Scott Haneberg, who is the FARS Analyst and provides fatal data reports for the HDOT.

#### **New Laws**

The HDOT was very successful during this past legislative session. The following bills were signed into law by the Lingle administration:

- Act 63 "mandates safety helmet use for moped drivers under the age of 18 years."
- Act 64 "requires police to inform a person arrested for driving under the influence of intoxicants of the sanctions for refusal to submit to breath, blood, or urine test only if

- person withdraws consent to testing implied by operation of a vehicle on public highway or waters of the State." This has a significant impact for law enforcement personnel in the time it takes to process a person arrested for DUI.
- Act 105 "provides that information be made available to a driver's license examiner which pertains to persons under the age of 18 who have pending violations or proceedings that could result in the suspension or revocation of a driver's license or any pending adjudication for offenses relating to the operation of a motor vehicle."
- Act 129 "establishes the offense of excessive speeding, which is defined as 30 miles per hour or more over the speed limit or 80 miles per hour or more irrespective of the speed limit." This law increases the penalties significantly.
- Act 201 "increases sanctions for driving with a high blood alcohol level."
- Act 202 "prohibits consumption of liquor by minors."
- Act 203 "requires judges to suspend for 180 days the driver's licenses of licensed drivers under the age of 21 when the drivers have been convicted of illegal possession of liquor and if the defendant does not yet have driver's license, to postpone eligibility until the defendant is 17 years of age or for 180 days, whichever period is longer. Allows a judge the discretion to permit limited driving for those with a suspended license for employment or educational purposes."

#### **Alcohol Countermeasures**

During 2005, of the 140 fatalities on Hawaii's highways, 67 or 47.9% of them died in alcohol-related traffic crashes, an 11.7% increase from 2004. In addition, out of 129 fatal crashes, 60 or 46.5% of them were alcohol-related, a 0.8% increase from 2004.

To combat the increase of alcohol-related deaths during FFY 2005, the HDOT, along with the county police departments, implemented a "52/12" enforcement program by increasing the frequency of sobriety checkpoints to every week. That meant 52 weeks of enforcement coverage during the 12-month federal fiscal year. There was a minimum of 52 sobriety checkpoints per year in each county, which provided total statewide coverage of DUI enforcement. All four county police departments are currently participating in the second year of the "52/12" enforcement program, and will also implement checkpoints and/or saturation patrols on at least four nights during the National impaired driving campaign, August 16 – September 4, 2006.

Besides the enforcement efforts, the HDOT will continue its accompanying paid media campaign with the slogan "52/12 – You Drink, You Drive, You Lose," to raise the awareness of the program and to discourage drunk driving.

In addition to our "52/12" enforcement media campaign, the HDOT will be participating again in the "D2" (Designated Driver) radio campaign, which focused on Hawaii's younger drivers who frequent nightclubs and bars. The campaign runs throughout the summer from Memorial Day weekend 2006 until Labor Day – during high school graduation season and when college-age drivers are out of school and frequenting local nightspots. During the past two years, we have worked with local radio stations to set up promotions with their respective nightclubs and restaurants statewide. Participating clubs and restaurants provide free soft drinks or non-alcoholic beverage to those wearing a designated driver wristband or button during certain

business hours.

#### **Occupant Protection**

The last round of seat belt observations during June 2005 showed that Hawaii's seat belt usage rate had increased to 95.3%, the highest ever reached in Hawaii. Our goal of 97% by 2007 remains the same.

We attribute the continued success of the "Click It Or Ticket" campaign to the hard work of our many highway safety partners which included: the four county police departments, the Department of Health, the Department of Education, Federal Highway Administration, the Federal Motor Vehicle Carrier Safety Association, the local fire departments, religious leaders, military bases and so many others. We continued to support the enforcement campaign with a strong media campaign (television, radio and movie theatre). We also distributed 250 new banners and 19,000 posters statewide.

#### **Administrative Driver's License Revocation Assessment**

The HDOT is continuing with its assessment of the 12-year-old Administrative Driver's License Revocation (ADLR) law to determine if it is meeting the original intent of the law. Currently the HDOT is in the process of reviewing the final report.

#### **Traffic Data Grants**

The HDOT also continued to fund a statewide traffic records data committee to coordinate efforts to improve overall data systems. The state's goals in the area of traffic records is to revise our motor vehicle crash form to reflect at least 75% of MMUCC criteria, to develop the capacity to transfer citation data electronically to Judiciary and to develop transfer capability of all traffic crash forms from the four county police departments to the Department of Transportation.

#### **Safe Communities Grants**

We continue to involve the community in traffic safety by offering mini-grants to fund neighborhood traffic safety projects. Each year, our Highway Safety Office staff conducts public informational meetings in each county to teach people about the highway safety program and how to apply for funding. We will continue to encourage participation from community-based groups, and hope to involve community organizations that have not participated before.

#### **2007** Legislative Goals

Legislatively, the HDOT and representatives from the Honolulu Police Department, the Honolulu Prosecuting Attorney's office, MADD – Hawaii, and the Department of Health, are in the process of planning what legislation to introduce in 2007. We are firmly committed to submitting a bill to revoke a person's driver's license if the person commits a drug offense will be introduced.

We look forward to the implementation of highway safety projects approved by the Governor's Highway Safety Council in 2007. We remain committed to highway traffic safety, and will continue to work towards reducing the number of fatalities and injuries caused by motor vehicle

crashes in Hawaii.

Rodney K. Haraga Governor's Highway Safety Representative

# **BACKGROUND**

The Governors of all states are mandated by federal law 23 U.S.C. 402 to establish and implement a statewide highway safety program. Hawaii Revised Statutes (HRS) delegates this authority to the Director of Transportation as the Governor's Highway Safety Representative. HRS also establishes a Governor's Highway Safety Council to advise the Director of Transportation on highway safety issues and establishes County Traffic Safety Councils.

To assist states in carrying out the highway safety program, Congress provides annual grants for highway safety programs designed to reduce traffic crashes and resulting deaths, injuries, and property damage. A state may use these grant funds only for highway safety purposes; at least 40% of these funds are to be used to address local traffic safety problems.

Sections 2001 and 2002 of SAFETEA-LU reauthorize the State and Community Highway Safety formula grant program (Section 402 of Chapter 4 of Title 23) to support State highway safety programs. In addition, there are incentive grants to states that meet certain requirements, including Sections 405 406, 408, 410, 2010 and 2011. The grants support planning to identify and quantify highway safety problems, provide start up "seed" money for new programs, and give new direction to existing safety programs. The funds are intended to catalyze innovative programs at the state and local level, and leverage commitments of state, local, and private resources.

Hawaii expects to receive an estimated \$1 million in highway safety grants in Federal Fiscal Year 2007, October 1, 2006 to September 30, 2007:

Section 402	General Use.
Section 405	Restricted to seat belt projects.
Section 406	Restricted to seat belt projects.
Section 408	Restricted to traffic data projects.
Section 410	Restricted to alcohol projects.
Section 2010	Restricted to motorcycle projects.
Section 2011	Restricted to child safety seat projects.

# 12 YEAR STATISTICS

# **Hawaii Summary of Traffic Demographics and Fatalities, 1994-2005**

<b>Vehicle</b>	e Miles		Alcohol Pero	ent				
<u>Year</u>	Population	Licensed Drivers	Registered Vehicles	Vehicle Miles Traveled (Million)	Traffic Fatalities	Fatality Rate	Alcohol Involved Fatalities	Alcohol Involved
1994	1,187,536	745,392	898,008	7,925.2	122	1.5	60	49.2%
1995	1,196,854	732,508	901,291	7,944.1	130	1.6	64	49.2%
1996	1,203,755	733,486	907,770	8,005.9	148	1.8	62	41.9%
1997	1,211,640	738,865	906,964	8,003.0	131	1.6	57	43.5%
1998	1,215,233	746,329	915,753	8,090.2	120	1.5	61	50.8%
1999	1,210,300	752,693	929,474	8,215.2	98	1.2	42	42.9%
2000	1,212,109	769,383	964,738	8,525.7	132	1.5	50	37.9%
2001	1,222,011	787,820	986.555	8,142.2	140	1.6	53	37.9%
2002	1,234,514	814,668	1,013,594	8,937.3	119	1.3	45	37.8%
2003	1,248,755	834,188	1,057,625	9,325.0	133	1.4	71	53.4%
2004	1,262,840	843,876	1,100,646	9,734.6	142	1.6	60	42.3%
2005	1,275,194	856,163	1,149,403	10,129.1	140	1.4	67	47.9%
% Char 1994-2	U	+14.9%	+28%	+27.8%	+14.8%	-6.7%	+11.7%	-2.6%

# **Fatal Crashes in Hawaii, 2000-2005**

	2000	2001	2002	2003	2004	2005	% Change 2000-2005
Fatal Crashes	116	132	115	115	128	129	11.2%

# PART 1

# **EXECUTIVE SUMMARY** (PERFORMANCE PLAN)

During 2005, the number of fatalities decreased to 140, a 1.4% decrease from 2004. Alcohol, speed and pedestrians continued to be major factors in the high fatality rate.

A brief summary of 2005 fatal data showed:

- Alcohol was involved in 60, or 46.5%, of the 129 fatal crashes
- 67, or 47.9%, of the fatalities died in alcohol-related crashes
- 42 of the 129 (32.16%) fatal crashes and 30 of the 60 (50%) alcohol-related crashes occurred between 6 p.m. Friday and 6 a.m. Sunday
- 102, or 72.9%, of the fatalities were males
- 36, or 25.7%, of the 140 fatalities were pedestrians
- 72.2% of the pedestrian fatalities occurred on Oahu
- Motorcyclist fatalities increased from 21 to 22, or 4.8%
- 21, or 95.5%, of the motorcyclist fatalities were males
- Moped operator fatalities increased from 1 to 8, all of which occurred on Oahu

In federal fiscal year 2006, Hawaii will continue to focus on reducing its fatal crashes in six high priority areas that have been identified as the greatest areas of concern. The state will concentrate its education, enforcement and engineering efforts in these areas, utilizing a variety of countermeasures to address the problems.

#### HIGHEST PRIORITY

These have been identified as the most critical problem areas in highway safety in Hawaii and grants to selected projects in these areas will receive priority:

- ♦ Programs to reduce pedestrian injuries and fatalities for persons of all ages
- ♦ Programs to reduce motorcycle crashes
- ♦ Programs to reduce excessive speeding by persons ages 16-25
- ♦ Programs to increase the use of seat belts for persons 16-35 years
- Programs to enforce traffic laws in the areas of speed, occupant protection and alcohol
- Programs to reduce the number of repeat driving while intoxicated violations

#### LOWER PRIORITY

If federal monies are available after the highest priority projects have been funded, projects in the following areas will be considered:

- ♦ Programs to involve businesses in traffic safety programs
- Programs to increase use of child safety seats (including booster)
- Programs to reduce bicycle crashes
- ♦ Equipment request by Emergency Medical Services

All of the safety projects funded in 2007 are targeted to these key programs.

The Highway Safety Office has studied both collision and enforcement data to identify the statewide problem areas in highway safety. Data that was reviewed came from the Fatal Analysis Reporting System (FARS), state motor vehicle crash report data, enforcement data from the county police departments, motor vehicle registration and driver license information and population data.

Once the priorities were set, the Safe Community Office issued a Request for Proposals (RFP) in May 2006, which invited interested agencies and Safe Community groups to propose countermeasures. To simplify the process, the RFP included data in each priority area and requested solutions on how to help reduce injuries and fatalities. Public information meetings were held on each island to encourage groups to apply for grants and to answer questions that they had about the process. Applicants were told not to restate the problem or provide statistics. Copies of the RFP were mailed to all previous grantees. Notices were run in all newspapers soliciting proposals from new applicants.

A total of 57 proposals were received by the Highway Safety Office, compiled and submitted to the County Traffic Safety Councils on each island for their review and ranking, based on the needs of that island. Once the County Traffic Safety Council information was received, the Governor's Highway Safety Council (GHSC) met and reviewed all the proposals and scored them according to a pre-approved point system. Following the GHSC meeting, the Governor's Highway Safety Representative (GR) reviewed the process and approved the recommendations.

After receiving the Director of Transportation's (GR) approval to proceed, the funding recommendations were made based on the order of project scores in each priority area. A letter will be sent to each grantee informing them of the award and providing them with grant applications. A mandatory orientation meeting is scheduled with all new grantees to review the grant process, how to submit requests for reimbursements, project monitoring and reporting requirements.

# 2007 Performance Goals

Program Group or Area	Performance Measure	BaseL evel	Base Date	Goal	By Year				
Total Program									
Total Fatalities	Fatalities 142 2005 Decrease by 5% from 142 to 135			2007					
Total Injuries	Injuries	9,085	85 2003 Decrease by 6% from 9,085 to 8,50		2007				
	Alcohol								
Drinking Drivers in Fatal Crash	Drivers w/.08 & above BAC	44	2005	Decrease by 20% from 44 to 35	2007				
15-20 Had Been Drinking in Fatal Crash	Drivers w/positive BAC	3	2005	Decrease by 33% from 3 to 2	2007				
	Occupant Prote	ection							
Safety Belt Survey	Front Seat Occupants	95.3%	2005	Increase to 97%	2007				
Child Safety Seat Usage	Infants	93.4%	2005	Increase to 95%	2007				
Child Safety Seat Usage	Toddlers	73.5%	2005	Increase to 80%	2007				
All Occupant Fatalities	Restrained	41.4%	2005	Increase to 45%	2007				
16-20 Age Group Fatalities	Restrained	33.3%	2005	Increase to 40%	2007				

Speed Control								
Excessive Speed Crashes	Fatalities	66	2005	Decrease by 9% to 60	2007			
	Pedestrian/Bicy	cles						
Pedestrian	Fatalities	36	2005	005 Decrease by 17% to 30				
	Motorcycle							
Motorcyclist	Fatalities	22	2005	Decrease by 18% to 18	2007			
Motorcyclist	Helmeted	36%	2005	Increase to 45%	2007			
	Traffic Record	ls						
OP Unknowns	Fatalities	10	2005	Decrease by 30% to 7	2007			
Drivers in AR Fatal Crashes	No BAC Given	18	2005	Decrease by 17% to 15	2007			

# Federal Fiscal Year 2007 Highway Safety Plan Cost Summary

<b>Project Title</b>	Total	To Local
Program Administration	\$29,500.00	\$0
Police Traffic Services	\$97,360.00	\$87,360.00
Alcohol Countermeasures	\$1,071,093.85	\$599,801.00
Traffic Records	\$750,000.00	\$475,000.00
Emergency Medical Services	\$72,999.00	\$71,999.00
Occupant Protection	\$783,275.00	\$344,470.00
Speed Control	\$234,940.00	\$209,940.00
Motorcycle Countermeasures	\$110,000.00	\$100,000.00
Safe Community Program	\$452,283.00	\$124,183.00
Pedestrian/Bicycle Safety	\$184,260.00	\$179,260.00
NHTSA TOTAL	\$3,785,710.85	\$2,192,013.00
Share to Local (percentage)		58%

# **PART II**

**PROGRAM AREAS** 

#### PLANNING & ADMINISTRATION

#### **Program Overview**

The Planning and Administration program area includes those activities and costs necessary for the overall management and operations of the Highway Safety Office. These activities include:

- ♦ Identifying the state's most significant traffic safety problems;
- Prioritizing problems and developing methods for the distribution of funds;
- ♦ Developing the annual Highway Safety Plan (HSP);
- ♦ Selecting individual projects to be funded;
- Evaluating accomplishments;
- ♦ Increasing public awareness and community support;
- Participating on various traffic safety committees and task forces;
- ♦ Organizing Safe Community groups;
- Coordinating statewide public information and education programs;
- Generally promoting and coordinating traffic safety in Hawaii.

#### **Goals & Performance Measures**

The goal is to provide management and support services for the activities necessary to operate the traffic safety program in the State of Hawaii. The performance goals include:

- Develop a coordinated Highway Safety Plan/Performance Plan by September 1, 2006.
- Develop, coordinate, monitor and administratively evaluate traffic safety projects identified in the plan.
- Conduct an active public awareness and community support program during fiscal year 2007.
- ♦ Support highway safety legislation.
- Develop the Annual Report for FFY 2006 by December 31, 2006.
- Utilize all available means for improving and promoting the Hawaii traffic safety program.

# Program Administration

1	Project Title: Program Administration Project Number: PA07-00 (01-S-01) Project Description: The funds will be used to administer the highway safety program for the State of Hawaii. Funds will also be used for travel to conferences such as the NHTSA Western Regional and the Lifesavers Conference. Project Cost: \$29,500
	TOTAL PROJECT COSTS: \$29,500

# Police Traffic Services

1	Project Title: Honolulu Police Department Traffic Services Project Number PT07-01 (01-O-01)
	Project Description: Funds will be used to train traffic investigators of the four county police departments with the knowledge to investigate and reconstruct motor vehicle collisions. All training courses will be open to the four county police departments. Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office. Project Cost: \$46,000
2	Project Title: Hawaii County Police Department Traffic Services  Project Number PT07-01 (02-H-01)  Project Description: The project will enable the Hawaii County Police Department to send four Traffic Enforcement Unit officers to participate in reconstruction courses to be held in Honolulu. Funds will also be used to purchase three digital cameras to improve traffic investigations.  Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office.  Project Cost: \$8,760
3	Project Title: Maui Police Department Traffic Services  Project number: PT07-01 (03-M-01)  Project Description: Funds will be used to train traffic investigators in new technologies used to investigate fatal crashes to include commercial vehicles. Funds will be used to purchase a Vetronix Crash Data Retrieval system and a digital camera to use during investigations. Grant funds may be used for related training if approved by the Highway Safety Office.  Project Cost: \$20,000
4	Project Title: Kauai Police Department Traffic Services Project Number: PT07-01 (04-K-01) Project Description: The Kauai Police Department will use grant funds to send four traffic investigators to participate in reconstruction training on Oahu. Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office. Project Cost: \$12,600
5	Project Title: Program Management Project Number: PT07-01 (05-S-01) PM Project Description: The funds will be used for program operations including reporting, monitoring, technical assistance and development of plans. Project Cost: \$10,000
	TOTAL PROJECT COSTS: \$97,360

# Hawaii Project Summary Sheet Federal Fiscal Year 2007

	POLICE TRAFFIC SERVICES FISCAL SUMMARY	Allocation
PT07-01 (01-O-01)	HPD Traffic Services	\$46,000
PT07-01 (02-H-01)	HCPD Traffic Services	\$8,760
PT07-01 (03-M-01)	MPD Traffic Services	\$20,000
PT07-01 (04-K-01)	KPD Traffic Services	\$12,600
PT07-01 (05-S-01) PM	Program Management	\$10,000
Subtotal		\$97,360

#### ALCOHOL AND OTHER DRUGS

Impaired driving continues to be a major problem in Hawaii. Of the 140 traffic fatalities for 2005, 47.9% were alcohol-related.

Male drivers dominate the drinking driver problem in Hawaii with 53, 79.1% being male.

During FFY 2007, we will continue our "52/12 – You Drink & Drive, You Lose" enforcement and media campaign. As part of the "52/12" enforcement program, Hawaii's four county police departments have, at a minimum, one sobriety checkpoint every week of the year, which means 52 weeks of enforcement during the 12-month federal fiscal year. The county police departments will also implement checkpoints and/or saturation patrols on at least four nights during the National impaired driving campaign. Additional sobriety checkpoints will be established during major holiday periods.

#### Impaired Driving in Hawaii, 2000-2005

	2000	2001	2002	2003	2004	2005	% Change 2000-2005
Fatalities Alcohol-Involved Fatalities % Alcohol-Involved Fatalities	131 55 41.7%	140 60 42.9%	119 45 38%	133 71 53.4%	142 60 42.3%	140 67 47.9%	6.9% 21.8% 15%
DUI Arrests	3,961	3,610	3,937	4,325	5,126	9,950	+151.2%

Fatal data is from FARS

#### Alcohol Countermeasures

#### 1 Project Title: Honolulu Police Department Roadblock

Project Number: AL07-02 (01-O-01)

Project Description: The HPD will implement a "52/12" enforcement program to increase the use of sobriety checkpoints to every week of every month of the year. There will be a minimum of 52 sobriety checkpoints in Honolulu during federal fiscal year 2007. The county police departments will also implement checkpoints and/or saturation patrols on at least four nights during the National impaired driving campaign. Any additional enforcement funds will be concentrated during holiday periods. Funds will also be used to purchase 21 passive alcohol sensors. Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office. Project Cost: \$79,214

#### 2 Project Title: Hawaii County Police Department Roadblock

Project Number: AL07-02 (01-H-02)

Project Description: The HCPD will implement a "52/12" enforcement program to increase the use of sobriety checkpoints to every week of every month of the year. There will be a minimum of 52 sobriety checkpoints in Hawaii County during federal fiscal year 2007. The county police departments will also implement checkpoints and/or saturation patrols on at least four nights during the National impaired driving campaign. Any additional enforcement funds will be concentrated during holiday periods. Funds will also be used to purchase Visual Statement software and three digital cameras for on-scene investigations. Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office.

Project Cost: \$59,500

#### 3 Project Title: Maui Police Department Roadblock/Youth Deterrence Project

Project Number: AL07-02 (01-M-03)

Project Description: The MPD will implement a "52/12" enforcement program to increase the use of sobriety checkpoints to every week of every month of the year. There will be a minimum of 52 sobriety checkpoints in Maui County during federal fiscal year 2007. Funds will also be used to conduct youth deterrence enforcement activities. The county police departments will also implement checkpoints and/or saturation patrols on at least four nights during the National impaired driving campaign. Any additional enforcement funds will be concentrated during holiday periods. Funds will also be used to purchase 10 portable breath testing instruments, 10 Power Flares Electronic LED Beacons and two Fatal Vision starter kits. Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office. Project Cost: \$56,925

#### 4 Project Title: Kauai Police Department Roadblock

Project Number: AL07-02 (01-K-04)

Project Description: The Kauai Police Department (KPD) will implement a "52/12" enforcement program to increase the use of sobriety checkpoints to every week of every month of the year. There

will be a minimum of 52 sobriety checkpoints in Kauai during federal fiscal year 2007. The county police departments will also implement checkpoints and/or saturation patrols on at least four nights during the National impaired driving campaign. Any additional enforcement funds will be concentrated during holiday periods. Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office.

Project Cost: \$40,000

#### 5 Project Title: Hawaii County Police Department Traffic Safety Coordinator

Project Number: AL07-02 (02-H-01)

Project Description: The Traffic Safety Coordinator will continue to provide support to existing traffic safety groups. The coordinator will also facilitate an active impaired driving prevention county task force, develop an active MADD chapter, and conduct an in-dept review of the ADLRO procedures to see if they can be improved. Grant funds may be used for related training if approved by the Highway Safety Office.

Project Cost: \$52,000

#### 6 Project Title: MADD Court Monitoring/Community Education Program

Project Number: AL07-02 (03-O-01)

Project Description: The project will implement a Court Monitoring program to improve OVUII conviction rates and to encourage effective and appropriate sentencing. The second part of the grant will be to coordinate community education/prevention efforts about impaired driving and underage drinking including their Red Ribbon campaign. Grant funds may be used for related training if approved by the Highway Safety Office.

Project Cost: \$100,000

#### 7 Project Title: Hawaii Community College Court Monitoring

Project Number: AL07-02 (04-H-01)

Project Description: The funds will be used to implement a Court Monitoring program to improve OVUII conviction rates and to encourage effective and appropriate sentencing in Hawaii County. Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office

Project Cost: \$89.262

## 8 Project Title: Keaau High School Shattered Dreams Project

Project Number: AL07-02 (05-H-01)

Project Description: The goal of the project is to reduce motor vehicle injuries and deaths by decreasing the number of teens driving while under the influence of alcohol. Funds will be used to provide a positive alternate to alcohol and drugs by conducting educational and athletic activities based on the "Shattered Dreams" program that was recently completed at Keaau High School on the island of Hawaii. Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office.

Project Cost: \$25,000

#### 9 Project Title: High Risk Unlicensed Drivers

Project Number: AL07-02 (06-O-01)

Project Description: The project intends to use the clinical staff as driver educators. Adult Friends for Youth is a private non-profit agency that has access to high risk youth that do not possess a driver's license. The high risk clientele drive automobiles on a regular basis without a license. The driver education teacher will provide a structured program on the proper techniques of driving and

the correct social behaviors such as the use of seat belts and not driving after consuming alcohol. The goal of this program is to enroll and license 20 high risk youth. Grant funds may be used for related training if approved by the Highway Safety Office.

Project Cost: \$24,900

#### 10 | Project Title: Department of Education Traffic Safety

Project Number: AL07-02 (07-S-01)

Project Description: The project is to prevent and reduce injuries and traffic fatalities through traffic safety prevention/awareness education, youth and parent advocacy, youth activities and community participation. The project will provide traffic safety conferences for students, teachers, administrators, and parents on traffic safety and injury prevention as well as resources on traffic safety in general (pedestrian, seat belts, alcohol-related crashes, school bus, bicycle, education and safe driving practices). Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office.

Project Cost: \$46,000

#### 11 | Project Title: Pacific Addiction Research Substance Abuse Intervention Program

Project Number: AL07-02 (08-O-01)

Project Description: The goal of this project is to addresses the underlying alcohol and other drug-related issues related by screening all patients ages 14 and older admitted to the Trauma Center of Queen's Medical Center for substance abuse as part of the standard medical protocol. If a screen positive is obtained, the patient will undergo a 20 to 30 minute substance abuse intervention based upon information from the intake interview. A follow-up will be conducted with a minimum of 75% of those patients that received brief intervention. Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office.

Project Cost: \$100,000

Project Funding Source: \$100,000 (402 Grant)

#### 12 | Project Title: Department of Education Driver Education Program

Project Number: AL07-02 (09-S-01)

Project Description: The goal of this project is to continue the monitoring system of Hawaii's Driver Education instructors. The objective of the project is to provide the mechanism for assisting new as well as certified driver education instructors through statewide training and monitoring activities to ensure proper standards are being used to implement the driver education program. Will also monitor implementation of the Graduated Driver's Licensing requirements. Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office.

Project Cost: \$61,992.85

Project Funding Source: \$61,992.85 (402 Grant)

#### 13 Project Title: Hawaii County Police Department Youth Deterrence

Project Number: AL07-02 (10-H-01)

Project Description: The funds will be used to enforce underage drinking laws and to conduct 30 operations targeting Raves and other large gatherings in public places. Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office.

Project Cost: \$27,000

#### 14 | Project Title: Department of Health – DUI Coordinator

Project Number: AL07-02 (11-S-01)

Project Description: The funds will be used to coordinate and support the statewide DUI program in order to increase credibility of the program and increase conviction rates. Funds will also be used to purchase a breath alcohol testing instrument (Intoxilyzer 8000) and accessories (Cost: \$8,500).

	Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office.  Project Cost: \$34,300
15	Project Title: DOT Alcohol Media Campaign Project Number: AL07-05 (12-S-01) Project Description: This grant will be administered though the HDOT. We will continue to air our "52/12 – You Drink & Drive. You Lose" and "RUD2?" media campaigns in support of the national mobilizations. Grant funds may be used for related media training, equipment purchases and media activities. Project Cost: \$200,000
16	Project Title: Program Management Project Number: AL07-02 (13-S-01) PM Project Description: The funds will be used for program operations including reporting, monitoring, technical assistance and development of plans and application for alcohol related countermeasures. Project Cost: \$75,000
	TOTAL PROJECT COSTS: \$1,071,093.85

# Hawaii Project Summary Sheet Federal Fiscal Year 2007

	ALCOHOL COUNTERMEASURES FISCAL SUMMARY	Allocation
AL07-02 (01-O-01)	HPD Roadblock Project	\$79,214
AL07-02 (01-H-02)	HCPD Roadblock Project	\$59,500
AL07-02 (01-M-03)	MPD Roadblock/Youth Deterrence Project	\$56,925

AL07-02 (01-K-04)	KPD Roadblock Project	\$40,000		
AL07-02 (02-H-01)	HCPD Traffic Safety Coordinator	\$52,000		
AL07-02 (03-O-01)	MADD Court Monitoring & Volunteer Program	\$100,000		
AL07-02 (04-H-01)	Hawaii Community College Court Monitoring Program	\$89,262		
AL07-02 (05-H-01)	Keaau High School Shattered Dreams	\$25,000		
AL07-02 (06-O-01)	High Risk Unlicensed Drivers	\$24,900		
AL07-02 (07-S-01)	Department of Education Traffic Safety	46,000		
AL07-02 (08-O-01)	Pacific Addiction Research Alcohol Intervention	\$100,000		
AL07-02 (09-S-01)	Department of Education Driver Education Program	\$61,992.85		
AL07-02 (10-H-01)	HCPD Youth Deterrence	\$27,000		
AL07-02 (11-S-01)	DOH DUI Coordinator	\$34,300		
AL07-02 (12-S-01)	DOT Alcohol Media Campaign	\$200,000		
AL07-02 (13-S-01) PM	Program Management	\$75,000		
Subtotal		\$1,071,093.85		

# TRAFFIC RECORDS

The state's goals in the area of traffic records is to revise our motor vehicle crash form to reflect at least 75% of MMUCC criteria, to develop the capacity to transfer citation data electronically to Judiciary and to develop transfer capability of all traffic crash forms from the four county police departments to the Department of Transportation.

# Traffic Records

1	Project Title: Traffic Data Committee
	Project Number: TR07-03 (01-S-01)
	Project Description: The funds will be used to coordinate and facilitate monthly meetings of the

statewide data committee. Funds will also be used for sub-committee groups dealing with related activities such as legislation that effects electronic data transfer. The committee will meet to discuss and implement the future of Hawaii's data systems. The top priority of the committee is to revise the Police Accident Report forms to make it 75 percent MMUCC compliant. Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office. Project Costs: \$60,000

#### **Project Title: Traffic Records Assessment**

Project Number: TR07-03 (02-S-01)

Project Description: The funds will be used to conduct a statewide assessment of the HDOT's traffic

records program.
Project Costs: \$50,000

#### **3** Project Title: Honolulu Police Department Data Collection Grant

Project Number: TR07-03 (03-O-01)

Project Description: The funds will be used to establish a pilot program for the collection of information at traffic collisions and transmittal of information on citations and traffic crashes to appropriate governmental agencies. Funds will also be used to purchase portable devices and software capable of producing traffic crash reports and traffic citations. Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office. Project Costs: \$200,000

#### 4 | Project Title: Hawaii County Police Department Data Grant

Project Number: TR07-03 (04-H-01)

Project Description: The funds will be used to participate in the monthly Traffic Data Records Committee and to hire a consultant to implement forms and data into HCPD's Records Management System. Funds will also be used to five heavy duty laptop computers and software to allow citations to be electronically transferred to Judiciary. Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office.

Project Costs: \$75,000

#### 5 Project Title: Maui Police Department Data Grant

Project Number: TR07-03 (05-M-01)

Project Description: Funds will be used to create a pilot project to explore the feasibility of collecting data in the field from transmission directly to the Maui Police Department servers by way of wireless modem access and/or docking to LAN. Funds will be used to participate in the Traffic Data Records Committee monthly meetings and to purchase computer software and equipment (Cost: \$50,000) to allow citations to be electronically transferred to Judiciary. Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office.

Project Costs: \$50,000

## 6 Project Title: Kauai Police Department Data Grant

Project Number: TR07-03 (06-K-01)

Project Description: The funds will be used to participate in the Traffic Data Records Committee monthly meetings and to purchase software and computer equipment to allow citations to be electronically transferred to Judiciary. Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office.

Project Costs: \$50,000

#### 7 Project Title: Motor Vehicle Crash Form Training

Project Number: TR07-03 (07-S-01)

Project Description: The funds will be used to coordinate and facilitate monthly meetings of the statewide data committee. Funds will also be used conduct mandatory motor vehicle crash form

	training statewide. Grant funds may be used for related training and equipment purchases if approved
	by the Highway Safety Office.
	Project Costs: \$50,000
8	Project Title: Judiciary Citation Software
	Project Number: TR07-03 (08-S-01)
	Project Description: The funds will be used to purchase the software necessary to receive citation
	data from the four county police departments.
	Project Costs: \$75,000
9	Project Title: Emergency Medical Service Software Purchase
	Project Number: TR07-03 (09-S-01)
	Project Description: The funds will be used to purchase the software necessary to receive and link
	data statewide.
	Project Costs: \$50,000
10	Project Title: Data Coordinator
	Project Number: TR07-03 (10-S-01) PM
	Project Description: The funds will be used to coordinate the Traffic Records Committee and related
	activities.
	Project Costs: \$50,000
11	Project Title: Program Management
	Project Number: TR07-03 (11-S-01) PM
	Project Description: The funds will be used for program operations including reporting, monitoring,
	technical assistance and development of plans and application for alcohol-related countermeasures.
	Project Costs: \$40,000
	TOTAL PROJECT COSTS: \$750,000

### Hawaii Project Summary Sheet Federal Fiscal Year 2007

	TRAFFIC RECORDS FISCAL SUMMARY	Allocation
TR07-03 (01-S-01)	DOT Traffic Data Committee	\$60,000
TR07-03 (02-S-01)	DOT Traffic Records Assessment	\$50,000
TR07-03 (03-O-01)	Honolulu Police Department Data Grant	\$200,000
TR07-03 (04-H-01)	Hawaii County Police Department Data Grant	\$75,000
TR07-03 (05-M-01)	Maui Police Department Data Grant	\$50,000
TR07-03 (06-K-01)	Kauai Police Department Data Grant	\$50,000
TR07-03 (07-S-01)	DOT MVC Training	\$50,000
TR07-03 (08-S-01)	Judiciary Citation Software	\$75,000

TR07-03 (09-S-01)	EMS Software Purchase	\$50,000
TR07-03 (10-S-01)	Data Coordinator	\$50,000
TR07-03 (11-S-01) PM	Program Management	\$40,000
Subtotal		\$750,000

# **EMERGENCY MEDICAL SERVICES**

The Honolulu Emergency Services recently lost access to helicopter transportation from rural areas to the designated level-one trauma center on the island of Oahu. As a result, patients in rural areas have to be transported by ambulance, adding critical time to the "golden hour." To increase the ability to provide the best care for patients, the Honolulu Emergency Medical Services have requested additional equipment for their ambulances that service rural areas.

# **Emergency Medical Services Countermeasures**

1	Project Title: Hawaii County Fire Department Generator Purchase
	Project Number: EM07-04 (01-H-01)
	Project Description: The project will purchase 20 generators, light sets and safety signs that will
	be used when responding to motor vehicle crashes in rural areas. Grant funds may be used for related training and purchase of additional materials if approved by the Highway Safety Office. Project Cost: \$33,299
	Project Title: Kauai Fire Department New Technology Training

•	
2	Project Number: EM07-04 (02-K-01) Project Description: The project will develop a training program that will help prepare firefighters for accidents involving cars with new vehicle technology. This is prevent harm to both victims and firefighters. Grant funds may be used for related training and purchase of additional materials if approved by the Highway Office.  Project Cost: \$6,420
3	Project Title: Honolulu Emergency Medical Services Autovent Ventilator Purchase Project Number: EM07-04 (03-O-01) Project Description: Funds will be used to purchase eight Autovent Ventilators for use in ambulances that service rural areas. The ventilator will be used to stabilize patients during transport to the nearest medical facility. Grant funds may be used for related training and purchase of additional materials if approved by the Highway Safety Office. Project Cost: \$22,400
4	Project Title: Honolulu Emergency Medical Services Backboard Purchase Project Number: EM07-04 (04-O-01) Project Description: Funds will be used to purchase 18 backboards so that personnel can immobilize patients to transport them from rural crash sites to the nearest medical facility. Grant funds may be used for related training and purchase of additional materials if approved by the Highway Safety Office. Project Cost: \$6,120
5	Project Title: Honolulu Emergency Medical Services Pressure Regulator Purchase Project Number: EM07-04 (05-O-01) Project Description: Funds will be used to purchase eight pressure regulators that will be used while transporting patients from rural crash sites to the nearest medical facility. Grant funds may
	be used for related training and purchase of additional materials if approved by the Highway Safety Office.
6	be used for related training and purchase of additional materials if approved by the Highway
7	be used for related training and purchase of additional materials if approved by the Highway Safety Office.  Project Cost: \$1,760  Project Title: Honolulu Emergency Medical Services Demand Valve Purchase  Project Number: EM07-04 (06-O-01)  Project Description: Funds will be used to purchase eight oxygen valves that will be used while transporting patients from rural crash sites to the nearest medical facility. Grant funds may be used for related training and purchase of additional materials if approved by the Highway Safety Office.
	be used for related training and purchase of additional materials if approved by the Highway Safety Office.  Project Cost: \$1,760  Project Title: Honolulu Emergency Medical Services Demand Valve Purchase  Project Number: EM07-04 (06-O-01)  Project Description: Funds will be used to purchase eight oxygen valves that will be used while transporting patients from rural crash sites to the nearest medical facility. Grant funds may be used for related training and purchase of additional materials if approved by the Highway Safety Office.  Project Cost: \$2,000  Project Title: Program Management  Project Number: EM07-04 (07-S-01) PM  Project Description: The funds will be used for program operations including reporting, monitoring, technical assistance and development of plans.

# Hawaii Project Summary Sheet Federal Fiscal Year 2007

	Emergency Medical Fiscal Summary	Allocation
EM07-04 (01-H-01)	HCFD Generator Purchase	\$33,299
EM07-04 (02-K-01)	KFD New Technology Training	\$6,420
EM07-04 (03-O-01)	EMS Autovent Ventilator Purchase	\$22,400
EM07-04 (04-O-01)	EMS Backboard Purchase	\$6,120
EM07-04 (05-O-01)	EMS Pressure Regulator Purchase	\$1,760
EM07-04 (06-O-01)	EMS Demand Valve Purchase	\$2,000
EM07-04 (07-S-01) PM	Program Management	\$1,000
Subtotal		\$72,999

# **OCCUPANT PROTECTION**

As of June 2005, Hawaii's seat belt usage rate increased from 95.2% to 95.3%, the highest in the nation. However, only 41.4% of the people killed in 2005 were using seat belts and/or harnesses.

The goal for Hawaii is to increase front seat occupant protection usage from 95.3% to 97% by 2007 and increase the percentage of fatalities using restraints to 55%. Hawaii also hopes to increase child safety seat usage for infants from 93.4% to 98% and child safety seat usage for toddlers from 73.5% to 94%.

#### Occupant Protection In Hawaii, 1999-2005

	1999	2000	2001	2002	2003	2004	2005
Seat Belt Use Rate (Observational Study)	80.3	80.4	82.5	90.4	91.8	95.1	95.3
Child Safety Seat Usage* (Observational Study)							
Infants	89.4	89.8	81.8	90.9	95.4	97.1	93.4
Toddlers	38.9	45.9	34.8	59.5	62.2	82.5	73.5
Restraint Use in Motor Vehicle Fatalities	55.4	35.6	37.6	39.7	48.2	38.5	41.4
No. Not Using Occupant Protection in Fatal Crash l	oy Age						
Under 17	4	3	2	5	1	2	0
17-20	6	9	8	7	11	7	2
21-24	8	8	3	3	10	7	6
25-34	4	13	9	4	7	11	10
35-44	4	5	8	5	6	6	8
45-54	2	5	7	1	1	2	1

55-64	1	1	5	2	1	3	2
65-74	1	1	1	0	2	2	0
75+	3	0	0	4	0	0	2
Citations Issued for Failure to Use Occupa Driver Child	ant Protection 18,272 1,569	24,331 1,809	17,866 1,247	26,996 1,178	26,467 1,125	20,623 952	20,147 820

# **Occupant Protection Countermeasures**

#### 1 Project Title: Honolulu Police Department Seat Belt Enforcement Program

Project Number: OP07-05 (01-O-01)

Project Description: The HPD will enforce the mandatory seat belt law using overtime funded by the grant. This is to supplement their regular seat belt enforcement activity. Enforcement will be done on a year round basis and will include participation in the national "Click It Or Ticket" mobilization. Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office.

Project Cost: \$75,000

#### 2 Project Title: Hawaii County Police Department Seat Belt Enforcement Program

Project Number: OP07-05 (01-H-02)

Project Description: The HCPD will enforce the mandatory seat belt law using overtime funded by the grant. This is to supplement their regular seat belt enforcement activity. Enforcement will be done on a year round basis and will include participation in the national "Click It Or Ticket" mobilization. Funds will also be used to purchase 12 tint meters to measure those drivers with illegal tint that prevents officers from observing those inside the vehicle. Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office. Project Cost: \$59,000

#### 3 | Project Title: Maui Police Department Seat Belt Enforcement Program

Project Number: OP07-05 (01-M-03)

Project Description: The MPD will enforce the mandatory seat belt law using overtime funded by the grant. This is to supplement their regular seat belt enforcement activity. Enforcement will be done on a year round basis and will include participation in the national "Click It Or Ticket" mobilization. Funds will also be used to purchase 20 tint meters. Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office.

Project Cost: \$55,800

#### 4 Project Title: Kauai Police Department Seat Belt Enforcement Program

Project Number: OP07-05 (01-K-04)

Project Description: The KPD will enforce the mandatory seat belt law using overtime funded by the grant. This is to supplement their regular seat belt enforcement activity. Enforcement will be done on a year round basis and will include participation in the national "Click It Or Ticket" mobilization. Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office.

Project Cost: \$29,820

#### 5 Project Title: Hawaii County Police Department – Click It Or Ticket Campaign

Project Number: OP07-05 (02-H-01)

Project Description: The Hawaii County Police Department will use funds for two educational Click It Or Ticket campaigns. Each campaign will consist of a Click It Or Ticket 3 on 3 basketball tournament for youth aged 6 through 18. The goal of the event is to increase awareness of seat belt use, especially in the back seat. Child safety seat demonstrations will also be held in conjunction with the basketball tournaments. Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office.

Project Cost: \$12,700

#### 6 Project Title: Maui Child Restraint Program

Project Number: OP07-05 (03-M-01)

Project Description: The project will address non-use and the high rates of incorrect use of child safety seats and booster seats. The Maui Police Department will implement child passenger services in a standardized, comprehensive and systematic way. This will include quality a management system for child passenger safety fitting stations and checkups, certification training and continuing technical education and training. Funds will also be used to purchase child safety seats and a laptop computer to be used during training. Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office.

Project Cost: \$50,000

#### 7 Project Title: Oahu Child Restraint Program

Project Number: OP07-05 (04-O-01)

Project Description: The project will address non-use and the high rates of incorrect use of child safety seats and booster seats. The Keiki Injury Prevention Coalition ("keiki" is Hawaiian for child) will continue to implement child passenger services in a standardized, comprehensive and systematic way. This will include a quality management system for child passenger safety fitting stations, community-based checkups, certification training and continuing technical education and training. Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office.

Project Cost: \$62,150

#### 8 Project Title: University of Hawaii Observational Survey

Project Number: OP07-05 (05-S-01)

Project Description: The University of Hawaii will provide observational surveys for seat belts, child restraints (infant/toddler), booster seats, helmet use and truck bed use. The data will be provided to the Hawaii Department of Transportation (HDOT) to evaluate the present occupant protection programs and initiate other countermeasures based on this data. Funds will also be used to conduct an additional project to analyze traffic citation data in order to better understand non-compliance with the mandatory restraint laws. Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office.

Project Costs: \$113,805

#### 9 Project Title: DOT Booster Seat Media Campaign

Project Number: OP07-05 (06-S-01)

Project Description: This grant will be administered though the HDOT. Grant funds may be used for related media

	training, equipment purchases and media activities.
	Project Cost: \$75,000
10	Project Title: DOT Click It Or Ticket Media Campaign Project Number: OP07-05 (07-S-01) Project Description: This grant will be administered though the HDOT. We will continue to air our "Click It Or Ticket" television and radio campaigns in support of the national mobilizations. Grant funds may be used for related media training, equipment purchases and media activities. Project Cost: \$200,000
11	Project Title: Program Management Project Number: OP07-05 (08-S-01) PM Project Description: The funds will be used for program operations including reporting, monitoring, technical assistance and development of plans for occupant protection-related countermeasures. Project Cost: \$50,000
	TOTAL PROJECT COSTS: \$783,275

#### Hawaii Project Summary Sheet Federal Fiscal Year 2007

	OCCUPANT PROTECTION FISCAL SUMMARY	
OP07-05 (01-O-01)	HPD Seat Belt Enforcement	\$75,000
OP07-05 (01-H-02)	HCPD Enforcement	\$59,000
OP07-05 (01-M-03)	MPD Enforcement	\$55,800
OP07-05 (01-K-04)	KPD Enforcement	\$29,820
OP07-05 (02-H-01)	HCPD Click It Or Ticket	\$12,700
OP07-05 (03-M-01)	KIPC Maui	\$50,000
OP07-05 (04-O-01)	KIPC Oahu	\$62,150
OP07-05 (05-S-01)	UH Survey	\$113,805
OP07-05 (06-S-01)	HDOT Booster Seat Media	\$75,000
OP07-05 (07-S-01)	HDOT Click It Or Ticket Media	\$200,000
OP07-05 (08-S-01) PM	Program Management	\$50,000
Subtotal		\$783,275

# SPEED CONTROL

Excessive speed continues to be a major contributing circumstance in fatal crashes in Hawaii, resulting in 67 fatalities in 2005.

Speed on Hawaii Highways, 1999-2005

	1999	2000	2001	2002	2003	2004	2005
Fatal Crashes Involving Excessive Speed		20	29	27	29	55 66	55
Persons Killed in Speeding Crashes	23	38	32	31	69	67	69
Speeding Citations*	49,713	33,175	31,684	31,684	44,394	39,013	45,642

<sup>\*</sup>Information provided by local police departments

## Speed Control Countermeasures

#### 1 Project Title: Honolulu Police Department Speed Enforcement

Project Number: SC07-06 (01-O-01)

Project Description: To reduce the number of motor vehicle collisions resulting in fatalities and injuries caused by speeding drivers. Funds will be used to augment enforcement practices with a selected speed enforcement program through conventional and unconventional means of detecting and enforcing the traffic violation of speeding using overtime enforcement. Police will also be participating in operation "No Need To Speed," and will select high speed corridors on a quarterly basis for special speed enforcement. Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office.

Project Cost: \$66,000

#### 2 Project Title: Hawaii County Police Department Speed Enforcement

Project Number: SC07-06 (01-H-02)

Project Description: To reduce the number of motor vehicle collisions resulting in fatalities and injuries caused by speeding drivers. The HCPD will conduct approximately 150 highly visible speed checkpoints. Police will also be participating in operation "No Need To Speed," and will select high speed corridors on a quarterly basis for special speed enforcement. Funds will also be used to purchase 14 radar units in East and West Hawaii. Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office. Project Cost: \$50,000

#### 3 | Project Title: Maui Police Department Speed Enforcement

Project Number: SC07-06 (01-M-03)

Project Description: To reduce the number of motor vehicle collisions resulting in fatalities and injuries caused by speeding drivers. The MPD will use approximately 1,300 overtime hours to conduct additional enforcement at selected sites identified as speeding areas of concern. Funds will also be used to conduct overtime enforcement in Lahaina, along Honoapiilani Highway, which is a problem area for the county. Police will also be participating in operation "No Need To Speed," and will select high speed corridors on a quarterly basis for special speed enforcement. The MPD will also purchase fifteen radars and one radar speed monitor. Grant

	funds may be used for related training and equipment purchases if approved by the Highway Safety Office.  Project Cost: \$50,365
4	Project Title: Kauai Police Department Speed Enforcement Project Number: SC07-06 (01-K-04) Project Description: To reduce the number of motor vehicle collisions resulting in fatalities and injuries caused by speeding drivers. The KPD will use 400 hours of overtime enforcement via this grant at selected sites identified as speeding areas of concern. Police will also be participating in operation "No Need To Speed," and will select high speed corridors on a quarterly basis for special speed enforcement. Funds will be used to purchase four hand held laser radar units and three in car radar units. Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office. Project Cost: \$31,075
5	Project Title: Kona Heavens Neighborhood Watch – Excessive Speed Brochure Project Number: SC07-06 (02-H-01) Project Description: The Kona Heavens Neighborhood Watch group has developed a brochure to remind drivers about the consequences of excessive speeding that will be distributed by the Hawaii County Police Department to speeders. The brochure will also be distributed along with a letter from the Chief of Police to registered owners of vehicles who have been reported to the police department via the Community Road Safety Project. Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office. Project Cost: \$2,000
6	Project Title: Kauai Police Department School Zone Speed Enforcement Project Number: SC07-06 (03-K-01) Project Description: To reduce the number of motor vehicle collisions resulting in fatalities and injuries caused by speeding drivers. The KPD will conduct additional speed enforcement in school zones. Funds will be used to purchase three hand held laser radar units. Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office. Project Cost: \$10,500
7	Project Title: Program Management Project Number: SC07-06 (04-S-01) PM Project Description: The funds will be used for program operations including reporting, monitoring, technical assistance and development of plans for speed control-related countermeasures. Project Cost: \$25,000
	TOTAL PROJECT COSTS: \$234,940

#### Hawaii Project Summary Sheet Federal Fiscal Year 2007

	SPEED CONTROL FISCAL SUMMARY	Allocation
SC07-06 (01-O-01)	HPD Speeding Enforcement	\$66,000

SC07-06 (01-H-02)	HCPD Speed Enforcement	\$50,000
SC07-06 (01-M-03)	MPD Speed Enforcement	\$50,365
SC07-06 (01-K-04)	KPD Speed Enforcement	\$31,075
SC07-06 (02-H-01)	Kona Heavens Speed Brochure	\$2,000
SC07-06 (03-K-01)	KPD School Zone Speed Enforcement	\$10,500
SC07-06 (04-S-01) PM	Program Management	\$25,000
Subtotal		\$234,940

# **MOTORCYCLE SAFETY**

During 2005, 22 motorcyclists were killed in traffic crashes, an increase of 4.8%.

Only 14 of the 22 motorcyclists were wearing a helmet. Of the motorcycle fatalities, 21 or 95.5% were males. Half, 54.5%, of the motorcycle fatalities were between the ages of 30 and 45.

Motorcycles on Hawaii's Roadways, 1999-2005

	1999	2000	2001	2002	2003	2004	2005
Fatal No. of Motorcycle Crashes	16	16	14	21	14	20	22
ratal No. of Motorcycle Clashes	10	10	14	21	14	20	22
Persons Killed	16	16	14	22	14	20	22
Motorcycle Registrations	17,008	17,661	19,286	20,427	22,019	22,945	24,874
Helmet Use Observation Study							
Rider Helmeted	45.9%	40%	37.8%	43.9%	43.53%	52.14%	38.46%
Passenger Helmeted	31.7%	23%	29.8%	29.3%	42.25%	31.82%	55.26%

# Motorcycle Countermeasures

1	Project Title: Hawaii DOT – Motorcycle Safety Education Program  Project Number: MC07-07 (01-S-01)  Project Description: The HDOT will use grant funds to expand and enhance Hawaii's motorcycle safety education program to accommodate the increase of people who want or need to complete the program. Part of the funds will be used to purchase 17 motorcycles, one truck, one trailer, a parking lot sweeper and helmets to be used by students enrolled in the safety program. Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office.  Project Cost: \$100,000
2	Project Title: Program Management Project Number: MC07-07 (02-S-01) PM Project Description: The funds will be used for program operations including reporting, monitoring, technical assistance and development of plans for motorcycle-related countermeasures. Project Cost: \$10,000

	SPEED CONTROL FISCAL SUMMARY	Allocation
MC07-07 (01-S-01)	Motorcycle Safety Education	\$100,000
MC07-07 (02-S-01) PM	Program Management	\$10,000
Subtotal		\$110,000

### SAFE COMMUNITY PROGRAM

The Safe Community Program is the nucleus of the state's highway safety program. It encourages communities to take responsibility for their traffic safety problems by identifying concerns and working together to find solutions.

### 1 Project Title: Department of Transportation Safe Community Program

Project Number: SA07-08 (01-S-01)

Project Description: The HDOT has developed a Safe Community program that is used as the driving force of its highway safety program. The Safe Community program encompasses highway safety and has incorporated all facets of highway safety and the federal grants program. The Safe Community program will be expanded to include local communities and organizations that are non-typical partners, as well as the established government partners. The project staff includes three coordinator positions and one clerical position and is housed in the Highway Safety Office. Grant funds may be used for traffic safety related training and equipment purchases.

Project Cost: \$300,000

### 2 Project Title: Kona Heavens Neighborhood Website

Project Number: SA07-08 (02-H-01)

Project Description: The goal of the project is to provide easy access to accurate and reliable traffic safety information and data. The funds will be used to maintain and expand the Solutions website, which provides information about traffic statistics, motor vehicle laws and Traffic safety tips.

Project Cost: \$2,000

### **3** Project Title: DOT Traffic Safety Branch Training

Project Number: SA07-08 (03-S-01)

Project Description: The funds will be used send three representatives from the Department of Transportation's Traffic Branch to the 2007 Lifesavers Conference to gather information that may assist them in developing the Strategic Highway Safety Plan.

Project Cost: \$8,100

#### Project Title: Maui Police Department School Resource Officers Program Project Number: SA07-08 (04-M-01) Project Description: The goal of the project is to reduce the number of traffic crashes and irresponsible driving practices by high school students by conducting roadblocks at seven high school campuses. Those who are found to be in compliance with responsible driving practices will receive a reward while those who fail will be invited to participate in a Driver Education class. Grant funds may be used for traffic safety related training and equipment purchases. Project Cost: \$12,564 5 Project Title: Kauai Keiki Injury Prevention Coalition Traffic Safety Program Project Number: SA07-08 (05-K-01) Project Description: The goal of the project is to reduce the number of traffic crashes and irresponsible driving practices on the island of Kauai through education. Funds will be used to conduct a Shattered Dreams project, child safety seat inspections, booster seat education and pedestrian safety. Grant funds may be used for traffic safety related training and equipment purchases. Project Cost: \$66,875 6 **Project Title: Kauai Prosecuting Attorney – Prosecution Training** Project Number: SA07-08 (06-K-01) Project Description: The goal of the project is to improve the skills and equipment resources of the County's Vehicular Crimes Deputy Prosecutor and the Juvenile Crimes Deputy Prosecutor who are both assigned to cases involving vehicular crimes. Funds will also be used to purchase a laptop that will enable them to improve presentation of evidence and arguments to the court and/or jury. Project Cost: \$9,100 7 **Project Title: Prosecutors Training** Project Number: SA07-08 (07-S-01) Project Description: The goal of the project is conduct statewide training and meetings for deputy prosecuting attorney and the four county police departments in order to improve communication between agencies and to aid the law enforcement system in its efforts to enforce traffic offenses. Project Cost: \$33,644 8 **Project Title: Program Management** Project Number: SA07-08 (08-S-01) Project Description: The funds will be used for program operations including reporting, monitoring, technical assistance and development of plans for the Highway Safety program. Project Cost: \$20,000

\$452,283

TOTAL PROJECT COSTS:

	SAFE COMMUNITY PROGRAM FISCAL SUMMARY	Allocation
SA07-08 (01-S-01)	DOT Safe Community Program	\$300,000
SA07-08 (02-H-01)	KTSC Website	\$2,000
SA07-08 (03-S-01)	DOT Traffic Branch Training	\$8,100
SA07-08 (04-M-01)	MPD School Resource Office Program	\$12,564
SA07-08 (05-K-01)	KKIPC Traffic Safety Program	\$66,875
SA07-08 (06-K-01)	Kauai Prosecution Training	\$9,100
SA07-08 (07-S-01)	Prosecutors Training	\$33,644
SA06-08 (08-S-01) PM	Program Management	\$20,000
Subtotal		\$452,283

# PEDESTRIAN AND BICYCLE SAFETY

During 2005, 36 pedestrians were killed by motor vehicles, which accounted for 25.7% of Hawaii's traffic fatalities.

Of the 36 pedestrians killed, 17 or 47.2% were more than 65 years old. The majority of pedestrian fatalities occurred on Oahu (72.2%) followed by Hawaii County (22.2%).

The state will continue to concentrate its efforts in the area of pedestrian safety in 2007 through a coordinated education, awareness and enforcement efforts. Hawaii will also coordinate a media campaign for the Safe Routes To School program to remind drivers to slow down in school zones.

### Pedestrians in Hawaii, 1999-2005

	1999	2000	2001	2002	2003	2004	2005
Persons Killed	21	31	30	33	23	31	36

Pedestrian Fatalities by Age, 2005						
0-15	2					
16-20	1					
21-24	1					
25-34	2					
35-44	6					
45-54	5					
55-64	2					
65-74	4					
75+	13					
Total	36					

Four bicyclists were killed in 2005 in traffic crashes, a 33.3% decrease from the previous year.

No bicycle proposals were submitted for FFY 2007.

# Bicycles on Hawaii's Roadways, 1999-2005

	1999	2000	2001	2002	2003	2004	2005
Bicyclists Killed	1	1	7	4	6	6	4
Bicycle Helmet Use Rate Bicyclist	19%	22.2%	25.4%	20.3%	35%	29.6%	34%
Moped Helmet Use Rate Driver	10.9%	9.9%	8.4%	10.1%	8.1%	20.5%	16%

# Pedestrian/Bicycle Safety Countermeasures

#### 1 | Project Title: The Limtiaco Company – Walk Wise Hawaii Program

Project Number: PS07-09 (01-S-01)

Project Description: The goal of this project is to reduce fatalities and injuries for all pedestrians through creative approaches to public and target group education, training and partnerships. They will continue to partner with the Honolulu Police Department and the Department of Transportation Services. Funds will also be used to reorder safety materials such as brochures. Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office.

Project Cost: \$86,000

# 2 Project Title: Honolulu Police Department Pedestrian Enforcement Program

Project Number: PS07-09 (02-O-01)

Project Description: Funds will be used to continue an enforcement program to identify and cite motorists who violate the pedestrian right of way laws. Enforcement efforts will be in areas where data shows a high rate of pedestrian deaths. Police will also cite pedestrians who cross the roadway in violation of the pedestrian laws. The project will also include an educational component. All Oahu pedestrian projects will work together to coordinate their efforts. Grant funds may be used for related training and equipment purchases if approved by the Highway

	Safety Office.
	Project Cost: \$80,000
3	Project Title: Peoples Advocacy for Trails Hawaii – Crosswalk Audit Project Number: PS07-09 (03-H-01) Project Description: The goal of this project is to reduce fatalities and injuries for all pedestrians by completing a critical analysis of existing sidewalks and crosswalks in the Kailua Village Business Improvement District. Funds will be used to purchase a digital camera as part of their analysis. Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office. Project Cost: \$2,000
4	Project Title: Peoples Advocacy for Trails Hawaii – Pedestrian Safety Program  Project Number: PS07-09 (04-H-01)  Project Description: The goal of this project is to reduce fatalities and injuries for all pedestrians by providing pedestrian safety education to approximately 400 1 <sup>st</sup> grade students in Hawaii County. Grant funds may be used for related training and equipment purchases if approved by the Highway Safety Office.  Project Cost: \$11,260
5	Project Title: Program Management Project Number: PS07-09 (05-S-01) Project Description: The funds will be used for program operations including reporting, monitoring, technical assistance and development of plans for the pedestrian/bicycle safety program. Project Cost: \$5,000
	TOTAL PROJECT COSTS: \$184,260

	PEDESTRIAN/ BICYCLE SAFETY FISCAL SUMMARY			
PS07-09 (01-S-01)	Limtiaco Company - Walk Wise Hawaii	\$86,000		
PS07-09 (02-O-01)	HPD Pedestrian Enforcement Program	\$80,000		
PS07-09 (03-H-01)	PATH Crosswalk Audit	\$2,000		
PS07-09 (04-H-01)	PATH Pedestrian Education Program	\$11,260		
PS07-09 (05-S-01) PM	Program Management	\$5,000		
Subtotal		\$184,260		

# Section 163 Grant

### 1 **Project Title: ADLRO Evaluation** Project Number: 163-AL07-02 (01-S-01) Project Description: Grants funds were used to conduct an evaluation of Hawaii's ADLRO system. An assessment of Hawaii's ADLRO program is almost at a conclusion. This is an ongoing project due for completion in October 2006. Project Cost: \$90,000 Project Funding Source: \$90,000 (BACI-1500 (26)) **Project Title: Judges Training** Project Number: 163-AL07-02 (02-S-01) Project Description: Grants funds were used to send new District Court Judges to Judicial College to take a week-long course in traffic case management. The funding was to be used for travel and program costs. This grant has been completed. Project Cost: \$5,812 Project Funding Source: \$5,812 (BACI-1500 (36)) 3 **Project Title: Alcohol Media Campaign** Project Number: 163-AL07-02 (03-S-01) Project Description: Funds will be used to produce a DUI public service announcement. Additional funds will be used to purchase air time. This is an on-going project that is continuous

in nature. We have expended \$550,000 to date and anticipate expending the remaining \$300,000

this year.

Project Cost: \$900,000

Project Funding Source: \$200,000 (BACI-1500 (25))

\$300,000 (BACI-1500 (31)) \$300,000 (BACI-1500 (36))

\$100,000 (New)

#### 4 Project Title: Hawaii County Traffic Safety Coordinator

Project Number: 163-AL07-06 (04-S-01)

Project Description: The Traffic Safety Coordinator will provide support for existing traffic safety groups. The coordinator will also facilitate an active impaired driving prevention county task force, coordinate the Shattered Dreams program, evaluate the Intoxilyzer program and conduct an in-depth review of the ADLRO procedures to see if they can be improved. The FFY 2007 Traffic Safety Coordinator project has been transferred to 402.

Project Cost: \$22,394

Project Funding Source: \$22,394 (BACI-1500 (36))

#### 5 Project Title: Click It Or Ticket Media Campaign

Project Number: 163-OP07-05 (01-S-01)

Project Description: Grant funds will be used to update Hawaii's Click It Or Ticket radio and television public service announcements. The rest of the funds will be used to purchase radio and television air time. The main focus of this project will be the May 2006 national mobilization. This is an on-going project that is continuous in nature. Grant funds may be used for related training and equipment purchases. To date, we have expended \$625,000 so far and anticipate expending the remaining \$300,000 this year.

Project Cost: \$1,025,000

Project Funding Source: \$325,000 (BACI-1500 (25))

\$300,000 (BACI-1500 (31)) \$300,000 (BACI-1500 (36))

\$100,000 (New)

#### 6 Project Title: Booster Seat Media Campaign

Project Number: 163-OP07-05 (02-S-01)

Project Description: Funds will be used to produce a radio and television media campaign to promote Hawaii's new booster seat law. Funds will also be used to purchase air time.

Project Cost: \$100,000

Project Funding Source: \$100,000 (New)

### 7 Project Title: Speed Media Campaign

Project Number: 163-SC07-06 (01-S-01)

Project Description: This is a continuing project to develop a Speed Media Campaign. Funds were allocated in BACI-1500 (31); however, we did not implement the program in FFY 2006, therefore we are transferring the project to FFY 2007.

Project Cost: \$100,000

Project Funding Source: \$100,000 (New)

#### 8 Project Title: Highway Traffic Safety Forums

Project Number: 163-SA07-08 (01-S-01)

Project Description: The funds were used to coordinate and host the American Drivers and Traffic Safety Education Association (August 2005). We have expended all of the funds and

will close this project after all of the invoices have been completed.

Project Cost: \$120,000

Project Funding Source: \$120,000 (BACI-1500 (25))

### 9 Project Title: Driver Education

Project Number: 163-SA06-08 (02-S-01)

Project Description: The funds were used to coordinate the driver's education program for the State of Hawaii. A half-time monitor and clerical staff will be employed by the Department of Education to coordinate the initial driver education folders, training and certifications for driver education instructors. The FFY 2007 Driver Education program has been transferred to 402; however \$44,000 will remain in this grant to cover the outstanding reimbursements.

Project Cost: \$232,504

Project Funding Source: \$120,000 (BACI-1500 (25))

\$12,504 (BACI-1500 (31)) \$100,000 (BACI-1500 (36))

### 10 Project Title: Social Marketing

Project Number: 163-SA07-08 (03-S-01)

Project Description: This project was recently complete and will be phased out in FFY 2007. The SMS consultant recently completed the final surveys to determine how to best reach our target audience. The research firm will continue to assist the HDOT with testing marketing

ideas. Only \$40,000 remains in the grant.

Project Cost: \$345,000

Project Funding Source: \$345,000 (BACI-1500 (25))

### 11 | Project Title: Walk Wise/Drive Wise Pedestrian Education Program

Project Number: 163-PS07-09 (01-S-01)

Project Description: This is an on-going project. Funds will be used for media purposes, both production and air time. We will also use funds to conduct a media campaign to educate the public about Hawaii's new pedestrian law. There is no change in funding for this project. To date, approximately \$387,000 has been spent.

Project Cost: \$575,000

Project Funding Source: \$75,000 (BACI-1500 (26))

\$312,000 (BACI-1500 (31)) \$68,000 (BACI-1500 (36))

\$120,000 (New)

#### 12 | Project Title: Pedestrian Manual Update

Project Number: 163-PS07-09 (02-S-01)

Project Description: This is an on-going project. We also plan to expend funds to update the current pedestrian manual for the Department of Transportation Services (DTS). There is no change in funding for this project. DTS is currently in the process to select a vendor.

Project Cost: \$100,000.00

Project Funding Source: \$100,000 (BACI-1500 (36))

TOTAL PROJECT COSTS: \$3,616,250

TOTAL FUNDING SOURCE: \$1,110,000 BACI-1500 (25)

\$165,000 BACI-1500 (26) \$924,504 BACI-1500 (31) \$896,746 BACI-1500 (31)

\$520,000 New

	163 Program Areas	Allocation	BACI-1500 (25)	BACI- 1500 (26)	BACI-1500 (31)	BACI-1500 (36)	New
163-AL07-02 (01-S-01)	ADLRO Evaluation	\$90,000		\$90,000			
163-AL07-02 (02-S-01)	Judges Training	\$5,812				\$5,812	
163-AL07-02 (03-S-01)	Alcohol Media Campaign	\$900,000	\$200,000		\$300,000	\$300,000	\$100,000
163-AL07-08 (04-S-01)	Hawaii County Traffic Safety Coordinator	\$22,934				\$22,934	
163-OP07-05 (01-S-01)	Click It Or Ticket Media Campaign	\$1,025,00 0	\$325,000		\$300,000	\$300,000	\$100,000
163-OP07-05 (02-S-01)	Booster Seat Education Program	\$100,000					\$100,000
163-SC07-06 (01-S-01)	Speed Media Campaign	\$100,000					\$100,000
163-SA07-08 (01-S-01)	Highway Traffic Safety Forums	\$120,000	\$120,000				
163-SA07-08 (02-S-01)	Driver Education Program	\$232,504	\$120,000		\$12,504	\$100,000	
163-SA07-08 (03-S-01)	Social Marketing	\$345,000	\$345,000				
163-PS07-09 (01-S-01)	Pedestrian Education Program	\$575,000		\$75,000	\$312,000	\$68,000	\$120,000
163-PS07-09 (02-S-01)	Pedestrian Manual	\$100,000	47			\$100,000	
Subtotal		\$3,616,25 0	\$1,110,000	\$165,00 0	\$924,504	\$896,746	\$520,000