

# ***OFFICE OF HIGHWAY SAFETY***

***Department of Public Works***

***Government of Guam***

## ***Performance Evaluation Report***

***Fiscal Year 2008***

***Highway Safety Plan***

### **Section 402 Grant Activities**

**Funded by the U.S. Department of Transportation,  
National Highway Traffic Safety Administration, Region IX**

The Guam Department of Public Works Office of Highway Safety is committed to improving safety and security on Guam's roadways through the administration of federal funds, the development of countermeasures to combat unsafe driving behaviors, and the collection and analysis of crash data.

The Guam Office of Highway Safety currently consists of one (1) Acting Highway Safety Coordinator, two (2) Program Coordinators and one (1) Data Entry Clerk II, who all serve as a resource to many different customers including the State and local public and private organizations, and approximately five sub-grantee agencies.

The Guam Office of Highway Safety fulfills its mission through a variety of public information/education and enforcement initiatives. OHS staff members are committed to expanding our partnerships with agencies statewide, including the Guam Police Department - Highway Patrol Division; the Department of Public Health & Social Services; the Department of Revenue & Taxation - Motor Vehicle Division; the Superior Court of Guam; the Office of the Attorney General; the Guam Fire Department; and the Department of Mental Health & Substance Abuse. We believe it is through these vital statewide links that effective promotion of safe driving practices will be accomplished.

### **I. OVERVIEW**

During this reporting period, the Section 402 grant funded programs as contained in Fiscal Year 2008 Highway Safety Plan, which are 100% federally reimbursable by the U.S. Department of Transportation, National Highway Traffic Safety Administration, and implemented in Guam by the Office of Highway Safety (OHS), Department of Public Works, were designed to save lives by reducing the incidence and severity of vehicular crashes.

The transportation safety-specific grant activities during Fiscal Year 2008 included:

1. Alcohol & Other Drugs Countermeasures
2. Occupant Protection/Child Passenger Safety
3. Selective Traffic Enforcement Program
4. Emergency Medical Services
5. Roadway Safety
6. Planning & Administration
7. Public Information & Education
8. Youth Alcohol/Drug-Free Program
9. Safe Communities
10. Pedestrian/Bicycle Safety
11. Data Incentive Program (411)
12. Child Passenger Protection Education - Section 2003(b)
13. School Bus Safety
14. Data Program (408)
15. Safety Belts Incentive (406)

During this reporting period, OHS achieved maximum exposure of its highway safety enhancement efforts coupled with further strengthening its long-established professional rapport with all media sources while maintaining open communications with public and private sector members of the Highway Safety Coalition Network.

Guam's 2008 Annual Evaluation Report reflects our major accomplishments in impacting our priority areas, and highlights the programming initiatives undertaken to increase public awareness about highway safety. Throughout the coming year, we will continue in our quest to achieve our outlined goals in each priority area, to identify additional highway safety partners, and work toward improving Guam's data collection and analysis processes.

## **II. 2008 STATESIDE BENCHMARK REPORT ANALYSIS**

### **A. Performance Goals/Results**

This section addresses Guam's progress towards achieving 2008 HSP "Benchmark Report" performance goals. It is important to note that Guam's Section 402 funding was partially received in October 2007 and total funding was granted later in April 2008. Guam continually strives to meet its performance goals as set forth in the 2008 HSP "Benchmark Report" with resources available either through funding, equipment, manpower services or government budgetary constraints implemented locally that affect Section 402 funds.

## Overall Program Goal

To reduce the incidence and severity of vehicular crashes on Guam and **save people's lives.**

### B. Program Area Goals

The goals set forth for Guam in FY '08 are identified biennially and consists of the following program areas:

#### 1) Alcohol and Other Drugs Countermeasures:

- ➔ To conduct presentations about alcohol and other drugs to 100% of all public and private, elementary, middle, and high schools during School Year 2007-2008:

*Results:* The Office of Highway Safety along with the Partners for Highway Safety was able to reach at total of eleven (11) elementary public schools, three (3) middle schools; two (2) of the high school levels; four (4) middle private schools; five (5) private elementary schools and six (6) government/civic organizations. Unfortunately, we were not able to conduct presentations to the remaining public and private schools due to schedule conflicts with the schools FY08 calendar programs.

### *Goals and Performance Measures*

YEAR	TOTAL DUI CRASH	TOTAL FATALITIES	DUI RELATED	TOTAL DUI	PERCENTAGE
2002	163	13	6	972	47%
2003	85	25*	6	608	24%
2004	61*	14	7	538*	50%
2005	103	24	11	817	46%
2006	233	13	4	836	31%

- To increase the DUI checkpoints biennially from 30 to 35 at 5 different locations identified as high DUI/DWI crash sites during the fiscal year period and to increase enforcement in detection and apprehension of DUI violators to reduce the number of crashes in which alcohol or drugs are primary contributing factors:

*Results:* A total of 36 DUI checkpoints in areas of high traffic locations were conducted in 2008. Sixty four (64) DUI roving in alternate roads used by drivers that know about DUI checkpoints was also conducted in 2008. The roving locations were based on crashes where DUI arrests have been made as well as fatal and serious crashes occur.

- To continue to implement Designated Driver Program on high-risk season and holidays.

*Results:* The Department of Mental Health & Substance Abuse had sponsored a Designated Driver Program during the Thanksgiving and Christmas Holidays. They worked closely with the bar/club establishments and Operation Heat.

- To reduce DUI related fatalities from 4 reported in 2006 to 3 in 2007.

*Results:* The total number of DUI related fatalities increased from 4 in 2006 to 12 in 2007.

Thirty-eight percent (38%) of the DUI related fatalities were pedestrians under the influence of alcohol based on statistics accumulated by the Guam Police Department - Highway Patrol Division. Statistics shows that the pedestrian was impaired and was from the outer islands. More community outreach is needed to educate the community-at-large; most especially our outer islanders. They are not well-versed with the laws of Guam pertaining to impaired driving.

- To reduce DUI crashes from 233 reported in 2006 to 223 in 2007.

*Results:* In FY2007 there were a total of 281 DUI crashes reported compare to FY2006 report of 233. It is our belief that more comprehensive approach should be made to decrease the number of D.U.I. crashes. More aggressive approach and high-visibility enforcement will be conducted in FY2009.

- The Guam Police Department will continue to concentrate on reducing the number of youth arrests involved in DUI crashes biennially by conducting DUI checkpoints during the holiday season, school functions, and graduation.

*Results:* The Guam Police Department maintains its mission and objective to effectively conduct weekend DUI checkpoints during the holiday season, school functions, and during graduation. According to statistics on crashes indicates the age and gender of violators were 25 years and over.

Inasmuch of the delay of funding release and processing of documents to the Guam Police Department for their DUI and Counter Drug Program for FY2008, the Highway Patrol actively pursues its program mission with what available resources it has to consistently remain focus on highway safety.

**Initiatives:** Governor's Holiday Crisis Hotline; DUI Enforcement Training Initiatives; DUI Enforcement Mobilizations; Operation DUI; and Operation HEAT. These are just some of the steps Guam has taken to reduce the incidence of impaired driving. The networking relations between government department and agencies, private sector and non-profit groups, resulted in the significant decrease in alcohol related deaths and crashes that occur on our roadways. It is our belief that this comprehensive approach is the best, most effective way to combat the problem of impaired driving.

## 2) Occupant Protection/Child Passenger Safety:

- ➔ Was there an increase in adult usage rate from 81% recorded in 2007 to 85% in CY2008 and was there an increase in child restraint usage from 70% to 75% biennially through CY2007-2008?

**Results:** A formal survey conducted in 2008 by the University of Guam students indicates a slight increase in children four (4) years and under being properly restrained in a child restraint system from 70% in 2007 to 71% in 2008. In the observation of the adult drivers showed 85% of adult drivers were complying with the Guam Seatbelt Law in 2008, an increase from 2007, which showed 81% of adult drivers were complying. The Department of Public Works - Office of Highway Safety along with the Partners for Highway Safety will continue to increase their public information and educational campaigns in conjunction with the high visibility seat belt enforcement. Due to window tinting, reliable child restraint results are difficult to obtain. Child Restraint use on Guam is an extremely difficult measure; however, parents were observed placing children into their vehicles using proper child restraints.

SEAT BELT PERCENTAGE USAGE – DRIVERS & ADULT PASSENGERS			
2008	2007	2006	2005
85%	81%	85%	85%

RESTRAINT USAGE: INFANT AND CHILDREN			
2008	2007	2006	2005
71%	70%	75%	68%

ANNUAL SEAT BELT CITATIONS ISSUED					
YEAR	2008	2007	2006	2005	2004
Adults	861	567	851	862	822
Child (12 & under)	244	254	288	276	256
Total Seat Belt Citations	1,105	821	1,139	1,138	1,019

- ➔ To conduct and participate in at least ten (10) displays and exhibits at Guam's shopping center targeting all age levels (adults and children).

**Results:** The Office of Highway Safety together with the Partners for Highway Safety participated in six (6) mall displays/exhibits. In addition, static displays were done at the Youth for Youth Conference in May of 2008, EMS Week, Police Week, and during the Healthy Mother, Healthy Babies Fair.

- ➔ Increase the Guam Police Department's high-visibility enforcement activities to include scheduled seat belt checkpoints.

**Results:** During the Click It or Ticket Campaign, the Guam Police Department was able to conduct 40 Seat Belt Checkpoints, in which 1,105 citations were issued.

- ➔ Increase public information and education of the benefits of seat belt/child safety seat usage for adults and children. In addition, the Department of Public Works - Office of Highway Safety together with the Guam Police Department - Highway Patrol Division, and the Department of Public Health & Social Services - Emergency Medical Services for Children, are currently permanent fitting stations and have conducted numerous inspections at their facility, as well as presentations at various schools, daycare centers, private entities, military personnel and community meetings.

*Results:* In FY2008, the Office of Highway Safety along with the Partners for Highway Safety conducted six campaign waves, conducted trainings to the Guam Memorial Nurses on child restraint systems and seat belt safety, and the Guam Public School System - Head Start Division. A total of 120 parents, nurses, and clients were present. More educational presentations will be conducted in 2009 to other non-profit organizations, government agencies/departments, and military installations.

→ Conduct a formal quantified seat belt survey by a respective consultant.

*Results:* Again, the students from the University of Guam was able to conduct a formal survey, which resulted in 71% of children being restrained and 85% of adult drivers were complying with the Guam Seat Belt Law.

→ Child Traffic Safety Presentations to 100% of the island's public and private elementary schools during school year 2007-2008.

*Results:* The Partners for Highway Safety conducted twenty six (26) seat belt presentations to head start, elementary school children and four (4) private elementary schools and three (3) middle high schools.

→ To continue to provide for child restraint devices for at least 200 children from newborn to 80 pounds to increase the usage and educate the adults in the proper usage and installation.

*Results:* A total of 200 child restraints were issued during the Child Passenger Safety Check-up Events held at Triple J Auto parking lot, Cost U Less, K-mart, and the Micronesian Mall. Child Restraints were also issued by the Guam Police Department - Child Passenger Technicians to those who were cited for child restraint violation. Booster Seats were on the top of list of issuance because Guam does not have a booster seat law. Many of Guam's children graduated from Convertible Child Restraints to the regular seat belts in a vehicle. Most of the children were too small to use the seat belt in the vehicle.

**In addition, funding was not provided to the Guam Police Department for their Child Traffic Safety Program because the delay in the establishment, appropriating, and modifying of accounts for FY2008.**

**Initiatives:** Child Passenger Safety Week; Click It or Ticket Enforcement and Education Campaign; Statewide Observational Seat Belt Survey; Permanent Fitting Station; and Child Passenger Safety Technician Training. All campaigns were geared to education and enforcement. A total of 6 Car Seat Inspections was conducted thus far. In May and June of 2008, the Office of Highway Safety along with the Guam Police Department coordinated several high visibility "Click It or Ticket" campaign. Over \$10,000 in paid

media supported the enforcement efforts, including TV and radio ads, plus walking billboards.

### 3) Police Traffic Services:

➔ To decrease speed-related crashes by at least 20 crashes biennially in CY2007-2008.

**Results:** In FY2008, a total of 6,920 crashes were recorded and 6,641 crashes recorded in 2007. This is an increase of 6.5%. The Guam Police Department - Highway Patrol Division conducted numerous stationary and roving (Laser/Radar) enforcement in areas identified through fatality statistics and areas identified to have a high volume of vehicular traffic. Even with multiple tasks assigned to the officers by upper management, which includes but not limited to training, follow-ups, prevention and education, the HPD will continue to be vigilant in attempting to reduce traffic crashes, DUIs, and inclusive with the increase of seatbelt usage on Guam's roadways. The Selective Traffic Enforcement Program (STEP) radar selective checkpoints were increased to 115, which was conducted throughout 2007-2008.

➔ To reduce the number of injury-producing crashes due to reckless/speed driving by 10% through CY2007-2008.

**Results:** In 2007, a total of 6,641 crashes were recorded and 6,920 crashes recorded in 2008.

Year	Yearly Traffic Crashes Recorded	Speed/Imprudent Driving Related	Total Crashes With Injuries	Total Traffic Fatalities
2004	6,561	2,862	1,018	14
2005	6,587	(not available)	908	24
2006	6,250	(not available)	913	13
2007	6,641	(not available)	886	25
2008	6,920	5,593	(not available)	8

With the shortage of civilian staff at the Planning & Research Development, statistics are gathered manually. In addition, now with the additional 14 officers within the HPD, operations and administrative assignments go hand in hand and are included in their daily operations to effectively assist when needed on the civilian support.

**Checkpoints:** The Guam Highway Patrol is currently now upgraded in manpower services and they are diligently working in conducting STEP on Guam's roadways to rid our island of aggressive drivers, speedsters and drunk drivers for the benefit of the



overall community. The increase of enforcement and education can remedy the problems of DUI and speeding on Guam's roadways. The Guam Highway Patrol identifies specific roadways based on high crash locations for the STEP enforcement.

**Initiatives:** Operation Blue Fire and Operation HEAT. The dangers associated with speeding/imprudent driving remain ever so present in areas where selective traffic enforcement activities and radar/laser checkpoints are not actively being conducted. The two campaigns will target those areas.

#### **4) Emergency Medical Services:**

\*Were EMS personnel trained and provided rescue equipment to assist in lifesaving methods during operations at crash-site island wide? Were response times decreased from 10-15 minutes to 5-7 minutes?

**Results:**

Unfortunately funding was not available for the Department of Public Health and Social Services and the Guam Fire Department for their projects in FY2008. However, they continue to strive to meet their goals and objectives with funds available to them from the local government.

Response time for arrival at crash sites have shown an increase in first-responder responses that show mobile vehicles to get to the crash sites much quicker than ambulance personnel stationed at various locations island wide.

#### **5) Safe Communities**

\*Were there an increased number of coalition members engaged in traffic safety countermeasures creating greater awareness in the reduction of traffic fatalities and injury-producing crashes for Guam?

**Results:**

Currently, the Highway Safety Coalition network comprised of many Government of Guam departments and agencies (both autonomous and line agencies), various private sector businesses and several non-profit groups, and the military, joined together to enhance safe communities and reduce traffic incidences on fatalities and injuries occurring on our roadways.

There are over 75 active coalition members from the cross-segments of our government who are working diligently and are very dedicated to the enforcement of traffic safety on Guam. We have identified 4 major districts on Guam who have formed a cohesive network and have worked diligently throughout CY2008 to promote traffic safety as a

"high priority". The Office of Highway Safety continually strive to increase the number of members involved in highway safety activities and combine available resources for the benefit of the people of Guam.

## SUMMARY OF ACCOMPLISHMENTS

### 1. *Alcohol & Other Drugs*

Alcohol and Other Drugs continued their recognized trend as the significant factors in motor vehicle crashes, especially those crashes resulting in deaths and serious injuries.

In 2008, there were eight (8) traffic fatalities recorded, three (3) of which were DUI related. In 2007, Guam recorded a total of 12 traffic fatalities, 5 of which were DUI related. The decrease in alcohol related fatalities can be attributed to the effective enforcement from the Highway Patrol vigorously performed.

With available funding, OHS, the Guam Police Department, the Office of the Attorney General, and the Superior Court of Guam placed major emphasis on continuing a full range of information, education, and enforcement countermeasure activities to reduce the motoring public's exposure to those drivers under the influence of alcohol or drugs. The Guam Police Department - Highway Patrol Division conducted 6 Standardized Field Sobriety Test Training in 2008, wherein G.P.D. enforcement officers, Navy Security and Airport Police Security attended.

With a staff of 25 Traffic Investigators, two (2) Police Sergeants, and one (1) Lieutenant, who is also the Division Chief, the Guam Police Department-HPD continued to conduct both Operation DUI sobriety checkpoints and selective enforcement island wide to deter drunk and drugged drivers from impacting the safety of the motoring public.

Displays and exhibits were presented throughout the year in the elementary, middle, and high school level of the public school system as well as in shopping centers island wide. Actual field sobriety testing demonstrations were conducted at the island's middle and high schools during promotional activities for drug-free lifestyles. Public service announcements saturated the electronic media sources to pass on such messages as "**DRUNK DRIVING...OVER THE LIMIT...UNDER ARREST**", and to emphasize the lethal consequences of driving under the influence.

Among the highlights in 2008 was the youth conference that was organized by the Youth for Youth Organization and held at the Guam Hyatt Regency Hotel during the month of May. This highly publicized activity featured guest speakers from various professions dealing with the problems associated with alcohol and other drugs.

During this period, awareness campaigns were conducted in conjunction with both local and national promotional programs such as 3-D (Drunk and Drugged Driving) Month,

the Holiday Crisis Hotline, Youth Month, Police Week, Public Works Week, Red Ribbon Week, Buckle Up Month, Child Passenger Safety Awareness Week, and Safe Kids Week.

*GPD conducted a total of 100 DUI checkpoints, which includes stationary and saturation patrols. In 2007 a total of 731 DUI arrests were made and 684 recorded in 2008, which shows a significant decrease, which may be contributed to the increase Public Information and Education and the high visibility enforcement. Guam will continue to reduce impaired driving in Guam's roadways by increasing DUI checkpoints from 35 to 40, to increase arrests and reduce alcohol related fatalities. We will continue sending enforcement officers to off-island training, conferences, and/or meetings to enhance their knowledge and experience on all aspects of DUI enforcement. We will also continue the overtime funding for enforcement activities to deter motorists from driving drunk. We will continue to purchase necessary equipments to be utilized by OHS and GPD and increase public education and information on the dangers of drinking and driving.*

## **2. Occupant Protection/Child Passenger Safety**

Section 402 grant funding was used to implement projects aimed at informing and educating the general public about the advantages of using safety belts and child restraint systems for the protection of all vehicle occupants.

Guam's Seatbelt Law (Public Law 18-45) mandates the usage of seatbelts or federally approved child restraint devices in cars, vans and pickup trucks by drivers and front seat passengers, as well as all children less than 12 years of age.

The Guam Office of Highway Safety, Department of Public Health & Social Services (Emergency Medical Services for Children), Guam Highway Patrol, Guam Fire Department, and the Guam Police Community Relations Section, was able to conduct a total of 46 presentations to children at the daycare and elementary levels, during community functions, at shopping centers and nurseries to generate a greater awareness about the legal requirements and to promote the proper usage of child restraint systems.

A multitude of occupant protection informational materials such as wall posters, stickers, brochures, and "walking poster" were distributed island wide to ensure public awareness about the benefits of using occupant protection devices. The Office of Highway Safety along with other GovGuam Departments and Agencies and the Guam Highway Patrol are working diligently in producing PSA's and promoting safety awareness campaigns to increase child usage rate that has increased slightly from over 70% to 71% as indicated on the 2008 Formal Survey conducted by UOG.

The Guam Highway Patrol conducted "*Operation Buckle Down*" checkpoints at schools and day care nurseries to alert, educate and cite violators for non-compliance with the Seatbelt Law. Small rewards were given to those passengers who were using their restraint devices.

Additionally, during Child Passenger Safety Awareness Week (September) and Buckle Up Guam Week and Click It or Ticket Week (May/June) over 100 committee members to include CPS Technicians conducted several public information and education PSA's and addressing Occupant Protection issues either through electronic media or published articles in the Pacific Daily News.

The Office of Highway Safety conducted training for volunteers who are active promoters for the proper use of child restraints who in turn conducted presentations at their respective schools and/or nurseries. O.H.S. conducted cooperative training with the Department of Education, Head start Division and the Salvation Army on child restraint systems and safety in a vehicle. These training were received by over 80 parents, teachers, and private citizens. Emphasis was placed on the dangers of airbags and preventative measures that can be taken to prevent serious airbag-related injuries.

*Guam will continue to address the Guam Seatbelt Law by increasing the usage of child restraint usage from 80% to 85% by increasing seatbelt enforcement as well as conducting more public information and education activities.*

### *3. Selective Traffic Enforcement*

The Guam Police Department's Highway Patrol conducted numerous standard field sobriety tests and selective radar enforcement activities island wide during traffic checkpoints to deter speeding, drunk & drugged driving, and to enforce Seatbelt usage.

With the implementation of "*Operation Blue Fire* and "*Operation Buckle Down*" by the Guam Police Department, more officers are reaching out to the public distributing highway safety materials on safety belt usage, airbags, child restraint devices and alcohol & drug countermeasures to keep motorists aware of safety instruments in their vehicle, and to rid Guam's roadways of drunk & drugged drivers.

The Guam Highway Patrol continues to conduct traffic safety classes at the public middle and high school levels, as well as at community & social functions to inform and educate the public about alcohol and other drugs countermeasures, speed enforcement, and occupant protection/child passenger safety measures. In 2008, the Guam Police Department - Highway Patrol Division conducted four (4) Laser Training consisting of 73 enforcement officers from G.P.D and four (3) EVOC courses to several law enforcement officers.

Through off-island training of police personnel, procurement of additional police cruisers, parts for speed detecting devices, radar, and radios, the objectives and goals of the program were diligently pursued. Traffic enforcement is a crucial element in the reduction of severe alcohol-related cases on our roadways.

Pamphlets and brochures were produced and distributed island wide to encourage public awareness about the dangers of driving under the influence and to inform and educate drivers about Guam's Seatbelt Law (P.L. 18-45) and Guam's Safe Streets Act (P.L. 22-20).

*Guam will continue to reduce traffic crashes by increasing their high visibility enforcement, conduct public education, and provide training to GPD officers to reduce traffic crashes.*

#### **4. Emergency Medical Services**

In 1977, Guam Public Law 14-11 mandated the development of an island-wide system of emergency medical services to meet the pre-hospital trauma needs of the Territory's multi-ethnic communities.

Since then, traffic crash response efforts have been centered on the development of basic and advanced training curricula for emergency medical technicians, the certificated training of rescue response personnel, coupled with upgrading the standards of ambulance & specialty rescue equipment.

Presently, with both Guam Fire Department and U.S. Armed Forces field medical units on 24-hour standby status for traffic crashes, the EMS system involves the response to traffic crashes, pre-hospital treatment, and ambulance transport to the appropriate medical facility.

Emergency medical technicians from the Guam Fire Department administered pre-hospital care at the scene to over 3,000 injured victims prior to ambulance medivac. There were eight recorded traffic fatalities during this reporting period.

In spite of OHS' efforts to further improve the EMS system by providing rescue personnel with extrication devices such as the Jaws of Life, cut-off saws and power units, increasing the number of EMT as well as upgrading their certification levels, OHS achievements in this specialty area were short-changed by the lack of management support for continuous personnel development training from the rotating hierarchy of the Guam Fire Department.

*Guam will continue to improve their EMS response to injury related traffic crashes by purchasing necessary extrication equipment and OHS will assist them in the public awareness activities.*

#### **5. Roadway Safety**

Section 402 funding was obligated for materials and supplies and equipment to meet the needs for implementing roadway improvements.

In spite of OHS' efforts to further improve the EMS system by providing rescue personnel with extrication devices such as the Jaws of Life, cut-off saws and power units, increasing the number of EMT as well as upgrading their certification levels, OHS achievements in this specialty area were short-changed by the lack of management support for continuous personnel development training from the rotating hierarchy of the Guam Fire Department.

*Guam will continue to improve their EMS response to injury related traffic crashes by purchasing necessary extrication equipment and OHS will assist them in the public awareness activities.*

## 5. Roadway Safety

Section 402 funding was obligated for materials and supplies and equipment to meet the needs for implementing roadway improvements.

Numerous speed studies and traffic counts were made to evaluate such factors as speed limits, signal warrants and road designs. Traffic counters were continuously used to monitor the speed of traffic and to evaluate the effectiveness of speed humps at several locations. To simplify the replacement of signs lost during Guam's typhoons, the CHIP Highway Inventory continue to be upgraded as highway improvements were completed.

Using traffic pre-empt controls and visual locking monitors, pilot projects at high hazard locations were implemented. Pavement marking field testing continued in an effort to determine the durability as well as the reduction in reflectivity due to wear and exposure to intense ultraviolet light.

*The Department of Public Works - Office of Highway Safety and the Division of Engineering will work closely with the Guam Police Department in distinguishing the locations of crosswalks and marking them accordingly to federal highway regulations. These crosswalks will decrease the number of pedestrian fatalities on Guam's roadways.*

## 6. Planning & Administration

The Office of Highway Safety was tasked with the responsibility of administering the Section 402 grant activities as contained in the Highway Safety Plan.

As a continuing process, off-island training for OHS staff members and the Governor's Highway Safety Representative continued for personal and professional development in the administration of OHS projects.

The procurement of printed promotional materials has been an on-going activity every year. Through its administration of the Highway Safety Plan, OHS was able to create greater public awareness of occupant protection systems, alcohol & other drug

countermeasures, and focus on the hazards of drunk & drugged drivers. In addition, OHS continue to network with the Attorney General's Office and the Guam Legislature to ensure that key legislation to enhance the highway safety measures received support, public awareness, and the import they are due.

*The Office of Highway Safety will continue to implement and monitor its federal highway safety funding and program areas. They will send staff to training on highway safety management and financial training to improve their skills to better manage their safety programs.*

## **7. Public Information & Education**

This program focused on creating public awareness of Seatbelt safety and child restraint devices to include drugged and drunk driving countermeasures.

Major emphasis was placed on providing on-site demonstrations at child day care centers, Head start classes, kindergarten classes, and elementary level classes regarding safety guidelines when securing infants and children within federally approved infant safety seats, toddler seats and booster seats. The Seatbelt demonstrator model was used by OHS staff when addressing audiences comprised of elementary school children.

During the 2008 calendar year, and in conjunction with safety personnel from the Guam Fire Department, the Guam Police Department, the Department of Public Health & Social Services/Health Education Office, a total of 25 child safety seat and Seatbelt demonstrations for staff & parents were conducted at child day care centers and elementary schools.

Hence, of the 17,284 children enrolled in the elementary level of the public school system, the highway safety coalition members was not able to meet their goals and objectives this fiscal year because of the shortage of staff and other assignments given to the members that prevented them from meeting the goals.

Because of the increasing demand from both public & private schools for orientations regarding seatbelts and other traffic safety concerns (e.g. pedestrian, cycling, rollerblading and school bus safety), OHS intends to qualify selected personnel from all public & private schools so child safety seat and Seatbelt demonstrations can be conducted by trained school personnel during the teacher orientations at the opening of each new school year, as well as during scheduled safety activities during the calendar school year.

This training activity will be conducted by certified child passenger safety technicians from the Office of Highway Safety, the Guam Highway Patrol, Guam Fire Department, and the Department of Public Health & Social Services.

Frequent radio announcements, radio talk show interviews, television PSA's, printed materials and print media coverage greatly assisted OHS in keeping the community aware of highway safety issues. Posters, fliers, key chains, and stickers were procured and distributed island wide to inform and educate the public about drunk/drugged driving countermeasures, safety belts, airbags, and child restraint systems.

Some of the key events that OHS planned and/or observed were:

* Buckle Up Week	May
* Click It or Ticket	May
* Youth Month	May
* Police Week	May
* Public Works Week	May
* Emergency Medical Services Week	September
* Child Passenger Safety Awareness Month	September
* Red Ribbon Month	October
* School Bus Safety Week	November
* Drunk & Drugged Driving Month (3-D's)	December
* Holiday Crisis Hotline	December

The Office of Highway Safety networked closely with other Government of Guam agencies, non-profit organizations, the private sector, and military units to disseminate information and to educate the public about highway safety issues and concerns that affect all of us in one way or another, and in keeping our roadways a safer place to drive.

Information leaflets and other printed public information materials were distributed to Parent-Teacher Organizations (PTO) for elementary, middle, and high school levels (private and public) students and faculties; this also included the Guam Community College and the University of Guam. Additionally, information on seatbelt safety, stickers, posters, etc., was distributed to 100% of listed island day-care centers during Child Passenger Safety Awareness Week.

By investing in the upgrade of personnel skills, procuring materials, supplies and crucial equipment, and a strong public information campaign, the Office of Highway Safety has performed a much needed public service in saving lives and reducing serious injuries in auto crashes.

*The Office of Highway Safety along with the Partners for Highway Safety will continue to educate...educate...and educate the public on all areas of highway safety.*

## 8. Youth Alcohol

Grant funding was made available to the Office of Highway Safety for the Youth for Youth Program. The main emphasis of this program was to create awareness amongst the



youths of Guam about the dangers of drugs/alcohol, impaired driving, and being under the influence of drugs & alcohol.

Presentations continued to be conducted at public & private middle and high schools to educate and encourage our teens to lead drug-free lifestyles. Public service announcements were produced for the youth target audience pertaining to drugs & alcohol and the dangers involved when a person becomes addicted to these menaces.

Demonstrations by the Youth for Youth group continue to be conducted in schools for their peers as a mean of emphasizing the consequences involved when coming into contact with drugs & alcohol. OHS continued to provide promotional materials at these functions which encourage youths to lead drug-free lifestyles.

Other villages are becoming more concerned about our dilemma regarding drugs/alcohol involving teens. This has prompted an upsurge in the formation of peer groups and clubs in the schools to educate all youths about alcohol/ drugs countermeasures. OHS, Guam Police and the Department of Mental Health & Substance Abuse are all contributing their time and expertise in assisting these villages start their programs for the benefit of Guam's youth.

*Guam will continue to reduce the number of youth DUI arrests and crashes by conducting more educational outreach, especially during the holidays, balls, and graduation. High visibility DUI enforcement will be concentrated during these events.*

## 9. *Safe Communities*

The morbidity and mortality rates in Guam mirror those of the United States, although Guam is only semi-metropolitan in nature. Deaths due to motor vehicle crashes are the fifth leading cause of death in Guam.

Although the Guam Seatbelt Law and the Safe Streets Act have become law to reduce motor vehicle-related injuries and deaths, the upsurge of traffic crashes continues.

In keeping with the vested responsibilities of the Department of Public Health & Social Services, standards for data collection and surveillance requirements will be developed to effectively analyze the incidence of traffic crash injuries in Guam. Hence, this program will establish an injury surveillance system, establish coalitions that advocate injury prevention, and ensure the continuance of public education and intervention activities co-sponsored by all involved coalition members which are critical and must be addressed immediately.

*Guam will conduct more educational meetings with the communities, most especially, with members from the outer islands (Micronesian and Asian cultures) on highway safety*

*issues. OHS will coordinate with the Safe Community Coalition and implement campaigns to promote public awareness on highway safety.*

#### **10. Pedestrian/Bicycle Safety Program**

In 2008, the total number of pedestrian fatalities was three (3). Enforcement efforts were focused in areas with the highest incidence of pedestrian fatal crashes to specifically target the at-risk population. This year efforts were refocused to provide public information and education materials to the community, and to encourage pedestrian enforcement efforts in communities where crashes involving pedestrians were occurring.

*The Department of Public Works - Office of Highway Safety and Division of Engineering along with the Guam Police Department will continue to focus their efforts in high crash areas, at significant times of the year, so that we can further reduce fatalities.*

#### **11-12. Data Incentive Program**

The absence of comprehensive statewide data on injuries and fatalities resulting from motor vehicle crashes has hindered an efficient problem identification process.

The Island wide Traffic Safety Information System consist of Five (5) Phases: 1) Crash Reporting System Component; 2) Guam Citation System Components and Department of Public Works Components; 3) Guam EMS and Fire Department System Components; 4) System Integration Component; and 5) Web-Based Reporting Tools. This System will produce relevant data that can be used to support highway safety and injury prevention initiatives.

*The Traffic Records Coordinating Committee will continue to implement a statewide integrated data collection system to allow for comprehensive analysis to all traffic crashes and thus improve the problem identification and decision-making capabilities.*

#### **13. Highway Safety Personnel Development Training**

Please see attachment "A"

#### **14. Problems Encountered**

*Guam Office of Highway Safety and its sub-grantees continued to strive and meet their performance goals as set forth in the 2008 Highway Safety Plan, despite the shortage of manpower and the continued delays of processing of documents. Predicaments surrounding our economic conditions globally and locally have crippled our already strained OHS financial outlook. The recent "hold status" that was enforced on OHS grant funding restricted our financial maneuverability.*

### 13. *Highway Safety Personnel Development Training*

The following personnel attended Section 402 Grant funded training during this period:

- ⇒ **December 11-14, 2007** - Travel to Oklahoma City, Oklahoma for the Highway Safety Program Management. The following representatives attended: Joaquin R. Blaz (DPW), George Tydingco (DPW), and Leopoldo Olnagan (DPW).
- ⇒ **January 15-18, 2008** - Travel to Saipan, Commonwealth of the Northern Mariana Islands to attend the Standardized Child Passenger Safety Technician Training. The following representatives attended: Daniel D. Cepeda (GPD), Lynn Okada (DPH&SS), Barbara Besebes (DPH&SS) and Marlene Carbullido (DPH&SS).
- ⇒ **April 11-12, 2008** - Travel to Portland, Oregon to attend the Safe Travel for All Children Training. The following representatives attended: Therese C.D. Matanane (DPW) and Claire M. Meno (DPW).
- ⇒ **April 13-15, 2008** - Travel to Portland, Oregon to attend the 2008 Lifesavers Conference. The following representatives attended: Andrew Leon Guerrero (DPW), Jesse G. Garcia (DPW), Joaquin R. Blaz (DPW), Therese C.D. Matanane (DPW), Claire M. Meno (DPW), Stephen C. Ignacio (GPD), and Edward G.D. Perez (GPD).
- ⇒ **April 16-18, 2008** - Travel to Monterey, California to attend the NHTSA Regional Traffic Safety Leadership Meeting. Representatives that attended the 2008 Lifesavers Conference attended this meeting.
- ⇒ **June 16-27, 2008** - Travel to Saipan, Commonwealth of the Northern Mariana Islands to attend the "Advance Traffic Crash Investigation". The following representatives attended: John A. Bagaforo (GPD), Anthony J. Demapan (GPD), Jerome E.D. Santo Tomas (GPD), and Paul S.N. Tapao (GPD).

- ⇒ **July 9-12, 2008** - Travel to Denver, Colorado to attend the 4<sup>th</sup> Annual Kidz in Motion Conference. The following representatives attended: Claire M. Meno (DPW) and Ramon Q. Sablan (GPD).
  
- ⇒ **July 14-15, 2008** - Travel to Honolulu, Hawaii to attend the Pre-Highway Safety Plan. The following individuals attended: Lawrence P. Perez (DPW), Joaquin R. Blaz (DPW), and Cecilia Javier (DPW).
  
- ⇒ **July 27-31, 2008** - Travel to Orlando, Florida to attend the 34<sup>th</sup> International Forum on Traffic Records & Highway Safety Information Systems. The following individuals attended: Cecilia Javier (DPW), Lawrence Quichocho (GPD), and Jenbel Manibusan (Superior Court of Guam).
  
- ⇒ **July 28-31, 2008** - Travel to Oklahoma City, Oklahoma to attend the Instructor Development Course. The following individual attended: John Bagaforo (GPD).
  
- ⇒ **August 5-7, 2008** - Travel to Oklahoma City, Oklahoma to attend the NHTSA Managing Federal Finances & Tracking Grants Course. The following individuals attended: Therese C.D. Matanane (DPW) and Joseph Certeza (BBMR).
  
- ⇒ **September 4-5, 2008** - Travel to attend the "Safe Travel for All Children: Transporting Children with Special Health Care Needs". The following individuals attended: Marlene M. Carbullido (DPH&SS) and Alex Blanquisco (GPD).
  
- ⇒ Governor's Highway Safety Association Annual Meeting. The following individual attended: Joaquin R. Blaz (DPW).

15. Please see attached **Financial Report**.

**FY 2008 HIGHWAY SAFETY PLAN  
FINANCIAL REPORT**

<b>PROGRAM</b>	<b>OBLIGATED</b>	<b>EXPENDED</b>	<b>BALANCE</b>	<b>PERCENT EXPENDED</b>
AL08 Alcohol & Other Drugs	\$421,120.93	\$243,602.85	\$177,518.08	57%
OP08 Occupant/Child Protection	\$255,077.80	\$212,309.17	\$42,768.63	83%
PT08 Selective Traffic Enforcement	\$76,338.42	\$47,439.48	\$28,898.94	62%
EM08 Emergency Medical Services	\$58,832.00	\$7,413.04	\$51,418.96	12%
TR08 Traffic Records Information Management Systems	\$67,457.70	\$40,728.23	\$26,729.47	60%
PA08 Planning & Administration	\$132,245.74	\$101,686.31	\$30,559.43	76%
YA08 Youth to Youth Alcohol Drug Free	\$12,448.44	\$0.00	\$12,448.44	0%
SA08 Safe Communities	\$32,255.70	\$9,949.66	\$22,306.04	30%
RS08 Roadway Safety	\$32,928.00	\$17,450.89	\$15,477.11	52%
SB08 School Bus Safety	\$31	0.00	\$31	0%
J908 Data Improvement Incentive	\$1,994.64	\$1,599.00	\$395.64	80%
FRS08 Roadway Safety (FHWA)	\$6.34	0.00	\$6.34	0%
J308 Child Passenger Protection Education	\$11,234.58	\$9,163.52	\$2,071.06	81%
PS08 Pedestrian and Bicycle Safety	\$24,372.37	\$17,171.25	\$7,201.12	70%
K908 408 Data Program SAFETEA-LU	\$1,300,000.00	\$730,000.00	\$570,000.00	56%
K408 Safety Belts Incentive Grant	\$750,449.00	\$351,285.22	\$399,163.78	46%
<b>TOTALS:</b>	\$1,220,212.60	\$605,110.76	\$615,101.84	56%