

# ***OFFICE OF HIGHWAY SAFETY***

***Department of Public Works***

***Government of Guam***

## ***Performance Evaluation Report***

***Fiscal Year 2007***

***Highway Safety Plan***

### **Section 402 Grant Activities**

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

The Guam 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) Management Analyst IV, two (2) Program Coordinators and one (1) Administrative Assistant, who 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 the Fiscal Year 2007 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 2007 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 2007 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. 2007 STATESIDE BENCHMARK REPORT ANALYSIS**

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

This section addresses Guam's progress towards achieving 2007 HSP "Benchmark Report" performance goals. It is important to note that Guam's Section 402 funding was partially received in October 2006 and total funding was granted later in April 2007. Guam continually strives to meet its performance goals as set forth in the 2007 HSP "Benchmark Report" with very minimal 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 '07 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 2006-2007:

**Results:** The Office of Highway Safety along with the Partners for Highway Safety were able to reach at total of five daycare facilities, twelve elementary schools, three middle schools; and four of the high school levels. Unfortunately, we were not able to conduct presentations to all the public schools and daycare centers due to the shortage of staff at the Office of Highway Safety.

➔ To increase the DUI checkpoints biennially from 25 to 30 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 30 DUI checkpoints in areas of high traffic locations were conducted in 2007. Fifty-eight (58) DUI roving in alternate roads used by drivers that know about DUI checkpoints were also conducted in 2007. 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 Guam Hotel and Restaurant Association had sponsored a Designated Driver Program during Independence Day, Liberation Day, Labor Day, and during the Christmas Holidays. They worked closely with the bar/club establishments and together with Operation Heat, the DUI arrests resulted in

➔ To reduce DUI related fatalities from 5 reported in 2006 to 7 in 2007.

**Results:** The number of DUI related fatalities recorded in 2006 was 5 and as of September 5, 2007, approximately 9 DUI related fatalities. (See chart below.)

GUAM POLICE DEPARTMENT  
CRASH TREND: 2000 - 2007

CODE	CRASH CLASSIFICATION	2000	2001	2002	2003	2004	2005	2006	*2007
1	Non-Injury	4506	4187	3837	4325	4591	5045	4615	NA
2	Non-Fatal Injury	1052	1046	1000	1049	976	893	886	NA
3	Fatal Injury	22	18	11	23	14	17	13	NA
4	Non-Injury N/T	1585	1480	1709	1355	954	616	708	NA
5	Non-Fatal Injury N/T	50	17	26	7	26	15	27	NA
6	Fatal Injury N/T	1	1	2	1	0	1	0	NA
<b>Total Crash</b>		<b>7216</b>	<b>6729</b>	<b>6615</b>	<b>6760</b>	<b>6561</b>	<b>6587</b>	<b>6250</b>	<b>6641</b> *
Percent Change		-10	-6.8	-1.7	2.2	-3	0.4	-5.1	6.3

CODE	CRASH TYPE	2000	2001	2002	2003	2004	2005	2006	2007
1	Auto - Auto	5661	4900	4743	5057	5340	4101	NA	NA
2	Auto Ran Off Roadway	515	555	481	558	482	516	NA	NA
3	Auto - Pedestrian	69	60	64	60	52	47	NA	NA
4	Motorcycle Crash	27	19	24	32	51	22	NA	NA
5	Auto-Object	312	347	278	346	247	12	NA	NA
6	Other	632	848	1026	707	389	1889	NA	NA
<b>Total</b>		<b>7216</b>	<b>6729</b>	<b>6615</b>	<b>6760</b>	<b>6561</b>	<b>6587</b>	xxx	xxx

Note: Crash Type for 2006 not available from "Aegis"

DRIVING UNDER THE INFLUENCE	2000	2001	2002	2003	2004	2005	2006	2007
<b>DUI Arrested Persons</b>	<b>620</b>	<b>900</b>	<b>972</b>	<b>743</b>	<b>538</b>	<b>817</b>	<b>836</b>	<b>691</b>
Percent Change	6.7	46.2	8	-23.6	-27.6	62	2.3	-17.3
<b>DUI Involving Crash</b>	<b>165</b>	<b>203</b>	<b>163</b>	<b>139</b>	<b>61</b>	<b>103</b>	<b>233</b>	
Percent Change	26	23	-19.7	-14.7	-58.1	89	126.2	
<b>DUI Involving Injuries</b>	<b>65</b>	<b>79</b>	<b>67</b>	<b>81</b>	<b>78</b>	<b>123</b>	<b>68</b>	
Percent Change	-8.5	21.5	-16.2	21	-3.7	57.7	-44.7	
<b>DUI Involving Fatality</b>	<b>11</b>	<b>11</b>	<b>6</b>	<b>7</b>	<b>6</b>	<b>9</b>	<b>6</b>	<b>9</b> *

2000 - 2005 Crash Data from Daily Police Blotter      2006 - 2007 Data from Aegis/ LERMS

XL(E) Crash Trend: 2000-2006 Planning, Research and Development-GUAM POLICE DEPARTMENT

\* Data information not available in LERMS Crash listing

At least 30% of the DUI related fatalities were Auto-pedestrian 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 200 in 2007.

**Results:** In FY2006 there were a total of 233 DUI crashes reported; however, we cannot compare the statistics because the FY2007 statistic is unavailable. We were not able to accomplish our goals of reducing the DUI crashes because Highway Patrol continues to be undermanned and will remain undermanned due to budget constraints and shortage of personnel within the Department.

➔ 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:** Statistics for FY2006 and FY2007 were not available. However, the Guam Police Department continues to conduct 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.

**In addition, funding was not provided to the Guam Police Department for their DUI and Counter Drug Program because the delay in the establishment, appropriating, and modifying of accounts for FY2007.**

**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 85% recorded in 2005 to 90% in CY2006 and was there an increase in child restraint usage from 68% to 76% biennially through CY2006-2007?

**Results:** A formal survey conducted in 2007 by the University of Guam students indicates a slight decrease in children four (4) years and under being properly restrained in a child restraint system from 75% in 2006 to 70% in 2007. In the observation of the adult drivers showed 81% of adult drivers were complying with the Guam Seatbelt Law in 2007, a slight decrease from 2006, which showed 85% 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.

<b>SEAT BELT PERCENTAGE USAGE – DRIVERS &amp; ADULT PASSENGERS</b>			
2007	2006	2005	2004
81%	85%	85%	84%

<b>RESTRAINT USAGE: INFANT AND CHILDREN</b>			
2007	2006	2005	2004
70%	75%	68%	66%

<b>ANNUAL SEAT BELT CITATIONS ISSUED</b>					
YEAR	2006	2005	2004	2003	2002
Adults	851	862	822	263	1,638
Child (12 & under)	288	276	256	165	546
Total Seat Belt Citations	1,139	1,138	1,019	428	1,645

➔ 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 five (5) mall displays/exhibits. In addition, static displays were done at the Youth for Youth Conference in May of 2007, 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:** Because of weather conditions during this year, the Guam Police Department were not able to conduct stationary checkpoints. However, during the Click It or Ticket Campaign, the Guam Police Department were able to conduct 36 Seat Belt Checkpoints, in which 381 citations were issued.

➔ Increase public information and education of the benefits of seat belt/child safety seat usage for adults and children.

**Results:** In FY2007, the Office of Highway Safety along with the Partners for Highway Safety conducted five campaign waves, conducted presentations to the Guam Memorial Nurses on child restraint systems and seat belt safety, the Salvation Army homeless division, and the Guam Public School System - Head Start Division. A total of 75 parents, nurses, and clients were present. More educational presentations will be conducted in 2008 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 70% of children being restrained and 81% 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 2006-2007.

**Results:** The Partners for Highway Safety conducted twelve (12) out of twenty-five (25) seat belt presentations to elementary school children. Because of the shortage of staff with all our partners from various agencies/departments, we were unable to meet our goal.

➔ 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 150 child restraints were issued during the Child Passenger Safety Check-up Events held at 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 was 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 FY2007.**

**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 four Car Seat Inspection was conducted thus far. In May and June of 2007, 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 CY2006-2007.

**Results:** In FY2006, at total of 6250 crashes were recorded and 6641 crashes recorded in 2007. This is an increase of 6.3%. The Guam Police Department - Highway Patrol Division conducted numerous stationary and roving (Laser/Radar) enforcement in areas identified through fatality statistics an 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 was increased to 56, which was conducted throughout 2006-2007.

➔ To reduce the number of injury-producing crashes due to reckless/speed driving by 10% through CY2006-2007.

**Results:** In 2006, a total of 6250 crashes were recorded and 6641 crashes recorded in 2007.

Year	Yearly Traffic Crashes Recorded	Speed/Imprudent Driving Related	Total Crashes With Injuries	Total Traffic Fatalities
2003	6760	1159	1080	24*
2004	6525	2862	1018	14
2005	65875	(not available)	908	24
2006	6250	(not available)	913	13
2007	6641	(not available)	(not available)	9

Currently, the statistics for speed/imprudent driving is not available. With the shortage of civilian staff at the Planning & Research Development, statistics are gathered manually and current stats are not available. In addition, with the limited officers within the HPD, operations and administrative assignments are also included in their daily operations. When officers are removed from this operation and placed back in the field, HPD is unable to collect and compare the goals as indicated in their S.T.E.P. program.

**Checkpoints:** The Guam Highway Patrol is currently being upgraded in manpower services and with the shortage of manpower at this time, 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.

**In addition, funding was not provided to the Guam Police Department for their S.T.E.P. Program because the delay in the establishment, appropriating, and modifying of accounts for FY2007.**

**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 FY2007. 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**

\*Was 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 70 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 CY2007 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 2007, there were 25 traffic fatalities recorded, 9 of which were DUI related. In 2006, Guam recorded a total of 13 traffic fatalities, 5 of which were DUI related. The increase in alcohol related fatalities can be attributed to the shortage of personnel affecting the enforcement programs and efforts. Highway Patrol continues to be undermanned and will remain undermanned due to budget constraints and shortage of personnel within the Department.

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 four (6) Standardized Field Sobriety Test Training in 2007, in which 63 G.P.D. enforcement officers, Navy Security and Airport Police Security attended.

With a staff of 11 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 2007 was the youth conference entitled "**Keeping It Real**" 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 88 DUI checkpoints, which includes stationary and saturation patrols. In 2006 a total of 836 DUI arrests were made and 691 recorded in 2007, 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 30 to 35, 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 under 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 37 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 decreased slightly from over 75% to 70% as indicated on the 2007 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, Headstart Division and the Salvation Army on child restraint systems and safety in a vehicle. These training were received by over 75 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 70% to 80% 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 2007, the Guam Police Department - Highway Patrol Division conducted six (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 toGPD 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 25 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.

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 2007 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 45 child safety seat and Seatbelt demonstrations for staff & parents were conducted at child day care centers and elementary schools.

Hence, of the 16,030 children enrolled in the elementary level of the public school system, the highway safety coalition members was not able to meet their goals an 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, keychains, 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., were 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 DUI arrests and crashes on youth by conducting more education, 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 2006, the total number of pedestrian fatalities was seven (7) and decreased in 2007 to six (6). 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 Islandwide 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***

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

- ➔ March 25-27, 2007** - Travel to Chicago, Illinois for the 2007 Lifesavers Conferece. The following representatives attended: Andrew Leon Guerrero (DPW), Therese Matanane (DPW), Claire Meno (DPW), and Jerome Santo Tomas (GPD).
- ➔ March 28-30, 2007** - Travel to Newport Beach, California for the NHTSA Western Region States & Territories Partners Meeting. The following representatives attended: Andrew Leon Guerrero (DPW), Therese Matanane (DPW), Claire Meno (DPW), and Jerome Santo Tomas (GPD).
- ➔ April 6-7, 2007** - Travel to Reno, Nevada for the Courage to Live Faculty Development Workshop. The following representative attended: The Honorable Judge Arthur R. Barcinas, Superior Court of Guam.
- ➔ June 10-17, 2007** - Travel to Honolulu, Hawaii for the Program Management Course. The following representatives attended: Therese Matanane and Claire Meno, both from DPW.

➔ **July 22-26, 2007** - Travel to St. Louis, Missouri for the 2007 Traffic Records Forum. The following representatives attended: Officer Franklin A. Perez (GPD) and Jenbel Manibusan (Superior Court of Guam).

➔ **August 20-23, 2007**- Travel to Reno, Nevada for the Traffic Safety faculty Development. The following representatives from the Superior Court of Guam attended: Robert Cruz.

#### 14. *Problems Encountered*

*Funding for Section 402 grants was partially received in October 2006 and total funding was granted later in April 2007. However, Guam continued to strive and meet their performance goals as set forth in the 2007 Highway Safety Plan. In addition, the sub-grantees were not able to perform and meet their goals because of the delay in the establishment, appropriating, and modifying their accounts for FY2007. 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.*

Grant Code	Program Name	Account No.	Total Appropriation	Total Expend.	Total Encumb.	Total Exp/Encumb.	Balances: Approp. Minus:		% Actual Exp.	% Exp./Encumb.	% Total Balance
							(Actual Exp.)	(Exp./Encumb.)			
402	Alcohol & Other Drugs	5101E071066E1101	281,134.36	74,887.94	4,280.21	<b>79,168.15</b>	<b>206,246.42</b>	201,966.21	26.64%	<b>28.16%</b>	71.84%
402	Occupant Protection PI & E	5101E071066E1102	136,803.04	66,955.25	3,499.20	<b>70,454.45</b>	<b>69,847.79</b>	66,348.59	48.94%	<b>51.50%</b>	48.50%
402	Selective Traffic Enforcement Program	5101E071066E1103	40,134.49	0.00	0.00	<b>0.00</b>	<b>40,134.49</b>	40,134.49	0.00%	<b>0.00%</b>	100.00%
402	Emergency Medical Services (EMS)	5101E071065E1104	31,616.92	0.00	0.00	<b>0.00</b>	<b>31,616.92</b>	31,616.92	0.00%	<b>0.00%</b>	100.00%
402	Traffic Record Inform. Mgmt. Systems	5101E071065E1105	81,149.68	36,777.82	6,919.21	<b>43,697.03</b>	<b>44,371.86</b>	37,452.65	45.32%	<b>53.85%</b>	46.15%
402	Planning Administration	5101E071066PA106	103,334.80	27,024.50	282.06	<b>27,306.56</b>	<b>76,310.30</b>	76,028.24	26.15%	<b>26.43%</b>	73.57%
402	Youth to Youth Alcohol Drug Free	5101E071066E1107	22,313.44	1,875.00	7,990.00	<b>9,865.00</b>	<b>20,438.44</b>	12,448.44	8.40%	<b>44.21%</b>	55.79%
402	Safe Communities	5101E071066E1108	32,255.70	0.00	0.00	<b>0.00</b>	<b>32,255.70</b>	32,255.70	0.00%	<b>0.00%</b>	100.00%
402	Roadway Safety - FHWA	5101E071066E1109	49,055.16	15,523.66	0.00	<b>15,523.66</b>	<b>33,531.50</b>	33,531.50	31.65%	<b>31.65%</b>	68.35%
402	School Bus Safety	5101E071066E1111	2,658.79	0.00	2,658.48	<b>2,658.48</b>	<b>2,658.79</b>	0.31	0.00%	<b>99.99%</b>	0.01%
402	Pedestrian Bicycle Safety	5101E071066E1118	44,372.10	0.00	19,999.71	<b>19,999.73</b>	<b>44,372.10</b>	24,372.37	0.00%	<b>45.07%</b>	54.93%
402	Roadway Safety - FHWA	5101E071066E1115	15.56	9.22	0.00	<b>9.22</b>	<b>6.34</b>	6.34	59.25%	<b>59.25%</b>	40.75%
		<b>Total 402</b>	<b>824,844.04</b>	<b>223,053.39</b>	<b>45,628.87</b>	<b>268,682.28</b>	<b>601,790.65</b>	<b>556,161.76</b>	<b>27.04%</b>	<b>32.57%</b>	<b>67.43%</b>
411	Data Improvement Incentive	5101E071066E1114	138,999.62	138,700.00	0.00	<b>138,700.00</b>	<b>299.62</b>	299.62	99.78%	<b>99.78%</b>	0.22%
2003(b0)	Child Passenger Protection Education	5101E071066E1116	5,005.85	0.00	0.00	<b>0.00</b>	<b>5,005.85</b>	5,005.85	0.00%	<b>0.00%</b>	100.00%
408	Data Program Safetee - LU	5101E071066E	800,000.00	0.00	0.00	<b>0.00</b>	<b>800,000.00</b>	800,000.00	0.00%	<b>0.00%</b>	100.00%

		I140									
406	Safety Belts Incentive Grant	5101E071066E I141	784,250.00	0.00	32,901.0 0	<b>32,901.00</b>	<b>784,250.00</b>	751,349.00	0.00%	<b>4.20%</b>	95.80%
		<b>Grand Total</b>	<b>2,553,099.51</b>	<b>361,753. 39</b>	<b>78,529.8 7</b>	<b>440,283.28</b>	<b>2,191,346.12</b>	<b>2,112,816.23</b>	<b>14.17%</b>	<b>17.25%</b>	<b>82.75%</b>

Data Source: AS400  
Date: 12/28/2007  
Prepared by: LCO