

Cover Page

Project Title MPD DUI and Impaired Driving Enforcement

Total Grant Funding Requested \$83,174.00

Total ERE Percentage 11

Agency Name: Maricopa Police Department
Contact Information: 39675 West Civic Center Plaza South
 Maricopa, AZ 85138
 Phone: 5205689098
 Fax: 5205689120

Governmental Unit: City of Maricopa
Address: 39700 W Civic Center Plaza Maricopa, AZ 85138

Project Director: Steve Stahl
Contact Information: Chief
 39675 West Civic Center Plaza South
 Maricopa, AZ 85138
 Phone: (520) 568-9098
 Fax: (520) 568-9120
 E-mail: steve.stahl@maricopa-az.gov

Project Administrator: Timothy Hansell
Contact Information: Grants Coordinator
 39700 W Civic Center Plaza
 Maricopa, AZ 85138
 Phone: (520) 316-6923
 E-mail: timothy.hansell@maricopa-az.gov

Fiscal/Financial Contact: Timothy Hansell
Contact Information: Grants Coordinator
 39700 W Civic Center Plaza
 Maricopa, AZ 85138
 Phone: (520) 316-6923
 E-mail: timothy.hansell@maricopa-az.gov

Please upload a cover letter addressed to the Director of the Governor's Office of Highway Safety on agency letterhead. This cover letter **must** be signed by a representative of your agency authorized to commit your agency to conduct the grant should it be approved for funding.

Any proposal received without a cover letter will not be considered for funding by GOHS.

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Total Proposal

Jurisdiction

Select the Type of Jurisdiction:

City

Select the Type of Agency:

Law Enforcement

Fire Department / District

Non-Profit / Other

Select the County Served:

Pinal County

Proposal Summary

Proposal Summary:

Please include a summary of funding requested by program area (Alcohol, Aggressive Driving, Occupant Protection etc...).

MPD is requesting funds to cover overtime costs for officers participating in DUI Enforcement details and to purchase additional equipment. The overtime will help MPD participate in details that are intended to curb the amount of impaired driving and further prevent fatalities from impaired drivers. Along with the DUI details, the OT will be utilized to conduct educational outreach activities in the community. These activities include participating in Red Ribbon Week, presenting at schools and events, and participating events put on by our partners Be Awesome Coalition and Maricopa Unified School District.

The funding requested includes funds for MPD to improve its ability to prevent, monitor and prosecute individuals driving while impaired through the addition of valuable DUI Enforcement equipment. MPD is requesting funds to purchase six Portable Breath Testers (PBTs), 500 PBT mouthpieces, one phlebotomy chair and one DUI Enforcement Vehicle (Chevy Tahoe w/ ghost lettering).

The PBTs will be assigned to the Community Action Team (CAT) and additional hires. By providing PBTs to the CAT team, MPD is looking to increase the ability to curb underage drinking and consumption in the community.

The additional equipment requested is a Chevy Tahoe with ghost lettering and equipped with low profile lights to increase the ability of MPD to enforce DUI laws. The addition of this vehicle will drastically increase the ability of MPD to combat impaired drivers and capture more impaired drivers before the risk of a fatality is realized. A phlebotomy chair is the last piece of equipment being requested. This is a vital resource to add in the prosecution of impaired drivers through blood sampling for BAC. The chair will ensure the safety of the phlebotomist while drawing blood and assist MPD in obtaining the necessary BAC and the exact impairment in the system to help prosecute the impaired driver.

The funding requests from the Maricopa Police Department meet the Impaired Driving and Programs funded through the Governor's Office of Highway Safety by working to remove alcohol and other drug impaired drivers from the road through highly effective enforcement and public education programs. Enforcement efforts will be conducted through combined agency efforts to cover all jurisdictions and provide a highly visible united DUI message to the community during these periods.

Maricopa Police Department (MPD) works diligently to remove alcohol and other drug impaired drivers from the road through enforcement and public education programs. In 2015, 187 individuals were arrested for DUI which is an increase from the 165 individuals arrested in 2014. MPD continues to focus on traffic laws. In 2015, 778 speeding and 121 citations for failure to stop for a red light were issued. The Governor's Office grants in Maricopa have been an effective means to increase DUI and traffic enforcement measures.

Background/Problem:

Provide general characteristics of the agency, including information on population, demographics, and a description of streets and highways in the agency's jurisdiction including road mileage.

The City of Maricopa is located in central Arizona within Pinal County, 35 miles south of Phoenix and 20 miles northwest of Casa Grande. The climate varies between 66 and 100 degrees, with low humidity and 90% sunshine. The City is on flat terrain in the Sonoran Desert with native vegetation of the Colorado scrub. A labor study completed by the Economic Development Department in 2009 shows the average household in Maricopa is 2.7 persons with more than 75% having a household income of \$50,000 or higher. Nearly 48.7% of residents have a bachelor's or graduate degree. 2010 Census lists the largest minority groups as Hispanic at 24.7% then 9.7% African Americans, 4.1% Asian and 1.9% Native Americans. Families make up 73% of

Proposal Summary

households in Maricopa City. Within these families, 2,839 students are enrolled at the six (6) through twelve (12) grade levels. 31.7% of the population is under the age of 19, which is more than 50% higher than the State.

The City of Maricopa incorporated in 2003 due to a surge of development, primarily housing, from the year 2000 on. Maricopa's population has grown from 1040 to over 43,000 in 2010. This growth has effectively transformed the area from an agricultural area to a city environment. Maricopa owns and maintains 517 miles of roads. The majority of trips are made on 2 highways and a series of section line roads. The primary road within City limits is John Wayne Parkway (SR347), a 4 lane ADOT maintained road, traversing Maricopa in a north-south alignment. Other major roads include Maricopa-Casa Grande Highway, & SR 238. This rapid change had presented a number of strategic and logistical challenges, which the City had addressed admirably. Some of those challenges include how to effectively deal with a mounting increase in traffic volume, which logically brings with it increases in traffic congestion and traffic violations (including impaired driving and speed related offenses). Traffic counts shows SR 347 experiences 50,000 trips per day. Prior to July 2007, traffic enforcement in Maricopa was handled by Pinal County Sheriff's Office (PCSO). The rapid growth of the area, however, overwhelmed the amount of law enforcement resources that PCSO had dedicated to the area and the decision was made to form a city police department.

The Maricopa Police Department (MPD) began taking calls for service on July 1, 2007. The staffing at this point included a Chief, Assistant Chief, four sergeants, one detective, eight patrol officers and two traffic officers. The Department grew rapidly and began covering swing shift on October 1, 2007, and graveyard shift on Jan 1, 2008. Currently the Department has 66 sworn employees.

Problem Statement:

What problem is your agency looking to solve with this grant? Provide appropriate data to support funding.

The National Highway Traffic Safety Administration is a leader in vital traffic statistics in the United States. In 2014, their statistics led to the following conclusion:

"Every day in America, 27 people die as a result of drunk driving."

Twenty-seven people every day die from drunk driving. This can be hard to believe for most, but when you consider the underlying problem of people drinking and driving it could be worse. According to a study conducted in 2010 by the US DOT, 4 million adults reported driving while under the influence. That resulted in ~ 112 million alcohol-impaired driving episodes. The fact that only 27 people die every day is quite astonishing considering how many times people drive while impaired.

The rate of drunk driving is highest among 21-29 yr olds according to a study conducted by the Substance Abuse and Mental Health Services Administration. In the same study, they also stated 10.9% of persons aged 12 or older drove while under the influence once in the year. This is significant statistic for Maricopa as 53.1% of the population is under the age of 34.

A 2014 AZ Youth Survey indicated underage consumption is the #1 substance abuse problem facing AZ Youth. Considering that teenagers are involved in three times as many fatal crashes as all other drivers, the addition of alcohol will result in even more fatalities. That is why it is so important to continue to pursue preventive measures.

School-based alcohol prevention programs are essential to reduce and eliminate alcohol use among adolescents. Elemental to effective school-based programs are community wide initiatives to raise awareness of the consequences of underage alcohol use and deter access. According to the National Institute of Drug Abuse, risk and protective factors can affect children at different stages of their lives. At each state, risks occur that can be changed through prevention intervention. If risk factors are not addressed negative behaviors can lead to more risks such as academic failure and social difficulties which put children at further risk for alcohol

Proposal Summary

and drug abuse. A goal of prevention is to change the balance between risk and protective factors so protective factors outweigh the risks. Risk factors in Maricopa include a high number of latch key youth due to parents commuting 16-49 miles one way to work. 95% of residents are new to Maricopa resulting in low neighborhood attachment and community disorganization. Additional risk factors include access to alcohol and drugs and parental attitudes supporting the behavior. In 2014 and 2015, the SRO encountered an increase in alcohol and tobacco violations.

MPD in 2014 had 165 DUI arrests. In 2015, that increased to 187. During this time MPD also saw a 7% increase in Alcohol-Related Injuries despite participating in 39 DUI Enforcement details. The problem is an ever present danger to the community and additional resources are needed to prevent it from becoming a bigger problem.

If you have additional information, please upload:

Attempts to Solve Problem

Attempts to Solve Problem:

Identify past attempts to solve the problem identified in your proposal.

The following actions have been undertaken to help department efficiency and effectiveness with DUI enforcement:

- MPD continuously works with the traffic engineer to analyze and evaluate traffic control devices, to help detect areas needing improvement.
- MPD actively participates in the Pinal County Regional DUI Task Force.
- MPD participated in the Tempe Police Department Safe and Sober campaign in 2014.
- In addition to participation in the regional task force and the safe and sober campaign, MPD also conducted numerous DUI details in the City throughout the year. The Pinal County Regional Task Force typically targets holiday periods, so MPD DUI details are typically scheduled on non-holiday weekends and even some week nights. The rationale is most motorists expect there to be extra DUI enforcement out during major holidays, but we understand there are impaired motorists driving every night of the year and we're not willing to wait until the holidays to catch them.
- MPD currently has 6 qualified phlebotomists. 2015 GOHS funding allowed five officers to attend and successfully complete the Phoenix College Forensic Phlebotomy Program in March 2015.
- In 2010, two officers became DREs, doubling the number of DREs from two to four. Also, in 2010, one of the already certified DREs became an instructor, increasing the number of instructors to two. In 2014, one officer became a DRE. Due to attrition MPD lost both of the agencies DRE instructors which brought the number of total DRE's to 2.
- MPD is considering sending additional officers to become a DRE instructor in 2016.
- In 2011 all Patrol squads were given training on common problem areas noticed during DUI investigations.
- In 2015 all Patrol squads were given DUI refresher training. The agency also incorporated additional DUI training for new hires as part of the agencies post-academy program.
- Two officers became HGN certified in 2013, two in 2014 and six in 2015.
- In March, 2012, MPD hosted an ARIDE class in cooperation with Casa Grande Police Department.
- The SROs are working in correlation with certified DRE/ARIDE/HGN officers to put on several classes at MHS over 2016.
- Overtime funding for DUI enforcement has allowed officers to dedicate more time to DUI enforcement duties, by panning and carrying out DUI details. Currently, most of our DUI arrests come from two sources, 1) arrests made during DUI task force events, 2) arrests made by night shift Patrol officers. Patrol officers, however, are primarily tied up with radio calls for service and with recent attrition of personnel officers are less available time for on-view activity, such as DUI enforcement. MPD has made effective use of GOHS overtime funding for DUI enforcement in previous years.

Project Objectives, Methods of Procedure, Performance Measures: Project 1

Title: Project 1

Objectives of the projects in your proposal should follow the SMART method. They should be:

S = Specific

M = Measurable

A = Action-Oriented

R = Realistic

T = Time-Framed

Project Objectives:

The project objectives should be stated in measurable terms directly related to the identified problem, concise and deal with a specific item, realistic, with a reasonable probability of achievement and related to a specific time frame.

The goals of the Maricopa Police Department are to improve the ability of officers to enforce traffic regulations, effectively engage in DUI enforcement, specifically targeting those violations that increase the likelihood of collisions and their resultant injuries and to efficiently and accurately issue citations.

The primary objective is to use grant funded overtime to give officers more opportunities to engage in DUI enforcement that targets alcohol and drug impaired drivers.

The secondary objective is to provide education to the community through events and school based prevention programs.

Method of Procedure:

Detail how your agency will solve the problem and meet the objectives you have set.

Develop DUI enforcement projects that will provide high visible patrols and selective enforcement methods utilizing up to date field sobriety techniques.

Continue comprehensive community traffic safety prevention projects employing collaborative efforts in the development and execution of strategic information and education campaigns targeting youth and adults, focusing specific attention to those who engage in high risk behaviors.

Develop public information and educational campaigns to raise awareness specific to Arizona's goals and objectives in reducing fatalities and collisions.

To work closely with community based organizations, community coalitions to promote traffic safety programs, and anti-substance abuse initiatives at both neighborhood and community level.

Provide training opportunities for law enforcement on the use of current technology, DRE and new phlebotomy projects as available and when the City's budget allows.

Participate in multi-agency task forces, specifically the statewide Arizona DUI Task Forces.

Performance Measures:

Establish measurable goals for your proposal. Example: "To decrease alcohol related fatalities 10% from the 2012 base year average of 250 to 225 by September 30, 2017." "To increase DUI arrests 10% above the 2008 base year average of 5,000 to 5,500 by September 30, 2017."

Your agency should enumerate the objectives of the project in this section. Example: "To participate in 4 DUI Task Forces by September 30, 2017." "To participate in 8 speed enforcement details by September 30, 2017."

Project Objectives, Methods of Procedure, Performance Measures: Project 1

To reduce the total number of injury related collisions by 10% from calendar year 2015 of 57.

By September 30, 2017, provide educational materials to the residents and visitors of Maricopa through various forms to include brochures, earned media and Be Awesome Coalition information as measured by number and types of materials distributed.

By September 30, 2017, participate in a total of 20 DUI enforcement details, including both Pinal County Regional Task Force, as well as other DUI details within the City of Maricopa. Grant statistic sheets will be completed by each officer for each shift worked.

By September 30, 2017, increase the number of DUI arrests made in 2015 by 10% as measured by the comparison of Department statistics.

By September 30, 2017 to reduce the number of alcohol-involved traffic fatalities from the 2015 calendar base year total of 3.

By September 30, 2017 to reduce or maintain the number of alcohol-involved traffic injuries from the 2015 calendar base year total of 16.

By September 30, 2017 partner with Be Awesome Coalition and Maricopa Fire Department to provide education on the dangers of alcohol and drugs to elementary aged youth during Red Ribbon Week through the Maricopa Unified School District and local Charter Schools and measured by a completed event, media coverage, and pictures.

By September 30, 2017 the School Resource Officer (SRO) will work with certified DRE/ARIDE/HGN officers to provide prevention education at Maricopa High School through the use of overtime funding as measured by attendance logs and number of students.

By September 30, 2017 the Maricopa Police Department will seek training for two sworn personnel to attend DRE and Phlebotomy training as measured by certificates of completion.

By November 30, 2016 the Maricopa Police Department will acquire six (6) portable breath testers and mouthpieces and distributing three (3) to the community action officers to enforce underage drinking and the remaining into dedicated enforcement efforts as measured by a purchase order and paid invoice.

By November 30, 2017 the Maricopa Police Department will procure a Chevy Tahoe and deploy the DUI Enforcement Vehicle to assist in DUI details.

Traffic Data Summary - Law Enforcement

Please include the following traffic data to support the identified problem in your proposal:

Description	(If Available)	2014	2013
	2015		
Sober Designated Drivers Contacted		10	128
TOTAL DUI ARRESTS	0	150	179
Aggravated DUI Arrests		32	37
Misdemeanor DUI Arrests		118	142
Extreme DUI Arrests (.15+)		56	82
DUI-Drug Arrests		31	29
DRE Evaluations		32	32
Under 21 DUI Arrests		4	8
Minor Consumption / Possession Arrests		112	96
TOTAL AGENCY CITATIONS		3530	3327
Criminal Speed Citations		9	54
Aggressive Driving Citations		2	13
Civil Speed Citations		1039	1158
Other Citations(Except Speed)		2480	1945
Child Restraint Citations		36	19
Seat Belt Citations		34	43

Personnel Services

Description

Overtime is being requested to support the additional shifts and details under the DUI Enforcement and Education proposal. The amount being requested is estimated by taking the Lead Sergeant's OT rate (\$57.25) times 500 hours.

Overtime: $\$57.25 * 500 = \$28,625$

The ERE estimate is composed of Social Security (6.20%), Medicare (1.45%) and Workers Compensation (3.35%).

ERE: $6.20\% + 1.45\% + 3.35\% = 11.00\%$

ERE Total: $11.00\% * \$28,625 = \$3,149$

Total Request = OT (\$28,625) + ERE (\$3,149) = \$31,774

Personnel Services:

Employee Related Expenses:

Description	Requested Amount	ERE %	ERE Amount	Overtime Amount
Police Officer Overtime - DUI Enforcement Details and Educational Outreach Events	\$31,774	11%	\$3,149	\$28,625
		%	\$0	\$0
		%	\$0	\$0
		%	\$0	\$0
		%	\$0	\$0
		%	\$0	\$0
		%	\$0	\$0
		%	\$0	\$0
		%	\$0	\$0
		%	\$0	\$0
Total:	\$31,774		\$3,149	\$28,625

Professional and Outside Services

Description

No Request for Professional and Outside Services Costs

Description	Amount
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Total \$0

Travel

Description

No Request for Travel Costs

Travel In-State:

Description	Transportation	Lodging	Per Diem	Misc	Amount
					\$0
					\$0
					\$0
					\$0
					\$0
					\$0
					\$0
Total:					\$0

Travel Out-of-State:

Description	Transportation	Lodging	Per Diem	Misc	Amount
					\$0
					\$0
					\$0
					\$0
					\$0
					\$0
					\$0
Total:					\$0

Materials and Supplies

Description

MPD is requesting 500 PBT mouthpieces to supply the 6 PBTs it is requesting as part of the DUI Enforcement proposal. The mouthpieces are estimated @ \$0.20/piece. For a total cost of \$100.

Description	Quantity	Price Per Unit	Tax	Shipping	Amount
Mouthpieces for the PBTs	500	\$0.20			\$100
					\$0
					\$0
					\$0
					\$0
					\$0
					\$0
					\$0
					\$0
					\$0
					\$0
					\$100
Total					\$100

Capital Outlay

Description

MPD is requesting equipment to improve its ability to provide DUI Enforcement throughout the community. MPD is requesting funds for six Portable Breath Testers (PBTs), one phlebotomy chair and one DUI Enforcement Vehicle (Chevy Tahoe).

The PBTs are estimated at \$500/unit. These PBTs will be deployed w/ Officers working DUI Enforcement details to assist in identifying BAC levels and assist in prosecution.

The phlebotomy chair is estimated at \$1,300 based on prices obtained. The chair will add a new element to DUI Enforcement for MPD. It will MPD to take blood to assist in DUI Enforcement and prosecution.

The last item is a DUI Enforcement Vehicle (Chevy Tahoe w/ Ghost Lettering) estimated @ \$47,000 based on latest quotes and purchases. The vehicle will enhance the ability of MPD to monitor and capture DUI offenders by blending into the environment.

All estimates account for tax and shipping.

Description	Quantity	Price Per Unit	Tax	Shipping	Amount
Portable Breath Testers (PBTs)	6	\$500.00			\$3,000
Phlebotomy Chair	1	\$1,300.00			\$1,300
DUI Enforcement Vehicle - Chevy Tahoe w/ Ghost Lettering	1	\$47,000.00			\$47,000
					\$0
					\$0
					\$0
					\$0
					\$0
					\$0
					\$0
					\$0
					\$0
					\$0
Total					\$51,300

Total Estimated Cost

Budget Item	Amount	
Personnel Services	\$28,625	
Employee Related Expenses	\$3,149	11%
Professional and Outside Services	\$0	
Travel In-State	\$0	
Travel Out-of-State	\$0	
Materials and Supplies	\$100	
Capital Outlay	\$51,300	
Total Estimated Cost	\$83,174	