

#3
APR 14 2016



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MEMORANDUM **Fire, Health & Medical Department**

DATE: APRIL 14, 2016

TO: MAYOR AND COUNCIL

THRU: MARSHA REED, ACTING CITY MANAGER *MR*

FROM: TOM DWIGGINS, ACTING FIRE CHIEF *TD*

SUBJECT: RESOLUTION NO. 4938 GOVERNOR'S OFFICE OF HIGHWAY SAFETY GRANTS FROM THE NATIONAL HIGHWAY TRAFFIC ADMINISTRATION

RECOMMENDATION: Move City Council pass and adopt Resolution No. 4938 authorizing the submittal of a Governor's Office Highway Safety Grant, in the area of Occupant Protection, in the amount of \$47,256 and authorizing the Acting Fire Chief to conduct all negotiations and execute and submit all documents in connection with the grant.

BACKGROUND/DISCUSSION: The Fire, Health & Medical Department has applied for a Governor's Office of Highway Safety Grant, in the area of Occupant Protection, in the amount of \$47,256. The grant requests funding to continue the Child Safety Seat Clinics program. The program will offer 42 child safety seat (CSS) inspection clinics and distribute 150 convertible and booster seats to families that cannot afford to purchase CSS. Clinics will be held primarily at Chandler Regional Medical Center and at the Chandler Fire Health & Medical (CFHM) Training Center. CFHM's child passenger safety technicians (CPST) will participate in regional events sponsored by SafeKids, and/or the Governor's Office of Highway Safety, or in conjunction with community-wide events in Chandler. All CSS inspections and installations will be provided by Chandler firefighters with CPST certification. CFHM will pay the costs of certifying the technicians.

Additionally, the project will include a public education component. Each parent or caregiver will be given hands-on instruction to insure their ability to properly install their children's CSS. Printed materials will be given to families at each clinic. Handouts will cover correct usage of CSS, child safety in and around vehicles, passenger safety for every family member, the "Buckle Up, Baby" hotline, and Children Are Priceless Passengers (CAPP). Materials will be available in English and Spanish when possible. Each family will receive a "Ride Safely" DVD (an episode of the children's cable television show Sprinkler's Clubhouse emphasizing vehicle passenger safety). CFHM will issue press releases advertising the clinics and the importance of buckling up all children on every ride.

A requirement of this grant process is to have the City Council approve the attached resolution. The grant application requests funds to conduct child car seat safety clinics between October 1, 2016, and September 30, 2017. Grant awards will be made before September 30, 2016.

FINANCIAL IMPLICATIONS: This reimbursable grant does not require matching funds.

PROPOSED MOTION: Move City Council pass and adopt Resolution No. 4938 authorizing the submittal of a Governor's Office Highway Safety Grant, in the area of Occupant Protection, in the amount of \$47,256 and authorizing the Acting Fire Chief to conduct all negotiations and execute and submit all documents in connection with the grant.

Attachments:

1. Resolution No. 4938
2. Grant Application

RESOLUTION NO. 4938

A RESOLUTION OF THE COUNCIL OF THE CITY OF CHANDLER, ARIZONA, PERTAINING TO THE SUBMISSION OF PROJECTS FOR CONSIDERATION IN ARIZONA'S 2017 HIGHWAY SAFETY PLAN.

WHEREAS, the Governor's Office of Highway Safety (GOHS) is seeking proposals from state and local agencies for projects relating to all aspects of highway safety; and

WHEREAS, the City of Chandler, through the Chandler Fire, Health & Medical Department, is interested in submitting projects to be considered for funding in the form of reimbursable grants from the National Highway Traffic Safety Administration;

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Chandler, Arizona as follows:

1. That Approval of the submission of projects for consideration in Arizona's 2017 Highway Safety Plan is granted.
2. That Tom Dwiggin, Acting Fire Chief, is appointed agent for the City of Chandler, to conduct all negotiations and to execute and submit all documents and any other necessary or desirable instruments in connection with such grant.

PASSED AND ADOPTED by the City Council of the City of Chandler, Arizona, this ____ day of _____, 2016.

ATTEST:

CITY CLERK

MAYOR

CERTIFICATION

I HEREBY CERTIFY that the above and foregoing Resolution No. 4938 was duly passed and adopted by the City Council of the City of Chandler, Arizona, at a regular meeting held on the ____ day of _____, 2016, and that a quorum was present at the meeting.

CITY CLERK

APPROVED AS TO FORM:

CITY ATTORNEY *Ken*

Cover Page

Project Title Child Safety Seat Clinics Program

Total Grant Funding Requested \$47,256.00

Total ERE Percentage 31.4

Agency Name: Chandler Fire, Health & Medical Department
Contact Information: 151 East Boston St.
Chandler, AZ 85225
Phone: 4807822120
Fax: 4807822150

Governmental Unit: Chandler Fire, Health & Medical Department
Address: P.O. Box 4008, M.S. 801, Chandler, AZ 85244-4008

Project Director: Tom Dwiggins
Contact Information:

Project Administrator: Debbe Simpkins
Contact Information:

Fiscal/Financial Contact: Debbe Simpkins
Contact Information:

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.

http://egrants.azgohs.gov/_Upload/18880-2017ChandlerFireCoverLetter.pdf

For GOHS Office use only
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:

Maricopa County

Proposal Summary

Proposal Summary:

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

The City of Chandler Fire, Health & Medical Department (CFHM) is requesting funds in the Occupant Protection area to offer 42 child safety seat (CSS) inspection clinics and distribute 150 convertible and booster seats to families that cannot afford to purchase CSS. Clinics will be held primarily at Chandler Regional Medical Center and at the CFHM Training Center. CFHM's child passenger safety technicians (CPST) will participate in regional events sponsored by SafeKids and/or the Governor's Office of Highway Safety, or in conjunction with community-wide events in Chandler. All CSS inspections and installations will be provided by Chandler firefighters with CPST certification. CFHM will pay the costs of certifying the techs.

The project will include a public education component. Each parent or caregiver will be given hands-on instruction to insure their ability to properly install their children's CSS. At least one child safety seat clinic will target low-income Spanish speaking families. This event will be held in partnership with the Chandler CARE Center, a free medical clinic operated by the Chandler Unified School District.

Printed materials will be given to families at each clinic. Handouts will cover correct usage of CSS, child safety in and around vehicles, passenger safety for every family member, the "Buckle Up, Baby" hotline, and Children Are Priceless Passengers (CAPP). Materials will be available in English and Spanish when possible. Each family will receive a "Ride Safely" DVD (an episode of the children's cable television show Sprinkler's Clubhouse emphasizing vehicle passenger safety). CFHM will issue press releases advertising the clinics and the importance of buckling up all children on every ride.

These services will continue to be available to both Chandler residents and those of surrounding communities. By providing funding for this project, the Arizona Governor's Office of Highway Safety (GOHS) will have an immediate, tangible, and positive impact on the safety of Arizona's youngest and most vulnerable motor vehicle passengers.

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 Chandler covers an area of 71.5 square miles located in the southeast portion of the Phoenix metroplex. Chandler is largely residential with 63 percent of the City zoned for residential use.

Commercial/Industrial areas make up 29 percent and 8 percent is zoned for agriculture.

Chandler has the 4th highest population of all Arizona cities following Phoenix, Tucson, and Mesa. As of February 1, 2016, the population was estimated to be 249,964. The primary racial/ethnic groups are White (70.8 percent), Hispanic/Latino (22.7 percent), Asian or Pacific Islander (9.6 percent), Black or African American (5.2 percent), and American Indian or Alaskan Native (1.6 percent). The median age is 34.9 years. Children between the ages of 0 and 9 years make up 14.6 percent of the population (ESRI Business Analyst, 2016). 12.81 percent of the population speaks Spanish at home; 7.27 percent of families live below poverty level. ("Pop-Facts: Demographic Snapshot 2015 Report," Nielsen Solution Center.) The median household income is estimated at \$71,171 (Sperling's Best Places, 2016).

Chandler has 844.7 miles of centerline roadway and 129 miles of alleys. Chandler citizens and other commuters operate vehicles on 2,052.1 lane miles of city-maintained roadways. Segment traffic volumes on the City's arterials range from 2,800 to 41,200 vehicles per weekday. Approximately 17 miles of freeway (Interstate 10, State Route 101 and State Route 202) run through the City.

Chandler Fire, Health & Medical Department (CFHM) provides fire, emergency medical, hazardous material,

Proposal Summary

and technical rescue services to Chandler residents and to neighboring cities under automatic aid agreements. The Department responded to 23,440 emergency calls during 2015 including 17,106 medical calls and 449 fires. There are 234 sworn and civilian employees. All station personnel are EMT certified and 131 of them are paramedics. Additional certifications held by Chandler firefighters include HazMat, technical rescue, wildland firefighting, child passenger safety technician, and bilingual certification.

Problem Statement:

What problem is your agency looking to solve with this grant? Provide appropriate data to support funding. NHSTA, SafeKids, and the American Academy of Pediatrics all recommend children ages 0 to 12 years ride in the back seat secured in the correct child passenger restraint system for their size and age. Sadly, not all families follow this recommendation.

Motor vehicle crashes remain a leading cause of deaths and injuries for children in the U.S. ("Child Passenger Safety: Get the Facts, CDC, 2016). During 2013, 638 children under 12 years old died as occupants in motor vehicle accidents (Traffic Safety Facts: 2013 Data, NHTSA, 2015), and 127,250 others were injured (CDC). In Arizona, 20 children ages 0-9 years died and 1,972 others were injured as a result of motor vehicle accidents in 2014 ("Arizona Motor Vehicle Crash Facts 2014," ADOT, 2015).

Child safety seats (CSS) reduce the risk of child injuries and deaths in a crash. When used properly, CSS reduce the risk of death by 71 percent for infants under 1 year and 54 percent for toddlers ages 1-4 years in cars, and by 58 percent and 59 percent respectively in SUVs, pickups, and vans ("SAFETY 1N NUMB3RS," NHTSA, Sept. 2013). Booster seats reduce the risk of serious injury by 45 percent for ages 4 to 8 years when compared with seat belts alone ("Buckle Up Booster Seats," SafeKids, 2014). Still, AZGOHS reports that in 2012, safety restraint usage for Arizona children was only 75 percent; 25 percent of Arizona children ride unrestrained.

In a 2013 SafeKids' survey, 1 in 4 parents said they have driven with their children unrestrained. CSS offer no protection if they aren't used. Thirty eight (38) percent of the children ages 12 years and younger who died in a crash during 2013 were not buckled up (NHTSA, 2014). Kids must be buckled up every time they ride. Not all children ride in the correct CSS for their age and size. In the September 2013 issue of "SAFETY 1N NUMB3RS," NHTSA reported 14 percent of 1 to 3 year olds are put in booster seats or seat belts too soon. Twenty-five percent of 4 to 7 year olds are put in seat belts too soon. Children restrained in seat belts alone are at risk of severe abdominal, head and spinal injuries in the event of a crash (SafeKids, 2014). Kids must be in the right seat every time they ride.

A 2013 study by Injury Prevention found 30 percent of caregivers who thought they had installed their child's CSS correctly had actually installed it inaccurately and not securely. An improperly installed CSS increases the risk of injury by allowing excessive movement of the child during a crash ("Technical Report-Child Passenger Safety," American Academy of Pediatrics, 2011). Child restraint misuse is as high as 73 percent ("Countermeasures that Work," NHTSA, 2013). Kids must be in a CSS that is properly installed. NHTSA (2013) reviewed studies evaluating strategies for increasing CSS usage and ensuring CSS are used properly. Child restraint inspection events and "hands-on" education both make a significant difference in whether or not parents correctly use CSS.

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.

Past attempts to solve the problem include child safety seat clinics, child safety seat (CSS) distribution, public education, and enforcement of Arizona's child restraint laws.

Chandler Fire, Health & Medical Department (CFHM) has been holding CSS clinics for 15 years. As of January 2016, CFHM child passenger safety technicians (CPST) have taught the families of more than 11,823 children to install CSS safely and correctly. Hundreds of CSS have been provided to children from low income families, and everyone who has attended a clinic has received educational materials on the importance of buckling up all family members. All of this has been accomplished in partnership with the Arizona Governor's Office of Highway Safety (GOHS).

The program has grown substantially since 2001, when CFHM held monthly clinics at the fire stations. Clinics are now held at CFHM's Training Facility or at Chandler Regional Medical Center. During FFY 2015, CFHM held 43 clinics, installed 1,020 CSS, and distributed free CSS to 127 children.

CFHM began partnering with GOHS in 2002. During FFY 2016, GOHS is providing overtime (OT) for CPSTs and funds to purchase CSS. CFHM is paying the OT and registration costs to certify/re-certify technicians, and to purchase materials and supplies (e.g., foam planks, shelf liner, educational materials). CFHM currently has 17 CPSTs including a tech at headquarters to provide installs during the week. CFHM's fleet includes a "car seat van" (panel truck) to transport supplies and CSS, and volunteers serve as scribes at the clinics. CFHM provides a dedicated phone line for scheduling appointments and answering child passenger safety questions. CFHM's partnership with Dignity Healthcare enables the Department to hold clinics at various locations and to provide service to residents of Chandler and other cities. (About 31 percent of participants do not live in Chandler.) Chandler CPSTs participate in regional events. In FFY 2016, CFHM will participate in regional clinics at Mercy Gilbert Medical Center and at Mesa Community College.

Multiple methods have been used to educate families about child passenger safety. Hands-on instruction is provided to caregivers at every CSS clinic. Printed safety information is handed out along with the "Ride Safely" DVD funded by a prior GOHS award. The DVD stresses the importance of vehicle restraints for children and adults. Information on the CAPP program is provided as well.

Press releases are issued and child passenger safety info is available on CFHM's website at www.chandleraz.gov/fire. The website gives dates, times, and locations for each clinic. CFHM prints postcards advertising the car seat clinics program and distributes them at public education and community events. Large signs are used at each clinic to encourage "drive up" customers. The GOHS logo is displayed on both signs and postcards.

The Chandler Police Department issued 58 child restraint citations during CY 2015.

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 project goal is to reduce the number of Arizona children killed or injured in motor vehicle accidents by increasing child safety seat usage in Chandler and surrounding communities. Six objectives have been developed to address this goal. Unless otherwise noted, the word "children" refers to child vehicle passengers between 0 and 8 years of age, and the words "parents and caregivers" refer to the adults responsible for those children.

1. To reduce the number of Arizona children killed while riding in motor vehicles.
2. To reduce the number of Arizona children injured while riding in motor vehicles.
3. To increase the number of Arizona parents and caregivers who protect their children by using properly installed, age and size appropriate child passenger restraints every time they ride.
4. To distribute child safety seats to families that cannot afford to purchase them for their children.
5. To conduct education on the proper and consistent use of passenger restraints for all age groups using multiple methods between October 1, 2016 and September 30, 2017.
6. To promote the "Buckle Up, Baby" hotline and Children Are Priceless Passengers (CAPP) between October 1, 2016 and September 30, 2017.

Method of Procedure:

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

The project will be initiated upon receipt of a grant award. No start up or preparation time is required. The total time to complete the project will be one year; however, Chandler Fire, Health & Medical Department (CFHM) plans to continue offering these services as long as funding can be secured.

Four (4) four-hour child safety seat (CSS) clinics will be held each month at locations throughout Chandler except during June, July and August when two (2) clinics will be held each month. At least one clinic per quarter will be held in partnership with another agency (e.g., Chandler Regional Medical Center/Dignity Health) to increase visibility and reach a wider segment of the community. CFHM will participate in locally held regional car seat events.

At least one clinic will be scheduled at the Chandler CARE Center. This clinic will target low income, Spanish speaking families who do not have car seats for their children. The Chandler CARE Center is a free clinic operated by the Chandler Unified School District. CFHM will work with the CARE Center to identify families in need, schedule appointments, and provide translators to work at the event.

Each clinic will be staffed by 4 child passenger safety technicians (CPST). CPSTs will install and inspect all

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

CSS and provide CSS to families that cannot purchase one on their own. Parents and caregivers will receive hands-on instruction to insure they can correctly install the CSS themselves.

The requested CSS will be purchased as soon as possible following receipt of an award and the authorization to proceed letter. CFHM has analyzed past demand for CSS in order to assure the requested equipment can be distributed during the grant performance period.

CFHM will ensure CPSTs continue to have access to and use the most current techniques and information by paying the overtime and registration costs of certification and recertification.

Clinic participants will be given printed information on passenger safety for children and adults, the "Buckle Up, Baby" hotline, and a "Ride Safely" DVD.

Press releases will be issued to promote public awareness of the program and its goals. The child safety seat clinics program will be advertised on CFHM's website, at CFHM open houses, and at public education demonstrations. The program will also be publicized to new parents through Dignity Health.

Clinic participants will be surveyed to assess what they learn at the clinics and to gather data that may suggest ways to improve the program.

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."

1. Conduct 42 child safety seat clinics between October 1, 2016 and September 30, 2017.
2. Partner with the Chandler CARE Center to conduct a child safety seat clinic for low income, Spanish speaking families. Distribute child safety seats (CSS) to families at this event.
3. Participate in two locally held regional car seat events.
4. Staff every child safety seat clinic with 4 child passenger safety technicians.
5. Maximize the time each technician is engaged in installation, inspection, and instruction by continuing to use Chandler Community Emergency Response Team (CERT) volunteers as scribes at the clinics.
6. Perform at least 1,000 CSS installations between October 1, 2016 and September 30, 2017.
7. Distribute 150 CSS to low-income families between October 1, 2016 and September 30, 2017.
8. Maintain CPST certifications for a minimum of 12 Chandler firefighters.
9. Provide education on the proper and consistent use of passenger restraints as follows:
 - a. Provide both written and hands-on instruction to every parent and caregiver who attends a child safety seat clinic.
 - b. Provide written and verbal instruction in Spanish to Spanish speaking families.
 - c. Distribute "Ride Safely" DVDs to child safety seat clinic participants.
 - d. Remind parents and caregivers to use their seat belts and to insist that everyone riding with them is properly restrained, especially older children.
 - e. Issue press releases to promote public awareness of the child safety seat clinics program.
 - f. Feature the child safety seat clinics program on the Chandler Fire, Health & Medical Department website.
 - g. Provide clinic participants with information on the "Buckle Up, Baby" hotline.
 - h. Provide clinic participants with information on the Children Are Priceless Passengers (CAPP) program.
 - i. Survey clinic participants to assess what they learn at the clinics and to identify ways to improve this service.

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

Highway Safety FY2017

Organization: Chandler Fire, Health & Medical Department

HS-FY2017-Chandler Fire Department-00061

Traffic Data Summary - Fire District

Only fill out these following questions if your agency is a Fire Department/District.

Description	2015	2014	2013
Traffic Calls for Service	1835	1728	1596
Injuries	1122	1069	949
Fatalities	9	7	9
Crash To Hospital Arrival Times	36	0	0

Personnel Services

Description

A total of \$37,399 in personnel expenses is being requested. This number includes \$28,460 in overtime (OT) and \$8,939 in employee related expenses (ERE).

The requested amount will provide funding for 4 CPSTs at 42 car seat clinics lasting 4 hours each. One CPST will receive an extra hour of pay per clinic. This person will be responsible for driving the car seat van to the clinic location, refueling and restocking the vehicle, and returning it to the station following the event.

Seventeen (17) hours of overtime are required to staff each clinics (3 CPSTs x 4 hours plus 1 CPST x 5 hours).

There are 42 clinics, so a total of 714 hours of overtime will be required for the year.

The average OT rate of the techs is \$39.86 per hour. 714 x \$39.86 = \$28,460.04.

Employee related expenses include Medicare at 1.45%, Workers Compensation Insurance at 5.51%, and Public Safety Retirement at 24.45% for a total ERE rate of 31.41%. The total ERE cost will be \$8,939.30.

Personnel Services:

Employee Related Expenses:

Description	Requested Amount	ERE %	ERE Amount	Overtime Amount
Overtime Compensation for Child Passenger Safety Technicians	\$37,399	31.41%	\$8,939	\$28,460
		%	\$0	\$0
		%	\$0	\$0
		%	\$0	\$0
		%	\$0	\$0
		%	\$0	\$0
		%	\$0	\$0
		%	\$0	\$0
		%	\$0	\$0
		%	\$0	\$0
Total:	\$37,399		\$8,939	\$28,460

Highway Safety FY2017

Organization: Chandler Fire, Health & Medical Department

HS-FY2017-Chandler Fire Department-00061

Professional and Outside Services

Description

Description

Amount

Total \$0

Highway Safety FY2017

Organization: Chandler Fire, Health & Medical Department

HS-FY2017-Chandler Fire Department-00061

Total Estimated Cost

Budget Item	Amount	
Personnel Services	\$28,460	
Employee Related Expenses	\$8,939	31.41%
Professional and Outside Services	\$0	
Travel In-State	\$0	
Travel Out-of-State	\$0	
Materials and Supplies	\$286	
Capital Outlay	\$9,571	
Total Estimated Cost	\$47,256	