Applicant Agency: City of Delray Beach Police Department

Implementing Agency: City of Delray Beach Police Department

Concept Paper Title: Delray Beach Occupant Protection/Child Passenger Safety

Amount Requested: $50,000.00

Priority Area for Concept Paper: (Select Only One)

☐	Aging Road Users	☐	Planning and Administration (FDOT Only)
☐	Community Traffic Safety Outreach	☐	Police Traffic Services
☐	Distracted Driving	☐	Public Traffic Safety Professionals Training
☐	Impaired Driving	☐	Speed/Aggressive Driving
☐	Motorcycle Safety	☐	Teen Driver Safety
☒	Occupant Protection and Child Passenger Safety	☐	Traffic Records
☐	Paid Media (FDOT Only)	☐	Traffic Records Coordinating Committee (TRCC)
☐	Pedestrian and Bicycle Safety	☐	Work Zone Safety

Type of Project: (Select Only One)	**Type of Request:** (Select Only One)
☒ Local ☐ Statewide	☒ Initial ☐ Continuation – Year _____ Previous Year's Project Number (if Continuation): _____

Ranking: (if Local Project)

☒ City - 10 of 99   ☒ County - 4 of 25

OR   ☐ Identified Need (Data outside of Fatalities and Injuries)

Head of Agency:

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Project Contact:

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FDOT USE ONLY:

Concept Paper Number: _____

Statement of the Problem: (Provide details about the traffic safety problem that you want to address.)

When manufactured seat belts and child restraints are properly installed and utilized, studies show that they can save lives and prevent injuries. Delray Beach in located in Palm Beach County, FL. As of 2015, the population of Delray Beach consist of 63,939 residents (U.S. Census Bureau Facts).

In 2016, there was 3,803 crashes recorded in the City of Delray Beach which consisted of 12 traffic fatalities. Of those 12 fatalities, 2 victims were not wearing their safety belts at the time of the incidents. In 2016, according to FDOT (Florida Department of Transportation) the user rate for seat belts in the State of Florida was 89.6%. In Palm Beach County the user rate was 91.5%.

According to the FDOT Highway Safety Matrix in 2016, Delray Beach ranked 10# out of 99 cities in the county for cities with a population of 15,000-74,999 in regards to Occupant Protection (usage of safety belts). Motor vehicle crashes are the leading cause of deaths in the U.S. In 2015, more than 35,000 people died from motor vehicle crashes compared to 32,000 in 2014 (Insurance Institute for Highway Safety).

In 2016, the Delray Beach Police Department wrote 677 safety belt violations and 38 child restraint citations. This detailed information shows that many residents and their children are unrestrained occupants.

Supporting Data: (Include at least three years of crash, injury, fatality, and citation data, to show the extent of the problem. If outside the top 25% for your city or county, provide further details to support your identified need.)

The following data is provided by the Delray Beach Police Department database (RMS).

Safety Belt Citations   2014: 1065
                                        2015: 988
                                        2016: 677

Child restraint Citations: 2014: 29
                                        2015: 38
                                        2016: 38

Injury Crashes   2014: 925
                                        2015: 654
                                        2016: 668

Fatalities   2014: 4
                                          2015: 6
                                        2016: 12

Based on detailed information there is strong evidence that safety belt laws, child restraint laws and educational programs are very effective ways to increase seat belt and child restraint usage (Safe Kids USA). In 2016, Delray Beach Police Department placed greater focus on pedestrian crashes due to 4 fatalities with motor vehicles which had occurred in the city. Messages boards, social media and press releases were used to educate pedestrians about traffic dangers that exist on city roadways.

Proposed Solution: (Provide the specific countermeasure(s), chapter, and section you plan on implementing from the NHTSA Countermeasures That Work guide, found at: http://www.fdot.gov/safety/3-Grants/CountermeasuresThatWork8th.pdf. Explain how the countermeasure(s) that you plan to implement will address the problem and how the funding that you have requested will support those countermeasure(s). If no NHTSA countermeasure(s) exist, explain the basis of your selected strategy and how it will be effective.)

The Delray Beach Police Department's Traffic Unit will conduct result-driven high visibily enforcement on major roadways where the majority of pedesrian/vehicle crashes occur in the City of Delray Beach. Officers will also conduct continued traffic safety belt enforcement on documented roadways. The Traffic Unit will also provide continued education through the issuance of warnings and citations.

The Delray Beach Police Department currently utilizes a solar powered ALS message boards to educate drivers on the importance of utilizing their safety beats. These signs are being used for public information and education methods. Areas in which the signs are used include: School Zones and heavily traveled roads during peak driving times. The signs are also used during statewide traffic enforcement campaigns, such as: "Click it or Ticket",etc.

The Delray Beach Police Department regularly posts traffic campaigns and enforcement information on social media including: Delray Beach Police Department Facebook, Twitter and Instagram accounts. The departments PIO also provides the public with first hand knowledge about taffic enforcement that is being utilized in the city.

It is the Delray Beach Police Department Patrol and Traffic Units mission to continue its long standing relationship with its residents. The Traffic unit will participate in community events to raise awareness and enforce safety belt and child restraint laws.

Sustainability: (If local project, provide details about how you plan to continue the safety efforts after the initial funding period has ended. If you cannot continue the safety efforts, provide details about what will prevent you from continuing. Does not apply to statewide projects.)

The Delray Beach Police Department Traffic Unit has successfully implanted and continued safety efforts towards educating the public about the importance of utilizing safety belts and child restraints. The Traffic Unit will continue to utilize message boards, social media and press releases to inform the public of enforcement areas in the city. Community events which take place in the city also provide officers the benefits of providing citizens and tourist the safety benefits of wearing safety belts.

The Delray Beach Police Department maintains a full time traffic unit which has established a strong relationship with the citizens of Delray Beach. It is the sole responsibility of the traffic unit to ensure that all traffic laws and city ordinances are followed by every commuter. The traffic unit will continue to make traffic safety their top priority.

Project Objectives: (List the short term objectives that you have for the project. All objectives must be quantifiable, such as, "To reduce the number of crashes by 5% compared to the 3 year average of the most recent data by conducting 12 sobriety checkpoints during the sub-grant period; Providing 12 public education outreach events in the community during the sub-grant period.")

1. The Delray Beach Traffic Unit seeks to achieve their goals and objectives by educating the community in regards to wearing safety belts and providing children with proper child restraints throughout the project.

2. To increase public awareness about safety belt and child restraint usage by utilizing message boards, billboards, fliers, social media and press releases.

3. Conduct High Visibility Enforcement with the hope of decreasing the number of citations for safety belt usage in future years.

4. While participating in community events, enforcement contacts will be made to promote occupant protection safety.

Evaluation: (Explain how you will determine each project objective has been met by using one or more of the following methods: Formative, Process/Administrative, Impact, and Outcome. Details about the four methods of evaluation can be found at http://www.fdot.gov/safety/3-Grants/Grants-Home.shtm)

The Delray Beach Police Department Traffic Unit will evaluate the success of the Occupant Protection Program by utilizing an outcome evaluation approach outlined by FDOT. The Traffic Unit will target drivers who fail to wear safety belts and provide their children with properly fitted child seats.

The Traffic Unit will educate drivers based the cause and effect method which can lower the amount of injuries and fatalities and also change the mindset of drivers in the city. Traffic Officers have access to and will be able to regularly utilize the Delray Beach database system (RMS), an instrument to properly evaluate officer's success.

Enforcement will be recorded and measured by the number of citations that are issued for safety belt violations and child seat violations. The Traffic Unit will also record the number of occupant protection presentations completed and community events attended.

Additional Questions for Traffic Records Coordinating Committee (TRCC) Priority Area: (Only complete if requesting funding from the Traffic Records Coordinating Committee.)

Do you anticipate needing funding for multiple years to complete this project?

☐ Yes

☐ No

If yes, Please provide additional details below:

Project will impact the following Traffic Records Information System(s): (Select All That Apply)

☐ Citation/Adjudication   ☐ Driver   ☐ Roadway

☐ Crash   ☐ EMS/Injury Surveillance System   ☐ Vehicle

Project will impact the following performance area(s): (Select All That Apply)

☐ Accessibility   ☐ Completeness   ☐ Timeliness

☐ Accuracy   ☐ Integration   ☐ Uniformity

Project will advance the following goal(s) for Florida's Traffic Safety Information Systems: (Select All That Apply)

☐ Accessibility   ☐ Data Quality   ☐ Utilization

☐ Coordination   ☐ Integration

Goal Support: (Explain how the project will help advance the goal(s) selected above.)

CONCEPT PAPER BUDGET

List each item for which you are requesting funding and the estimated cost of the item(s). Any matching funds that can be provided from other sources should be listed in the Match section. Equipment that has a per unit cost of $1,000 or more should be listed in the Operating Capital Outlay section.

BUDGET CATEGORY	TOTAL	FEDERAL FUNDING	MATCH	
			STATE	LOCAL
A. Personnel Services Overtime salary and benefits for enforcement operations.	$50,000	$50,000	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
Subtotal	$50,000	$50,000	$ 0	$ 0
B. Contractual Services				
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
Subtotal	$ 0	$ 0	$ 0	$ 0
C. Expenses				
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
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	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
Subtotal	$ 0	$ 0	$ 0	$ 0

CONCEPT PAPER BUDGET

BUDGET CATEGORY	TOTAL	FEDERAL FUNDING	MATCH	
			STATE	LOCAL
D. Operating Capital Outlay				
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
	$ 0	$0	$0	$0
Subtotal	$ 0	$ 0	$ 0	$ 0
E. Indirect Cost				
	$ 0	$0	$0	$0
Subtotal	$ 0	$ 0	$ 0	$ 0
Total Cost of Project	**$50,000**	**$50,000**	**$ 0**	**$ 0**

FDOT USE ONLY:

Postmark Date: _____

Date Received: _____

Entered Into Database: _____

Assigned Priority Area: _____

Planner Assigned: _____

Date Assigned: _____

Planner Received: _____