

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
HIGHWAY SAFETY CONCEPT PAPER

500-065-17
SAFETY
12/14

Applicant Agency: City of Delray Beach Police Department

Implementing Agency: City of Delray Beach Police Department

Concept Paper Title: Delray Beach Police Speed/Aggressive Driving Enforcement Program

Amount Requested: \$100,000.00

Priority Area for Concept Paper (Select Only One):

- | | |
|---|--|
| <input type="checkbox"/> Aging Road Users | <input type="checkbox"/> Pedestrian and Bicycle Safety |
| <input type="checkbox"/> Community Traffic Safety Outreach | <input type="checkbox"/> Planning and Administration (FDOT Only) |
| <input type="checkbox"/> Distracted Driving | <input type="checkbox"/> Police Traffic Services |
| <input type="checkbox"/> Impaired Driving | <input type="checkbox"/> Public Traffic Safety Professionals Training |
| <input type="checkbox"/> Motorcycle Safety | <input checked="" type="checkbox"/> Speed/Aggressive Driving |
| <input type="checkbox"/> Occupant Protection and Child Passenger Safety | <input type="checkbox"/> Teen Driver Safety |
| <input type="checkbox"/> Paid Media (FDOT Only) | <input type="checkbox"/> Traffic Records |
| | <input type="checkbox"/> Traffic Records Coordinating Committee (TRCC) |

Type of Project (Select Only One):

☒ Local ☐ Statewide

Type of Request (Select Only One):

☒ 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:

Name: Jeffrey Goldman

Title: Chief of Police

Address: 300 W. Atlantic Avenue

Delray Beach, FL 33444

Phone: (561) 243-7800 Extension: _____

E-Mail: GOLDMANJ@mydelraybeach.com

Project Contact:

Name: Kristina Maricic

Title: Project Director

Address: 300 W. Atlantic Avenue

Delray Beach, FL 33444

Phone: (561) 243-7800 Extension: _____

E-Mail: MARICIC@mydelraybeach.com

FDOT USE ONLY:

Concept Paper Number: _____

Postmark Date: _____

Date Received: _____

Entered Into Database: _____

Assigned Priority Area: _____

Planner Assigned: _____

Date Assigned: _____

Planner Received: _____

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

The purpose of the Highway Traffic Safety Program is to develop, implement, and manage a data-driven comprehensive traffic safety program aimed at saving lives, preventing injuries and reducing related costs associated with traffic crashes on Florida's roadways.

The City of Delray Beach is located along the Atlantic Coast and is one of the southern most cities in Palm Beach County, Florida. The city has approximately 70,000 year round residents. During the winter months, September through April, there is a sharp increase in winter residents and tourists. This increases our city's residency to approximately 120,000. The city is approximately 22 square miles and lies between West Palm Beach, which is 20 miles north and the city of Miami, which is 50 miles to the south.

A problem that exists and continues to increase in the City of Delray Beach is "Speeding/Aggressive Driving". Driving behaviors that are typically associated with aggressive driving include: Excessive speed, Following too closely, Improper lane changes, Improper signaling during lane changes, Failure to obey traffic control devices, (red light violations, stop signs, yield signs, traffic signals, railroad signs, etc.). "The NHTSA calls the act of red light running as one of the most dangerous forms of aggressive driving."

In the past 3 years, from 2014-2016, the City of Delray Beach has seen a large increase in vehicular crashes that resulted in fatalities. These crashes occurred due to speeding and aggressive drivers and the incline of residents and vacationers who visit the downtown area. Due to the increase of residents there has been a large increase of citations issued from past years.

Delray Beach currently is ranked 10th for Speed/Aggressive Driving and 16th for Serious Injuries and Fatalities in the FDOT Highway Safety Matrix. According to F.I.R.E.S (Florida's Integrated Report Exchange System) traffic fatalities increased in Florida from 2,497 in 2014 to 3,053 in 2016. The city of Delray Beach has been directly impacted by these trends having 10 traffic fatalities in 2014-2015 and 12 in 2016. It is this agencies goal to increase safety awareness and reduce injury accidents.

Due to staffing shortages and budget constraints this overtime grant will allow the Delray Beach Police Department to increase enforcement and thus reduce crashes throughout the city.

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.)

F.I.R.E.S Portal Crash Data for the City of Delray Beach:

Local Date: Total Traffic Homicides 2014-2016: 22

Traffic Homicides:	2014: 4 2015: 6 2016: 12
Crashes	2014: 3326 crashes with 925 injuries 2015: 3627 crashes with 654 injuries 2016: 3803 crashes with 668 injuries
Total Citations	2014: 13553 2015: 22167 2016: 20512
Traffic Control Device	2014: 1131 2015: 1619 2016: 1201
Stop Sign	2014: 1125 2015: 1497 2016: 1396
Speeding	2014: 2684 2015: 3104 2016: 3386
Careless Driving	2014: 865 2015: 925 2016: 832
Red Light	2014: 328 2015: 447 2016: 387

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.ghsa.org/html/publications/countermeasures.html>. 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 members of the Delray Beach Police Department's Patrol Division and Traffic Division/Police Motor Unit will conduct result-driven HIGH VISIBILITY ENFORCEMENT at major intersections where the majority of crashes occur in the City of Delray Beach. These divisions will deploy to documented roadways where speeding is a problem and vigorously conduct speed enforcement utilizing education, and through the issuance of warnings and citations.

The Delray Beach Police Department currently utilizes a solar powered ALS message boards. 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 Traffic Unit also utilizes a marked police Radar Trailer. This Trailer is deployed in areas to include: School Zones, and on roadways where speeding is a problem. This radar trailer is left in an area for one week and during that time it records statistical data. The traffic unit analyzes this data and deploys to these areas based on the statistical data recorded by the radar trailer.

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.

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 City of Delray Beach Police Department Traffic Unit plans to continue speed/aggressive driving enforcement after the grant period. The traffic unit routinely targets high crash intersections and city corridors to conduct high visibility speed/aggressive driving enforcement. The traffic unit utilizes message boards and social media to deter/alert citizens of enforcement areas.

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. Educate all Delray Beach Police Department Officers on Aggressive Driving, (areas of concern within the city, enforcement options and education)
2. Increase public awareness of Aggressive Driving through education, (i.e. Message Boards, billboards, fliers, mini PSA's, Facebook, twitter and instagram, etc.)
3. Reduce the number of crashes and fatalities within the city limits by 5% compared to last years crash/fatality data.
4. Increase the number of enforcement contacts using solutions from proposal by 10%.

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.dot.state.fl.us/safety/3-Grants/Grants-Home.shtm>)

The Delray Beach Police Department will utilize a combination of program evaluations outlined by the FDOT safety Office to evaluate the overall success of the program. Initially, the traffic unit will use the Formative approach and target locations where speed/aggressive driving high visibility saturations will occur. This will be done by using crash data at or near major intersections and city arteries where speeding is evident from continuing enforcement.

The Delray Beach Police Traffic Unit will be continuously recording traffic contacts during Aggressive Driving Enforcement which will assist in conducting the Process Evaluation where statistical data including ongoing crash data, saturation data and citation data will drive where, when and how to conduct enforcement in a particular area. Traffic officers have access and regularly utilize the Delray Beach Police Department's in house RMS/OSSI computer software/database to obtain the statistical data needed to conduct such evaluation.

The Overall Success of the program will be determined during an Outcome Evaluation that will consider whether the program goals actually changed citizen driving behaviors therefore reducing crashes, injury crashes and fatalities in the City of Delray Beach.

CONCEPT PAPER BUDGET

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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	\$100,000	\$100,000	\$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
Subtotal	\$100,000	\$100,000	\$ 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
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	\$ 0	\$0	\$0	\$0
Subtotal	\$ 0	\$ 0	\$ 0	\$ 0

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BUDGET CATEGORY	TOTAL	FEDERAL FUNDING	MATCH	
			STATE	LOCAL
D. Operating Capital Outlay	\$ 0	\$0	\$0	\$0
	\$ 0	\$0	\$0	\$0
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	\$ 0	\$0	\$0	\$0
	\$ 0	\$0	\$0	\$0
	\$ 0	\$0	\$0	\$0
Subtotal	\$ 0	\$ 0	\$ 0	\$ 0
E. Indirect Cost	\$ 0	\$0	\$0	\$0
	\$ 0	\$0	\$0	\$0
	\$ 0	\$0	\$0	\$0
	\$ 0	\$0	\$0	\$0
Subtotal	\$ 0	\$ 0	\$ 0	\$ 0
Total Cost of Project	\$100,000	\$100,000	\$ 0	\$ 0