

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
HIGHWAY SAFETY CONCEPT PAPER
Concept Paper Summary

Applicant Information

Applicant Agency:	City of Boynton Beach
Implementing Agency:	Boynton Beach Police Department
Concept Paper Title:	Boynton Beach Speed and Aggressive Driving Program
Priority Area for Concept Paper:	Speed/Aggressive Driving
Amount Requested:	\$40,000.00
Type of Project:	Local
Type of Request:	Continuation - 4
Previous Year's Project Number (if Continuation):	SC-20-13-06

Head of Agency

Name:	Michael G. Gregory	State:	Florida
Title:	Chief of Police	Zip:	33425
Address 1:	PO Box 310	Phone:	(561) 742-6100
Address 2:		Extension:	
City:	Boynton Beach	Email:	gregorym@bbfl.us

Project Contact

Name:	Jaclyn Smith	State:	Florida
Title:	Officer	Zip:	33425
Address 1:	PO Box 310	Phone:	(561) 742-6195
Address 2:		Extension:	
City:	Boynton Beach	Email:	smithja@bbfl.us

Statement of the Problem:

The City of Boynton Beach is located along the Atlantic Coast in the southern part of Palm Beach County . The city has approximately 75,000 year-round residents. During the winter months there is a sharp increase with part-time residents and tourist. The city is approximately 16 square miles and lies between West Palm Beach, 10 miles to the north, and City of Miami, which is approximately 50 miles to the south. The City of Boynton Beach has 9 major roadways, including Boynton Beach Boulevard (SR804), which is the main roadway that has exit/entrance to I-95 and Florida's Turnpike.

According to Florida Department of Transportation (FDOT) fiscal year (FY) 2021 Highway Safety Matrix, the City of Boynton Beach ranked 27 out of 33 for speed and aggressive driving - related serious injuries or

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fatalities.

Though our enforcement efforts have helped, it is clear that continued education and enforcement of the state's speed and aggressive driving laws is necessary in order to reduce the incidences of serious injuries and fatalities on the city's roadways. Traffic data provided below.

Supporting Data:

2019:

Total speeding citations 1781

Total overall citations 7095 w/o RLC | 15638 w/ RLC

Total crashes 3027

Total crashes with fatalities 5

Total crashes with injuries 448

2018:

Total speeding citations 1918

Total overall citations 6867 w/o RLC | 16928 w/ RLC

Total crashes 3178

Total crashes with fatalities 6

Total crashes with injuries 502

2017:

Total speeding citations 1484

Total overall citations 6530 w/o RLC | 9285 w/ RLC

Total crashes 3297

Total crashes with fatalities 6

Total crashes with injuries 511

Proposed Solution:

The Boynton Beach Police Department believes that the success of any traffic safety program is not solely hinged on either component of enforcement, education, or engineering. This program aims to reduce traffic crashes, fatalities and serious injuries that are speed and/or aggressive driving related by the implementation of the following components.

The Boynton Beach Police Department will review crash data on a weekly basis in order to determine high frequency crash serious injury and fatality locations throughout our jurisdiction. We will develop schedules for

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traffic personnel to conduct "zero tolerance" overtime high visibility enforcement operations at the determined locations. The project director will be responsible for ensuring that the data is reviewed each week, in order to review for any possible changes in the list. Our agency will commit to locating and targeting 10 total locations for this program. In addition, the project director will be responsible for distributing this top 10 list to all traffic personnel so that they can concentrate on these specific areas, which will increase law enforcement presence. The speed measurement devices purchased with subgrant funds will be utilized on the roadways that are determined through data to have a high volume of speeding vehicles and crash history.

The Boynton Beach Police Department will also conduct education initiatives in local high schools, senior centers, businesses, civic organizations and public forums to raise awareness with speed-related issues. The Police Department will determine through a review of our traffic crash data which population groups are involved in a majority of the traffic crashes that occur within our jurisdiction. A special emphasis will be made to raise traffic safety awareness with this population group by targeting an area to solicit traffic safety and guidance. In order to facilitate the delivery of this traffic message, the Boynton Beach Police Department will partner with local resources such as the Community Traffic Safety Team, Law Enforcement Liaison Program, neighboring law enforcement agencies and local media outlets. The Boynton Beach Police Department will also participate in any statewide public awareness and enforcement campaigns sponsored by the Florida Department of Transportation Safety Office.

Sustainability:

The City of Boynton Beach has always put great effort to ensure our roads are safe and we will continue to do so even after the funding period is over.

Project Objectives:

- a. Strive to decrease speed and aggressive driving crashes and fatalities citywide by 5% when compared to the previous three-year average.
- b. Conduct speed and aggressive driving high visibility overtime enforcement operations.
- c. Participate in the state Operation Southern Shield campaign through speed and aggressive driving overtime enforcement operations and educational/community activities.
- d. Conduct and/or participate in educational/community outreach events to increase speed and aggressive driving awareness.
- e. Provide speed and aggressive driving information and education to the public through the use of message boards/local media outlets/ social media/press releases.

Evaluation:

- a. Speed and aggressive driving crashes and fatalities are reduced by 5% citywide, compared to the previous three-year average.

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b. The number of speed and aggressive driving high visibility overtime enforcement operations conducted during the subgrant period.

c. The number of speed and aggressive driving overtime enforcement operations conducted and educational/community activities conducted/participated in during the Operation Southern Shield campaign.

d. The number of educational/community outreach events conducted or participated in to increase speed and aggressive driving awareness.

e. The number of instances that speed and aggressive driving information and education is provided to the public through the use of message boards/local media outlets/social media/press releases throughout the subgrant period.

EXAMPLE

**STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
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BUDGET CATEGORY	TOTAL	FEDERAL FUNDING	Match	
			STATE	LOCAL
A. Personnel Services				
Overtime salary	\$30,000	\$30,000		
Subtotal	\$30,000	\$30,000	\$0	\$0

BUDGET CATEGORY	TOTAL	FEDERAL FUNDING	Match	
			STATE	LOCAL
B. Contractual Services				
Subtotal	\$0	\$0	\$0	\$0

BUDGET CATEGORY	TOTAL	FEDERAL FUNDING	Match	
			STATE	LOCAL
C. Expenses				
Speed measurement devices	\$10,000	\$10,000		
Subtotal	\$10,000	\$10,000	\$0	\$0

BUDGET CATEGORY	TOTAL	FEDERAL FUNDING	Match	
			STATE	LOCAL
D. Equipment Costing \$5,000 or More				
Subtotal	\$0	\$0	\$0	\$0

BUDGET CATEGORY	TOTAL	FEDERAL FUNDING	Match	
			STATE	LOCAL
E. Indirect Cost:				
Subtotal				

Total Cost of Project	\$40,000	\$40,000	\$0	\$0
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