

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

Applicant Information

Applicant Agency: Hollywood Police Department
Implementing Agency: Hollywood Police Department
Concept Paper Title: Speed and Aggressive Driving FY23
Priority Area for Concept Paper: Speeding and Aggressive Driving
Amount Requested: \$62,000.00

Type of Project: Local
Type of Request: Initial
Previous Year's Project Number (if Continuation):

Head of Agency

Name:	Chris O'Brien	State:	Florida
Title:	Chief of Police	Zip:	33021
Address 1:	3250 Hollywood Blvd	Phone:	(954) 967-4300
Address 2:		Extension:	
City:	Hollywood	Email:	cobrien@hollywoodfl.org

Project Contact

Name:	Ryan Ostrowsky	State:	Florida
Title:	Police Traffic Sergeant	Zip:	33021
Address 1:	3250 Hollywood Blvd	Phone:	(954) 967-6282
Address 2:		Extension:	
City:	Hollywood	Email:	rostrowsky@hollywoodfl.org

Statement of the Problem:

From 2019-2021 the City of Hollywood has experienced a steady rise in the number of traffic accidents involving serious bodily injuries or death.

The City of Hollywood is a principal city in Broward County with a residential population of 155,689, making it the 3rd largest Municipality in the County, and the 12th largest city in Florida. The City of Hollywood spans a land area of approximately 30 square miles. Within its jurisdictional limits there are two multi lane interstate roadways, Interstate 95 and the Florida Turnpike (SR 91) span the length of the City from North to South.

Hollywood also contains multiple Major roadways such as SR 7, US 1, Dixie Hwy, A1A, SR 817, 818, 820, 822, 824 and 848. Also adding to traffic in the city are two Federal pedestrian and cargo railways.

These multi lane roadways generate a substantially high level of traffic throughout the day and due to the swell of workforce and tourist traffic, the daytime population easily exceeds 200,000.

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Recently widened major roadways have allowed for increased traffic volume and speeds. Concurrent with trends, aggressive and improper driving patterns follow the above increases. Traffic analysts have concluded that speed and aggressive driving are the top causation factors for our investigated accidents. Another challenge the Hollywood Police Department is facing is in regard to speed measurement equipment. The department is maintaining multiple radar units deployed to the Patrol division that are over 10 years old, some are older and have been decommissioned. These units, although calibrated annually and function correctly, are built with dated technology that requires closer ranges for speed target acquisitions. The benefit of the new technology is offering greater reaction times for the Police Officers to identify the target, enter traffic and affect the traffic stop, thereby enhancing the Officer's safety. Easier target acquisition is achieved with the newer devices, which also allows Officers deployed to multi lane roadways throughout the city to more efficiently and effectively issue speed warnings and Uniform Traffic Citations with a higher degree of courtroom accuracy. There is presently no availability in the City Budget for the replacement of speed measurement devices.

Supporting Data:

In 2019 the Hollywood Police Department issued 14,672 Uniform Traffic Citations

In 2020 the Hollywood Police Department issued 7,895 Uniform Traffic Citations

In 2021 the Hollywood Police Department issued 11,489 Uniform Traffic Citations

In 2019 the Hollywood Police Department investigated 6038 traffic accidents, 16 fatal and with 28 serious bodily injury.

In 2020 the Hollywood Police Department investigated 4668 traffic accidents, 18 fatal and 23 with serious bodily injury.

In 2021 the Hollywood Police Department investigated 5452 traffic accidents, 17, fatal and 42 with serious bodily injury.

Accident investigators and analysts assigned to determine causation of the accidents have identified speed, aggressive and improper driving patterns as the most common factor.

Within the last 3 years, a number of roadways have been expanded due to the rise in traffic volume. Roadways such as SR 7 and A1A have enlarged, opening the opportunity for faster speeds, more motorists, and higher frequencies of accidents. Broward County ranks #2 for Aggressive driving according to the FDOT Highway Safety Matrix FY2023, Hollywood is the 2nd largest municipality in the county, its location and resources make it a prime location for those who live, work or visit Broward County. Hollywood ranks 15 in the Highway Safety Matrix of Florida Cities (Group 1) in aggressive drivers.

Proposed Solution:

Grant funding will be utilized to purchase new speed measurement devices, and fund personnel cost associated with High Visibility Enforcement Operations targeting aggressive drivers and speeding violators.

The Project Coordinator (Traffic unit Sergeant) will utilize the Police Records Management Software (RMS) and Crime View analytic software to identify the high accident locations and the peak days and times when they occur. Officers of the Hollywood Police Department will be strategically deployed with the aforementioned

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data in mind, as well as addressing any specific complaints identified through community outreach.

During the Grant period, operations will also be directed towards the City's 17 Civic Associations to enhance community awareness and cooperation.

Members will utilize Department issued speed detection and measurement devices to enforce FL State speeding Statutes. Officers selected for these operations will be speed measurement certified and will also employ the newly purchased speed measurement devices to conduct the operations.

Members will use strategic information to monitor identified High Frequency locations of aggressive drivers, i.e. rail crossings, multi lane roadways, and areas with fewer traffic control devices

Department speed trailers and electronic message boards will also be deployed at identified accident and driving complaint locations.

The Project Manager (Grants and Special Projects Manager) will coordinate with the Program Coordinator (Traffic Unit Sergeant) to ensure funds are appropriately utilized and sustained throughout the Grant funding cycle, and that all reporting is delivered as required by this Grant.

Sustainability:

The Hollywood Police Department (HPD) is committed to the safe movement of vehicles and pedestrians throughout the City. HPD maintains a full time Traffic Unit which consists of both sworn and non-sworn personnel. The Traffic Unit actively enforces State Traffic Laws to reduce traffic accidents and facilitate the safe and expeditious traffic flow of vehicular traffic.

Due to personnel shortages, these Grant opportunities allow the HPD to bolster the enforcement efforts of the Traffic Unit, by targeting high activity locations and saturating the areas with extra officers . In addition to the Grant funded operations, HPD routinely conducts City funded traffic operations throughout the year . HPD will continue take all appropriate measures and actions to ensure the safety of the motorist within our City.

Project Objectives:

Based on a 3 year average, the Grant funded operations will target the reduction of data in 5 areas:

- Increase speeding citations by 5%
- Reduce speed related traffic accidents by 4%
- Reduce traffic accidents with injuries by 5%
- Reduce fatal traffic accidents by 5%

HPD officers will attend at least 2 Civic meetings within each of the 17 Community Associations during the Grant period.

The purchase of new speed detection equipment will replace units from the aging and outdate current inventory. The newer and more compact units will afford easier operation and storage for Patrol officers tasked with a multitude of jobs, therefore enhancing their ability to enforce traffic laws throughout their shift . Approximately 1/3 of Grant funds will be applied towards purchasing new equipment.

Evaluation:

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Data for each quarter of the grant will be measured against data collected from the corresponding period(s) for the prior year(s). If it is determined that the planned enforcement operation has not made the anticipated impact, a new operations plan will be formulated and employed.

The Program Coordinator (Traffic Unit Sergeant) will ensure that weekly briefings are provided to officers, to discuss objectives and target locations. Any information/complaints gained from the Community Associations will be included in the operations planning.

Records of all activity will be collected by the Program Coordinator, and maintained by the Program Manager (Grants and Special Projects Manager). The information will include the following:

- Warnings and citations issued
- Locations and time period of placement of Speed measurement trailers
- Educational materials distributed
- Social media and any media press releases
- Civic association meeting notes
- Total number of operations conducted throughout the Grant period
- Number of speed measurement devices purchased

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Concept Paper Budget

BUDGET CATEGORY	NARRATIVE:	FEDERAL FUNDS	MATCH	TOTAL	INDIRECT ELIGIBILITY
A. Personnel Services					
40000	Overtime Costs for enforcement operations	\$40,000	\$0	\$40,000	
Subtotal		\$40,000	\$0	\$40,000	
B. Contractual Services					
Subtotal		\$0	\$0	\$0	
C. Expenses - Any purchase with a per item unit cost of \$200 or more from any line item within this Category, excluding software, must have FDOT State Safety Office written approval, prior to purchase.					
Subtotal		\$0	\$0	\$0	
D. Equipment Costing \$5,000 or More					
22000	Purchase of speed measurement devices.	\$22,000	\$0	\$22,000	
Subtotal		\$22,000	\$0	\$22,000	
E. Indirect Cost					
%		\$0		\$0	
Subtotal		\$0		\$0	
Total Cost of Project		\$62,000	\$0	\$62,000	



Police Department
Chris O'Brien, Chief of Police



tel: 954.967.4300
fax: 954.967.4314

February 28, 2022

Mr. Chris Craig, Traffic Safety Administrator
Florida Department of Transportation
605 Suwannee Street
Tallahassee, FL 32399-0450

RE: Concept Paper for year 2023, Speed and Aggressive Driving

Dear Mr. Craig,

I am writing to confirm that I am aware of and approve the Concept Paper being submitted by the Hollywood Police Department for review for FY 2023, titled "Speed and Aggressive Driving FY23". I believe the data provided will prove that we have a traffic safety need and have provided a proposed solution and budget for funding that will ultimately reduce speed and aggressive driving and reduce accidents and traffic fatalities. Thank you for your consideration in this matter.

Sincerely,

A handwritten signature in blue ink, appearing to be "C. O'Brien".

Chris O'Brien
Chief of Police

3250 Hollywood Boulevard
P.O. Box 229045
Hollywood, Florida
33021-6967
hollywoodfl.org



FY2023 Highway Safety Matrix - Ranking of Florida Counties



TARGET
ZERO
FATALITIES & SERIOUS INJURIES

(Based on total actual serious injuries and fatalities during 2016-2020)

Group I - Population of 200,001 and above - 26 Counties										Group II - Population of 50,001 to 200,000 - 15 Counties										Group III - Population of up to 50,000 - 26 Counties									
Florida County (Group I)	Aging Road Users (Drivers 65+)	Distracted Driving	Impaired Driving	Motorcyclists	Occupant Protection	Pedestrian or Bicyclist	Speeding or Aggressive Driving	Teen Drivers	Work Zones	Florida County (Group II)	Aging Road Users (Drivers 65+)	Distracted Driving	Impaired Driving	Motorcyclists	Occupant Protection	Pedestrian or Bicyclist	Speeding or Aggressive Driving	Teen Drivers	Work Zones	Florida County (Group III)	Aging Road Users (Drivers 65+)	Distracted Driving	Impaired Driving	Motorcyclists	Occupant Protection	Pedestrian or Bicyclist	Speeding or Aggressive Driving	Teen Drivers	Work Zones
Alachua	19	19	15	19	17	19	22	18	23	Bay	7	2	5	4	4	1	3	2	8	Baker	22	7	11	15	9	15	20	6	13
Brevard	12	13	14	11	14	13	10	12	15	Charlotte	6	7	6	5	12	5	7	12	6	Bradford	16	18	9	11	12	7	21	16	8
Broward	3	9	12	2	4	2	2	4	2	Citrus	2	1	4	1	2	3	1	3	1	Calhoun	21	8	21	20	22	24	19	18	22
Clay	26	26	22	26	26	26	26	26	26	Columbia	8	9	2	15	1	13	4	4	15	Desoto	3	9	8	1	6	1	12	5	1
Collier	18	14	18	23	19	18	23	20	24	Flagler	12	12	11	6	14	14	12	15	13	Dixie	20	17	16	22	13	12	16	19	6
Duval	14	10	2	9	5	7	11	9	6	Hernando	1	3	3	2	5	4	2	1	3	Franklin	24	23	25	23	26	18	24	25	24
Escambia	20	17	19	20	18	15	21	19	16	Highlands	3	6	9	8	6	8	6	5	14	Gadsden	7	3	3	7	5	9	2	12	17
Hillsborough	6	2	1	3	2	4	3	3	4	Indian River	4	10	10	11	7	7	8	6	5	Gilchrist	17	21	7	14	10	22	10	10	21
Lake	15	15	17	15	15	21	15	16	12	Martin	9	15	8	7	9	6	5	10	7	Glades	14	13	14	9	16	20	17	23	16
Lee	11	6	4	10	9	10	6	11	14	Monroe	11	4	14	3	15	2	13	14	12	Gulf	19	20	23	18	20	23	23	22	7
Leon	24	25	24	25	23	22	19	24	25	Nassau	13	14	7	14	11	15	14	7	4	Hamilton	18	16	15	19	17	11	6	11	23
Manatee	7	12	9	13	13	11	16	6	8	Putnam	14	13	1	10	3	10	11	11	10	Hardee	1	5	6	3	4	10	13	4	14
Marion	13	18	6	16	8	16	14	17	19	Santa Rosa	10	5	12	9	10	11	9	9	9	Hendry	8	6	12	4	8	2	9	13	2
Miami-Dade	4	7	8	1	1	1	4	2	5	Sumter	5	8	13	12	8	9	15	8	2	Holmes	9	19	20	17	19	19	15	7	9
Okaloosa	25	22	26	24	24	24	20	21	21	Walton	15	11	15	13	13	12	10	13	11	Jackson	5	1	5	6	3	5	7	3	5
Orange	8	1	5	5	6	3	5	1	1											Jefferson	12	12	19	26	15	17	11	17	19
Osceola	17	3	20	17	21	17	24	15	17											Lafayette	23	24	26	21	23	21	22	24	25
Palm Beach	2	8	10	7	3	6	1	7	11											Levy	4	4	2	2	1	6	3	2	11
Pasco	1	4	3	8	12	8	12	5	9											Liberty	25	26	22	25	25	26	25	26	26
Pinellas	5	11	7	6	7	5	8	8	13											Madison	13	11	18	16	21	13	8	21	18
Polk	16	16	13	12	10	12	9	14	20											Okeechobee	6	22	4	5	7	4	4	8	4
Saint Johns	23	23	21	22	25	25	25	25	22											Suwannee	2	2	1	8	2	3	1	1	10
Saint Lucie	22	24	23	21	20	23	17	23	18											Taylor	11	15	10	13	11	8	5	9	15
Sarasota	10	21	16	14	16	14	13	13	3											Union	26	25	24	24	24	25	26	20	20
Seminole	21	20	25	18	22	20	18	22	10											Wakulla	10	10	13	10	18	14	18	14	12
Volusia	9	5	11	4	11	9	7	10	7											Washington	15	14	17	12	14	16	14	15	3

Legend

Highest 25% in a category.

The information above has been compiled from information collected for the purpose of identifying, evaluating or planning safety enhancements that may be implemented utilizing federal funds. Any document displaying this notice shall be used only for the purposes deemed appropriate by the Florida Dept. of Transportation. See Title 23, United States Code, Section 409.



FY2023 Highway Safety Matrix - Ranking of Florida Cities

(Based on total actual serious injuries and fatalities during 2016-2020)



Group I - Population of 75,000 and above - 36 Cities

Florida City (Group I)	Aging Road Users (Drivers 65+)	Distracted Driving	Impaired Driving	Motorcyclists	Occupant Protection	Pedestrian or Bicyclist	Speeding or Aggressive Driving	Teen Drivers	Work Zones
Boca Raton	18	18	21	30	20	27	24	31	8
Boynton Beach	31	32	19	26	27	28	29	34	22
Cape Coral	16	7	9	10	15	23	8	13	29
Clearwater	12	14	16	14	21	10	22	22	17
Coral Springs	32	28	33	34	33	34	27	30	25
Davie	26	29	13	17	19	24	11	16	15
Deerfield Beach	33	31	34	31	35	25	28	32	16
Deltona	28	12	36	24	36	36	21	25	32
Fort Lauderdale	9	11	26	6	13	5	18	11	12
Fort Myers	13	6	6	9	8	12	6	7	18
Gainesville	8	5	7	8	10	9	16	9	20
Hialeah	11	30	10	13	9	7	20	12	19
Hollywood	20	23	11	16	7	17	15	19	7
Homestead	35	36	30	36	29	30	35	23	33
Jacksonville	2	3	1	2	1	4	3	2	4
Kissimmee	5	2	8	7	11	8	23	3	9
Lakeland	17	20	17	15	14	19	17	20	23
Largo	15	9	28	18	34	11	36	28	24
Melbourne	14	13	12	11	22	21	19	15	14
Miami	6	8	5	4	4	3	5	5	6
Miami Beach	30	34	31	23	31	16	26	36	27
Miami Gardens	29	15	24	29	16	18	7	14	26
Miramar	36	27	27	35	24	31	30	27	11
North Port	19	25	29	27	28	33	25	21	2
Orlando	1	1	2	1	2	1	2	1	1
Palm Bay	10	16	15	12	23	22	10	10	21
Palm Coast	25	24	18	25	30	35	33	33	28
Pembroke Pines	23	33	32	33	32	26	34	29	31
Plantation	7	19	20	22	17	20	13	8	5
Pompano Beach	21	17	23	21	18	14	12	18	10
Port Saint Lucie	27	26	25	28	25	29	31	26	34
Saint Petersburg	4	10	4	5	5	6	4	6	13
Sunrise	34	35	35	32	26	32	32	35	36
Tallahassee	22	22	14	19	12	13	14	17	30
Tampa	3	4	3	3	3	2	1	4	3
West Palm Beach	24	21	22	20	6	15	9	24	35

Legend

Highest 25% in a category.

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