

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: Workzone Safety FY23
Priority Area for Concept Paper: Work Zone Safety
Amount Requested: \$50,000.00

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 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:

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.

Recently widened major roadways have allowed for increased traffic volume and speeds . Concurrent with

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trends, the implementation of these roadway projects necessitates more construction equipment and workers present on or along the roadways under development. Work zone accidents have become more frequent in Hollywood, and in Broward County as a region.

Equipment shortages and or outdated equipment have been another challenge for the Hollywood Police Department. A restrictive city budget does not account for new speed measurement/message board trailers that are effective in notifying the motoring public of traffic construction and or warn them of enforcement operations.

Supporting Data:

In 2019 the Hollywood Police Department investigated 6038 accidents, 113 of these accidents were work zone related.

In 2020 the Hollywood Police Department investigated 4668 accidents, 38 of these accidents were work zone related.

In 2021 the Hollywood Police Department investigated 5452 accidents, 19 of these accidents were work zone related

Although the data at first look would indicate a decline in work zone related incidents, Covid-19 caused severe delays in work projects throughout the State, County, and City. Currently the City of Hollywood has 2 major projects that are schedule to begin during the summer of 2022. One project will spread from Pembroke Road to just South of Young Circle (approx. Hollywood Blvd), and the second from Johnson St to Sheridan Street. Both projects will be conducted along the US Route 1 corridor. As of the date of this application, the projects are expected to start in July 2022, and do not yet have an anticipated end date, however, the funding cycle of this Grant is expected to coincide with both work projects.

Broward County ranks 2 out of 26 Counties in the FDOT FY2023 Highway Safety Matrix

The City of Hollywood ranks 7 out of 36 Cities in the FDOT FY2023 Highway Safety Matrix

*Highest 25% for both categories

Proposed Solution:

Grant funding will be utilized to purchase a new speed measurement/message trailer and fund the personnel costs for Directed High Visibility Enforcement Operations targeting the 2 major roadway projects, as well as other work zone projects that have not yet been identified or started at the time of this application.

The Project Coordinator (Traffic Unit Sergeant) will coordinate with the City of Hollywood's Transportation Engineer to establish dates and time frames of roadway work, in order to most appropriately deploy officers for enforcement. The message trailer will be deployed during these operations and in the immediate area of the road work. With the addition of this new dual-purpose trailer, single purpose speed measurement trailers and message board trailers can be deployed further away from the work zones, enhancing the safety of both motorist and workers.

Members assigned to the work zone operations will be tasked with speed measurement, slow and move over laws (where applicable) and enforcing general traffic regulations within the area of the work zone .

The Project Manager (Grants and Special Projects Manager) will coordinate the Program Coordinator to

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ensure proper record keeping, timely report submission, monitor compliance with purchasing and overall compliance with the Grant contract

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 work zones during their active times and dates. 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:

Increase Speeding Citations in work zones by 10%

Reduce traffic accidents within a work zone by 5% when compared to last 3 years

Participate in the National Work Zone Safety campaign through work zone overtime enforcement operations.

Provide work zone information and education to the public using message boards, local media outlets (once per quarter), and social media releases (3 times per quarter).

The purchase of a new dual purpose speed measurement/message board trailer, to supplement aged single purpose Department owned trailers.

Evaluation:

Data will be compiled and measured against the three prior years data.

The number of work zone speeding violations issued.

The number of citations issued in a work zone.

The number of work zone high visibility overtime enforcement operations conducted during each month and quarter of the grant period.

The number of work zone public information and education releases

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Concept Paper Budget

BUDGET CATEGORY	NARRATIVE:	FEDERAL FUNDS	MATCH	TOTAL	INDIRECT ELIGIBILITY
A. Personnel Services					
30000	Overtime for enforcement operations	\$30,000	\$0	\$30,000	
Subtotal		\$30,000	\$0	\$30,000	
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					
20000	Purchase a new Traffic speed measurement and message board trailer	\$20,000	\$0	\$20,000	
Subtotal		\$20,000	\$0	\$20,000	
E. Indirect Cost					
%		\$0		\$0	
Subtotal		\$0		\$0	
Total Cost of Project		\$50,000	\$0	\$50,000	



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, Work Zone Safety

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 "Work Zone Safety 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", written in a cursive style.

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 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.

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 Counties

(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	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	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.																				
Osceola	17	3	20	17	21	17	24	15	17	<div><div></div><div>Legend</div><div>Highest 25% in a category.</div></div>																				
Palm Beach	2	8	10	7	3	6	1	7	11											Jefferson	12	12	19	26	15	17	11	17	19	
Pasco	1	4	3	8	12	8	12	5	9											Lafayette	23	24	26	21	23	21	22	24	25	
Pinellas	5	11	7	6	7	5	8	8	13											Levy	4	4	2	2	1	6	3	2	11	
Polk	16	16	13	12	10	12	9	14	20											Liberty	25	26	22	25	25	26	25	26	26	
Saint Johns	23	23	21	22	25	25	25	25	22											Madison	13	11	18	16	21	13	8	21	18	
Saint Lucie	22	24	23	21	20	23	17	23	18											Okeechobee	6	22	4	5	7	4	4	8	4	
Sarasota	10	21	16	14	16	14	13	13	3											Suwannee	2	2	1	8	2	3	1	1	10	
Seminole	21	20	25	18	22	20	18	22	10											Taylor	11	15	10	13	11	8	5	9	15	
Volusia	9	5	11	4	11	9	7	10	7											Union	26	25	24	24	24	25	26	20	20	
																				Wakulla	10	10	13	10	18	14	14	14	12	
																				Washington	15	14	17	12	14	16	14	15	3	

Legend
Highest 25% in a category.

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