

1. Federal Award No. 693JJ32640192	2. Effective Date See No. 16 Below	3. Assistance Listings No. 20.939
4. Award To Orange County, Florida 201 S. Rosalind Avenue Orlando, FL 32801-3527	5. Sponsoring Office U.S. Department of Transportation Federal Highway Administration Office of Safety 1200 New Jersey Avenue, SE HSSA-1, Mail Drop E71-117 Washington, DC 20590	
Unique Entity Id.: ZAMZMX9ZHCM9 TIN No.: 59-6000773		
6. Period of Performance Effective Date of Award – 36 months	7. Total Amount Federal Share: \$853,723.00 Recipient Share: \$213,431.75 Other Federal Funds: \$0 Other Funds: \$0 Total: \$1,067,154.75	
8. Type of Agreement Grant	9. Authority Section 24112 of the Infrastructure Investment and Jobs Act (IIJA, Pub. L. 117-58, November 15, 2021)	
10. Procurement Request No. HSA250631PR	11. Federal Funds Obligated \$853,723	
12. Submit Payment Requests To See Article 5.	13. Accounting and Appropriations Data 15X0176E50.0000.055SR50500.5592000000.4101 0.61006600	
14. Description of the Project This award will be used by Orange County, FL to conduct supplemental planning activities to expand safety data to support reducing the most severe crash types and conditions. The supplemental planning activities will include utilizing ATSPM data to develop real-time cycle-based safety indicators and to evaluate intersections.		
RECIPIENT	FEDERAL HIGHWAY ADMINISTRATION	
15. Signature of Person Authorized to Sign	16. Signature of Agreement Officer	
Signature Name: Byron Brooks Title: County Administrator	Date	Signature Name: Ryan Buck Title: Agreement Officer

U.S. DEPARTMENT OF TRANSPORTATION

**GRANT AGREEMENT UNDER THE
FISCAL YEAR 2024 SAFE STREETS AND ROADS FOR ALL GRANT PROGRAM**

This agreement is between the United States Department of Transportation's (the "USDOT") Federal Highway Administration (the "FHWA") and the Orange County, Florida (the "Recipient").

This agreement reflects the selection of the Recipient to receive a Safe Streets and Roads for All ("SS4A") Grant for the Targeted Safety Solutions in Orange County project.

The parties therefore agree to the following:

**ARTICLE 1
GENERAL TERMS AND CONDITIONS**

1.1 General Terms and Conditions.

- (a) In this agreement, "**General Terms and Conditions**" means the content of the document titled "General Terms and Conditions Under the Fiscal Year 2024 Safe Streets and Roads for All ("SS4A") Grant Program," dated November 4, 2025, which is available at <https://www.transportation.gov/grants/ss4a/grant-agreements> under "Fiscal Year 2024." Articles 7–33 are in the General Terms and Conditions. The General Terms and Conditions are part of this agreement.
- (b) The Recipient acknowledges that it has knowledge of the General Terms and Conditions. Recipient also states that it is required to comply with all applicable Federal laws and regulations including, but not limited to, the Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (2 CFR part 200); National Environmental Policy Act (NEPA) (42 U.S.C. § 4321 et seq.); and Build America, Buy America Act (IJJIA, div. G §§ 70901-27).
- (c) The Recipient acknowledges that the General Terms and Conditions impose obligations on the Recipient and that the Recipient's non-compliance with the General Terms and Conditions may result in remedial action, termination of the SS4A Grant, disallowing costs incurred for the Project, requiring the Recipient to refund to the FHWA the SS4A Grant, and reporting the non-compliance in the Federal-government-wide integrity and performance system.

ARTICLE 2
APPLICATION, PROJECT, AND AWARD

2.1 Application.

Application Title: Targeted Safety Solutions in Orange County

Application Date: 8/29/2024

2.2 Award Amount.

SS4A Grant Amount: \$853,723

2.3 Federal Obligation Information.

Federal Obligation Type: Single

2.4 Budget Period.

Budget Period: See Block 6 of Page 1

2.5 Grant Designation.

Designation: Planning and Demonstration

ARTICLE 3 **SUMMARY PROJECT INFORMATION**

3.1 Summary of Project's Statement of Work.

Planning and Demonstration Narrative: Conduct an in-depth analysis of the Vision Zero Action Plan (VZAP), High Injury Network (HIN), existing and new data, safety problems and specific contributing factors for the development of a supplemental plan to improve and identify demonstration corridors and apply, practical, effective, and low-cost solutions.

The project will be completed in one phase.

3.2 Project's Estimated Schedule.

Supplemental Planning Schedule

Milestone	Schedule Date
Planned Final Plan Publicly Available Date:	03/31/2028
Planned SS4A Final Report Date:	06/30/2028

3.3 Project's Estimated Costs.

(a) Eligible Project Costs

Eligible Project Costs	
SS4A Grant Amount:	\$853,723.00
Other Federal Funds:	0
State Funds:	0
Local Funds:	\$213,431.75
In-Kind Match:	0
Other Funds:	0
Total Eligible Project Cost:	\$1,067,154.75

(b) RESERVED

(c) Indirect Costs

Indirect costs are allowable under this Agreement in accordance with 2 CFR part 200 and the Recipient's approved Budget Application. In the event the Recipient's indirect cost rate changes, the Recipient will notify FHWA of the planned adjustment and provide supporting documentation for such adjustment. This Indirect Cost provision does not operate to waive the limitations on Federal funding provided in this document. The Recipient's indirect costs are allowable only insofar as they do not cause the Recipient to exceed the total obligated funding.

ARTICLE 4

CONTACT INFORMATION

4.1 Recipient Contact(s).

Hazem El-Assar
Chief Engineer
Orange County Traffic Engineering
4200 S John Young Parkway, Orlando FL, 32839-3527
407-836-7866
Hazem.El-Assar@ocfl.net

4.2 Recipient Key Personnel.

Name	Title or Position
Hazem El-Assar, P.E.	Chief Engineer
Humberto Castillero, P.E.	Traffic Engineering Manager
Jamel Hibbert	Engineer II

4.3 USDOT Project Contact(s).

Safe Streets and Roads for All Program Manager
Federal Highway Administration
Office of Safety
HSSA-1, Mail Stop: E71-117
1200 New Jersey Avenue, S.E.
Washington, DC 20590
202-366-2822
SS4A.FHWA@dot.gov

and

Agreement Officer (AO)
Federal Highway Administration
Office of Acquisition and Grants Management
HCFA-42, Mail Stop E62-310
1200 New Jersey Avenue, S.E.
Washington, DC 20590
202-493-2402
HCFASS4A@dot.gov

and

Division Administrator – Florida
Agreement Officer's Representative (AOR)
3500 Financial Plaza, Suite 400
Tallahassee, FL 32312
850-553-2200
Florida.FHWA@dot.gov

and

Lina Maldonado
Florida Division Office Lead Point of Contact
Transportation Engineer
400 W. Washington Street, Room 4200
Orlando FL 32801
407-867-6401
lina.maldonado@dot.gov

ARTICLE 5 **USDOT ADMINISTRATIVE INFORMATION**

5.1 Office for Subaward and Contract Authorization.

USDOT Office for Subaward and Contract Authorization: FHWA Office of Acquisition and Grants Management

SUBAWARDS AND CONTRACTS APPROVAL

Note: See 2 CFR § 200.331, Subrecipient and contractor determinations, for definitions of subrecipient (who is awarded a subaward) versus contractor (who is awarded a contract).

Note: Recipients with a procurement system deemed approved and accepted by the Government or by the Agreement Officer (the “AO”) are exempt from the requirements of this clause. See 2 CFR 200.317 through 200.327.

In accordance with 2 CFR 200.308(f)(6), the recipient or subrecipient shall obtain prior written approval from the USDOT agreement officer for the subaward, if the subaward activities were not proposed in the application or approved in the Federal award. This provision is in accordance with 2 CFR 200.308 (f) (6) and does not apply to procurement transactions for goods and services. Approval will be issued through written notification from the AO or a formal amendment to the Agreement.

The following subawards and contracts are currently approved under the Agreement by the AO. This list does not include supplies, material, equipment, or general support services which are exempt from the pre-approval requirements of this clause.

5.2 Reimbursement Requests

- (a) The Recipient may request reimbursement of costs incurred within the budget period of this agreement if those costs do not exceed the amount of funds obligated and are allowable under the applicable cost provisions of 2 C.F.R. Part 200, Subpart E. The Recipient shall not request reimbursement more frequently than monthly.
- (b) The Recipient shall use the DELPHI iSupplier System to submit requests for reimbursement to the payment office. When requesting reimbursement of costs incurred or credit for cost share incurred, the Recipient shall electronically submit supporting cost detail with the SF-270 (Request for Advance or Reimbursement) or SF-271 (Outlay Report and Request for Reimbursement for Construction Programs) to clearly document all costs incurred.
- (c) The Recipient’s supporting cost detail shall include a detailed breakout of all costs incurred, including direct labor, indirect costs, other direct costs, travel, etc., and the Recipient shall identify the Federal share and the Recipient’s share of costs. If the Recipient does not provide sufficient detail in a request for reimbursement, the Agreement Officer’s Representative (the “AOR”) may withhold processing that request until the Recipient provides sufficient detail.
- (d) The USDOT shall not reimburse costs unless the AOR reviews and approves the costs to ensure that progress on this agreement is sufficient to substantiate payment.
- (e) In the rare instance the Recipient is unable to receive electronic funds transfers (EFT), payment by EFT would impose a hardship on the Recipient because of their inability to manage an account at a financial institution, and/or the Recipient is unable to use the DELPHI iSupplier System to submit their requests for disbursement, the FHWA may waive the requirement that the Recipient use the DELPHI iSupplier System. The Recipient shall contact the Division Office Lead Point of Contact for instructions on and requirements related to pursuing a waiver.

- (f) The requirements set forth in these terms and conditions supersede previous financial invoicing requirements for Recipients.

ARTICLE 6 **SPECIAL GRANT TERMS**

- 6.1** SS4A funds must be expended within five years after the grant agreement is executed and DOT obligates the funds, which is the budget period end date in section 10.3 of the Terms and Conditions and section 2.4 in this agreement.
- 6.2** The Recipient demonstrates compliance with civil rights obligations and nondiscrimination laws, including Titles VI of the Civil Rights Act of 1964, the Americans with Disabilities Act (ADA), and Section 504 of the Rehabilitation Act, and accompanying regulations. Recipients of Federal transportation funding will also be required to comply fully with regulations and guidance for the ADA, Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, and all other civil rights requirements.
- 6.3** SS4A Funds will be allocated to the Recipient and made available to the Recipient in accordance with FHWA procedures.
- 6.4** The Recipient of a Planning and Demonstration Grant acknowledges that the Supplemental Action Plan will be made publicly available and agrees that it will publish the final Supplemental Action Plan on a publicly available website.
- 6.5** There are no other special grant requirements.

ATTACHMENT A
PERFORMANCE MEASUREMENT INFORMATION

Study Area: Orange County, Florida

Baseline Measurement Date: N/A

Baseline Report Date: N/A

Table 1: Performance Measure Table

Measure	Category and Description	Measurement Frequency and Reporting Deadline
Costs	Project Costs: Quantification of the cost of each eligible project carried out using the grant	Within 120 days after the end of the period of performance
Lessons Learned and Recommendations	Lessons Learned and Recommendations: Description of lessons learned and any recommendations relating to future projects or strategies to prevent death and serious injury on roads and streets.	Within 120 days after the end of the period of performance

ATTACHMENT B
CHANGES FROM APPLICATION

Describe all material differences between the scope, schedule, and budget described in the application and the scope, schedule, and budget described in Article 3. The purpose of Attachment B is to clearly and accurately document any differences in scope, schedule, and budget to establish the parties' knowledge and acceptance of those differences. See Article 11 for the Statement of Work, Schedule, and Budget Changes. If there are no changes, please insert "N/A" after "Scope," "Schedule," or "Budget." If there are changes to the budget, please complete the table below. Otherwise, leave the table below blank.

Scope: N/A

Schedule: N/A

Budget: N/A

The table below provides a summary comparison of the project budget.

Fund Source	Application		Section 3.3	
	\$	%	\$	%
Previously Incurred Costs (Non-Eligible Project Costs)				
Federal Funds				
Non-Federal Funds				
Total Previously Incurred Costs				
Future Eligible Project Costs				
SS4AFunds				
Other Federal Funds				
Non-Federal Funds				
Total Future Eligible Project Costs				
Total Project Costs				

ATTACHMENT C

[RESERVED]

ATTACHMENT D

[RESERVED]

ATTACHMENT E LABOR AND WORK

1. Efforts to Support Good-Paying Jobs and Strong Labor Standards

The Recipient states that rows marked with “X” in the following table are accurate:

	The Recipient or a project partner promotes robust job creation by supporting good-paying jobs directly related to the project with free and fair choice to join a union. <i>(Describe robust job creation and identify the good-paying jobs in the supporting narrative below.)</i>
X	The Recipient or a project partner will invest in high-quality workforce training programs such as registered apprenticeship programs to recruit, train, and retain skilled workers, and implement policies such as targeted hiring preferences. <i>(Describe the training programs in the supporting narrative below.)</i>
	The Recipient or a project partner will partner with high-quality workforce development programs with supportive services to help train, place, and retain workers in good-paying jobs or registered apprenticeships including through the use of local and economic hiring preferences, linkage agreements with workforce programs, and proactive plans to prevent harassment. <i>(Describe the supportive services provided to trainees and employees, preferences, and policies in the supporting narrative below.)</i>
	The Recipient or a project partner will partner and engage with local unions or other worker-based organizations in the development and lifecycle of the project, including through evidence of project labor agreements and/or community benefit agreements. <i>(Describe the partnership or engagement with unions and/or other worker-based organizations and agreements in the supporting narrative below.)</i>
	The Recipient or a project partner will partner with communities or community groups to develop workforce strategies. <i>(Describe the partnership and workforce strategies in the supporting narrative below.)</i>
	The Recipient or a project partner has taken other actions related to the Project to create good-paying jobs with the free and fair choice to join a union and incorporate strong labor standards. <i>(Describe those actions in the supporting narrative below.)</i>
	The Recipient or a project partner has not yet taken actions related to the Project to create good-paying jobs with the free and fair choice to join a union and incorporate strong labor standards but, before beginning construction of the Project, will take relevant actions described in Attachment B. <i>(Identify the relevant actions from Attachment B in the supporting narrative below.)</i>
	The Recipient or a project partner has not taken actions related to the Project to improve good-paying jobs and strong labor standards and will not take those actions under this award.

2. Supporting Narrative.

Students from the University of Central Florida will be engaged, mentored and trained in this project. They will learn about planning, data analytics, traffic engineering, traffic safety and safety countermeasures. The students will thus be ready to apply for the relevant government and private sector jobs in transportation.

ATTACHMENT F
CRITICAL SECURITY INFRASTRUCTURE AND RESILIENCE

1. Efforts to strengthen the Security and Resilience of Critical Infrastructure against both Physical and Cyber Threats.

The Recipient states that rows marked with “X” in the following table are accurate:

X	The Recipient demonstrates, prior to the signing of this agreement, effort to consider and address physical and cyber security risks relevant to the transportation mode and type and scale of the activities.
	The Recipient appropriately considered and addressed physical and cyber security and resilience in the planning, design and oversight of the project, as determined by the Department and the Department of Homeland Security.
	The Recipient complies with 2 CFR 200.216 and the prohibition on certain telecommunications and video surveillance services or equipment.

2. Supporting Narrative.

Most of the data that will be used in this supplemental safety plan is publicly available, e.g., crash data. In case of using proprietary data such as connected vehicles data, the NDA and data agreements between UCF and data provider would be observed. Such data are typically stored on dedicated servers with limited access to the project team.

ATTACHMENT G

[RESERVED]