

FDP Cost Reimbursement Subaward

Federal Awarding Agency:

Pass-Through Entity (PTE):

Subrecipient:

PTE PI:

Sub PI:

PTE Federal Award No:

Subaward No:

Project Title:

Subaward Budget Period:

Start: End:

Amount Funded This Action (USD): \$

Estimated Period of Performance:

Start: End:

Incrementally Estimated Total (USD): \$

Terms and Conditions

1. PTE hereby awards a cost reimbursable subaward, (as determined by 2 CFR 200.331), to Subrecipient. The Statement of Work and budget for this Subaward are as shown in Attachment 5. In its performance of Subaward work, Subrecipient shall be an independent entity and not an employee or agent of PTE.
2. Subrecipient shall submit invoices not more often than monthly and not less frequently than quarterly for allowable costs incurred. Upon the receipt of proper invoices, the PTE agrees to process payments in accordance with this Subaward and 2 CFR 200.305. All invoices shall be submitted using Subrecipient's standard invoice, but at a minimum shall include current and cumulative costs (including cost sharing), breakdown by major cost category, Subaward number, and certification, as required in 2 CFR 200.415(b). Invoices that do not reference PTE Subaward number shall be returned to Subrecipient. Invoices and questions concerning invoice receipt or payments shall be directed to the party's Contact, shown in Attachment 3A.
3. A final statement of cumulative costs incurred, including cost sharing, marked "FINAL" must be submitted to PTE's Contact, as shown in Attachment 3A, not later than 60 days after The final statement of costs shall constitute Subrecipient's final financial report.
4. All payments shall be considered provisional and are subject to adjustment within the total estimated cost in the event such adjustment is necessary as a result of an adverse audit finding against the Subrecipient.
5. Matters concerning the technical performance of this Subaward shall be directed to the appropriate party's Principal Investigator as shown in Attachments 3A and 3B. Technical reports are required as shown in Attachment 4.
6. Matters concerning the request or negotiation of any changes in the terms, conditions, or amounts cited in this Subaward, and any changes requiring prior approval, shall be directed to the PTE's Contact and the Subrecipient's Contact shown in Attachments 3A and 3B. Any such change made to this Subaward requires the written approval of each party's Authorized Official as shown in Attachments 3A and 3B.
7. The PTE may issue non-substantive changes to the Budget Period(s) and Budget . Unilateral modification shall be considered valid 14 days after receipt unless otherwise indicated by Subrecipient when sent to Subrecipient's Contact, as shown in Attachment 3B.
8. Each party shall be responsible for its negligent acts or omissions and the negligent acts or omissions of its employees, officers, or directors, to the extent allowed by law.
9. Either party may terminate this Subaward with 30 days written notice. Notwithstanding, if the Awarding Agency terminates the Federal Award, PTE will terminate in accordance with Awarding Agency requirements. PTE notice shall be directed to the Contact, and Subrecipient notice shall be directed to the Contact as shown in Attachments 3A and 3B. PTE shall pay Subrecipient for termination costs as allowable under Uniform Guidance, 2 CFR 200, or 45 CFR Part 75 Appendix IX, as applicable
10. By signing this Subaward, including the attachments hereto which are hereby incorporated by reference, Subrecipient certifies that it will perform the Statement of Work in accordance with the terms and conditions of this Subaward and the applicable terms of the Federal Award, including the appropriate Research Terms and Conditions ("RTCs") of the Federal Awarding Agency, as referenced in Attachment 2. The parties further agree that they intend this subaward to comply with all applicable laws, regulations, and requirements.

By an Authorized Official of the PTE:

By an Authorized Official of the Subrecipient:

Name:

Date

Title:

Name:

Date

Title:

Attachment 1

Certifications and Assurances

Subaward Number:

Certification Regarding Lobbying (2 CFR 200.450)

By signing this Subaward, the Subrecipient Authorized Official certifies, to the best of his/her knowledge and belief, that no Federal appropriated funds have been paid or will be paid, by or on behalf of the Subrecipient, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement in accordance with 2 CFR 200.450.

If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or intending to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the Subrecipient shall complete and submit Standard Form -LLL, "Disclosure Form to Report Lobbying," to the PTE.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Debarment, Suspension, and Other Responsibility Matters (2 CFR 200.214 and 2 CFR 180)

By signing this Subaward, the Subrecipient Authorized Official certifies, to the best of his/her knowledge and belief that neither the Subrecipient nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from participation in this transaction by any federal department or agency, in accordance with 2 CFR 200.214 and 2 CFR 180.

Audit and Access to Records

Subrecipient certifies that it will provide PTE with notice of any adverse findings which impact this Subaward. Subrecipient certifies compliance with applicable provisions of 2 CFR 200.501-200.521. If Subrecipient is not required to have a Single Audit as defined by 200.501, Awarding Agency requirements, or the Single Audit Act, then Subrecipient will provide notice of the completion of any required audits and will provide access to such audits upon request. Subrecipient will provide access to records as required by parts 2 CFR 200.332 (a)(5), 200.337, and 200.338 as applicable.

Program for Enhancement of Contractor Employee Protections (41 U.S.C 4712)

Subrecipient is hereby notified that they are required to: inform their employees working on any federal award that they are subject to the whistleblower rights and remedies of the program; inform their employees in writing of employee whistleblower protections under 41 U.S.C §4712 in the predominant native language of the workforce; and include such requirements in any agreement made with a subcontractor or subgrantee.

The Subrecipient shall require that the language of the certifications above in this Attachment 1 be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

Use of Name

Neither party shall use the other party's name, trademarks, or other logos in any publicity, advertising, or news release without the prior written approval of an authorized representative of that party. The parties agree that each party may use factual information regarding the existence and purpose of the relationship that is the subject of this Subaward for legitimate business purposes, to satisfy any reporting and funding obligations, or as required by applicable law or regulation without written permission from the other party. In any such statement, the relationship of the parties shall be accurately and appropriately described.

Prohibition on Certain Telecommunication and Video Surveillance Services or Equipment

Pursuant to 2 CFR 200.216, Subrecipient will not obligate or expend funds received under this Subaward to: (1) procure or obtain; (2) extend or renew a contract to procure or obtain; or (3) enter into a contract (or extend or renew a contract) to procure or obtain equipment, services, or systems that uses covered telecommunications equipment or services (as described in Public Law 115-232, section 889) as a substantial or essential component of any system, or as a critical technology as part of any system.

Attachment 2

Federal Award Terms and Conditions

Subaward Number

Required Data Elements

The data elements required by Uniform Guidance are incorporated

Awarding Agency Institute (If Applicable)

Federal Award Issue Date FAIN Assistance Listing No.

This Subaward Is:

Assistance Listing Program Title (ALPT)

Research & Development

Subject to FFATA

Key Personnel Per NOA

General Terms and Conditions

By signing this Subaward, Subrecipient agrees to the following:

1. To abide by the conditions on activities and restrictions on expenditure of federal funds in appropriations acts that are applicable to this Subaward to the extent those restrictions are pertinent. This includes any recent legislation noted on the Federal Awarding Agency's website:
2. 2 CFR 200
3. The Federal Awarding Agency's grants policy guidance, including addenda in effect as of the beginning date of the period of performance or as amended found at:
4. Applicable Research Terms and Conditions, including any Federal Awarding Agency's Specific Requirements found at:

except for the following :

 - a. No-cost extensions require the written approval of the PTE. Any requests for a no-cost extension shall be directed to the Contact shown in Attachment 3A, not less than 30 days prior to the desired effective date of the requested change.
 - b. Any payment mechanisms and financial reporting requirements described in the applicable Federal Awarding Agency Terms and Conditions and Agency-Specific Requirements are replaced with Terms and Conditions (1) through (4) of this Subaward; and
 - c. Any prior approvals are to be sought from the PTE and not the Federal Awarding Agency.
 - d. Title to equipment as defined in 2 CFR 200.1 that is purchased or fabricated with research funds or Subrecipient cost sharing funds, as direct costs of the project or program, shall vest in the Subrecipient subject to the conditions specified in 2 CFR 200.313.
 - e. Prior approval must be sought for a change in Subrecipient PI or change in Key Personnel (defined as listed on the NOA).
5. Treatment of program income:

Special Terms and Conditions:

Data Sharing and Access:

Subrecipient agrees to comply with the Federal Awarding Agency's data sharing and/or access requirements as reflected in the NOA or the Federal Awarding Agency's standard terms and conditions as referenced in General Terms and Conditions 1-4 above.

Data Rights:

Subrecipient grants to PTE the right to use data created in the performance of this Subaward solely for the purpose of and only to the extent required to meet PTE's obligations to the Federal Government under its PTE Federal Award.

Copyrights:

to PTE an irrevocable, royalty-free, non-transferable, non-exclusive right and license to use, reproduce, make derivative works, display, and perform publicly any copyrights or copyrighted material (including any computer software and its documentation and/or databases) first developed and delivered under this Subaward solely for the purpose of and only to the extent required to meet PTE's obligations to the Federal Government under its PTE Federal Award.

Subrecipient grants to PTE the right to use any written progress reports and deliverables created under this Subaward solely for the purpose of and only to the extent required to meet PTE's obligations to the Federal Government under its Federal Award.

Promoting Objectivity in Research (COI):

Subrecipient must designate herein which entity's Financial Conflicts of Interest policy (COI) will apply:

If applying its own COI policy, by execution of this Subaward, Subrecipient certifies that its policy complies with the requirements of the relevant Federal Awarding Agency as identified herein:

Subrecipient shall report any financial conflict of interest to PTE's Administrative Representative or COI contact, as designated on Attachment 3A. Any financial conflicts of interest identified shall, when applicable, subsequently be reported to Federal Awarding Agency. Such report shall be made before expenditure of funds authorized in this Subaward and within 45 days of any subsequently identified COI.

Work Involving Human or Vertebrate Animals (Select Applicable Options)

No Human or Vertebrate Animals

Human Subjects Data (Select One)

Additional Terms

Attachment 3A
Pass-Through Entity (PTE) Contacts

Subaward Number:

PTE Information

Entity Name:

Legal Address:

Website:

PTE Contacts

Central Email:

Principal Investigator Name:

Email:

Telephone Number:

Administrative Contact Name:

Email:

Telephone Number:

COI Contact email (if different to above):

Financial Contact Name:

Email:

Telephone Number:

Email invoices? Yes No Invoice email (if different):

Authorized Official Name:

Email:

Telephone Number:

PI Address:

Administrative Address:

Invoice Address:

Attachment 3B

Subrecipient Contacts

Subaward Number:

Subrecipient Information for [FFATA](#) reporting

Entity's UEI Name:

EIN No.:

Institution Type:

UEI:

Currently registered in SAM.gov: Yes No

Exempt from reporting executive compensation: Yes No (if no, complete 3Bpg2)

Parent UEI:

This section for U.S. Entities:

Zip Code [Look-up](#)

Place of Performance Address

Congressional District:

Zip Code+4:

Subrecipient Contacts

Central Email:

Website:

Principal Investigator Name:

Email:

Telephone Number:

Administrative Contact Name:

Email:

Telephone Number:

Financial Contact Name:

Email:

Telephone Number:

Invoice Email:

Authorized Official Name:

Email:

Telephone Number:

Legal Address:

Administrative Address:

Payment Address:

Attachment 3B-2
Highest Compensated Officers

Subaward Number:

Subrecipient:

Institution Name:

PI Name:

Highest Compensated Officers

The names and total compensation of the five most highly compensated officers of the entity(ies) must be listed if the entity in the preceding fiscal year received 80 percent or more of its annual gross revenues in Federal awards; and \$25,000,000 or more in annual gross revenues from Federal awards; and the public does not have access to this information about the compensation of the senior executives of the entity through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. §§ 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986. See FFATA § 2(b)(1) Internal Revenue Code of 1986.

Officer 1 Name:

Officer 1 Compensation:

Officer 2 Name:

Officer 2 Compensation:

Officer 3 Name:

Officer 3 Compensation:

Officer 4 Name:

Officer 4 Compensation:

Officer 5 Name:

Officer 5 Compensation:

Attachment 4
Reporting and Prior Approval Terms

Subaward Number:

Subrecipient agrees to submit the following reports (PTE contacts are identified in Attachment 3A):

Technical Reports:

Monthly technical/progress reports will be submitted to the PTE's _____ within _____ days of the end of the month.

Quarterly technical/progress reports will be submitted within 30 days after the end of each project quarter to the PTE's _____.

Annual technical / progress reports will be submitted within _____ days prior to the end of each budget period to the PTE's _____. Such report shall also include a detailed budget for the next Budget Period, updated other support for key personnel, certification of appropriate education in the conduct of human subject research of any new key personnel, and annual IRB or IACUC approval, if applicable.

A Final technical/progress report will be submitted to the PTE's _____ within _____ days of the end of the Project Period or after termination of this award, whichever comes first.

Technical/progress reports on the project as may be required by PTE's _____ in order for the PTE to satisfy its reporting obligations to the Federal Awarding Agency.

Prior Approvals:

Carryover:

Other Reports:

In accordance with 37 CFR 401.14, Subrecipient agrees to notify both the Federal Awarding Agency via iEdison and PTE's _____ within 60 days after Subrecipient's inventor discloses invention(s) in writing to Subrecipient's personnel responsible for patent matters. The Subrecipient will submit a final invention report using Federal Awarding Agency specific forms to the PTE's _____ within 60 days of the end of the Project Period to be included as part of the PTE's final invention report to the Federal Awarding Agency.

A negative report is required:

Property Inventory Report (only when required by Federal Awarding Agency), specific requirements below.

Additional Technical and Reporting Requirements:

Attachment 5
Statement of Work, Cost Sharing, Indirects & Budget

Subaward Number:

Statement of Work

Below Attached, pages
If award is FFATA eligible and SOW exceeds 4000 characters, include a *Subrecipient Federal Award Project Description*

Budget Information

Indirect Information Indirect Cost Rate (IDC) Applied % Rate Type:	Cost Sharing If Yes, include Amount: \$
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Budget Details Below Attached, pages

Budget Totals

Direct Costs \$
Indirect Costs \$
Total Costs \$

All amounts are in United States Dollars



RFP# 22-538C

Task #4: Miscellaneous Services: Long Range Plan and Vision Zero Safety Action Plan

1. Background and UPWP Reference

The Lake-Sumter MPO has requested that WSP provide support to the MPO for the following items: Vision Zero Safety Plan. The MPO identifies the need for these activities in the ***Unified Planning Work Program (UPWP) for Fiscal Years 2025-2026***, as part of ***Task 3: Long Range Transportation Plan*** and End Products of Task 3 as identified in the UPWP are shown below.

Purpose: Task 3 - Long Range Transportation Plan

To maintain, update and implement long-range planning that is technically sound and financially cost feasible with the goal to move people, create jobs, and strengthen communities. Develop the 2050 LRTP all associated studies/elements. Conduct other long-range transportation planning efforts consistent with the LRTP, including transportation studies and the Efficient Transportation Decision Making process.

2. Scope of Services

Tasks to be completed include the following:

1. Long Range Transportation Plan (UPWP Task 3): Vision Zero Element and Vision Zero Action Plan Support

The approach for the Vision Zero Element of the LRTP and the Vision Zero Action Plan, in support of UCF's federal SS4A grant, is described below.

Task 1.1: MPO Long-Range Transportation Plan Vision Zero Element

The Vision Zero element of the LRTP should include a commitment to eliminate traffic fatalities and severe injuries, incorporating a Safe System approach that considers all road users and addresses safety through infrastructure, vehicle design, speed management, and post-crash care.

- a. Create a Safety Metric for the LRTP
- b. Draft/finalize policies for Vision Zero goals
- c. Reference the Vision Zero Action Plan and any initial findings (to the extent possible as the Vision Zero Action Plan will not be completed by the LRTP adoption date)

Task 1.2: Vision Zero Action Plan Public Outreach

WSP will support UCF and the Lake-Sumter MPO by leading the public outreach efforts for the Vision Zero Action Plan. UCF will provide the data and materials that will serve as the foundation for the

meetings and WSP will integrate the materials into a PowerPoint presentation for all four of the meetings identified below.

- a. Initial Outreach: 2 virtual public meetings for to obtain feedback on the existing conditions analysis and input into existing safety concerns in Lake and Sumter Counties - one Technical Meeting (TAC/CAC) and one Public Meeting.
- b. Final Outreach: 2 virtual public meetings to present the recommendations/findings of the Vision Zero Action Plan - one Technical Meeting (TAC/CAC) and one Public Meeting.
- c. The public meetings will be held in support of the technical analysis being conducted by UCF. The meeting dates will be established in coordination with UCF's production schedule and the MPO's TAC/CAC meeting schedule.

Task 1.3: Vision Zero Action Plan Report

- a. WSP will review and provide feedback on submittals from UCF
- b. WSP will prepare the Final Vision Zero Action Plan report in InDesign (or a similar program). This document will be developed once the text for the plan has been finalized by UCF and will result in a graphically enhanced final report.

Task 1.4: Project Management/Coordination

- a. Monthly meetings with the Lake-Sumter MPO and UCF to review status, discuss next steps, and coordinate deliverables.

Deliverables:

- Vision Zero element/policies for incorporation into the 2050 LRTP.
 - To be completed not later than November 3, 2025.
- Four virtual Public Meetings at two key points in the Vision Zero Action Plan project to obtain feedback and share recommendations/findings with the Lake-Sumter MPO TAC/CAC and the Public.
 - To be completed between September 2025 and December 2025.
- Review of UCF provided materials for the Vision Zero Action Plan.
 - To be completed not later than June 30, 2026.
- Formatting of final Vision Zero Action Plan document.
 - To be completed not later than June 30, 2026.



COST BUDGET PROPOSAL															
Name:		LRTP and Vision Zero Safety Action Plan													
RFP #		22-538C													
Task #		4													
Updated:		5-May-25													
TASK	DESCRIPTION	Program Manager	Engineer III	Engineer I	Planner I	Planner II	Planner III	Planner V	Graphic Designer I	Graphic/ Web Designer I	Graphic/ Web Designer II	Graphic/ Web Designer III	Project Accountant	Hours by Activity	Budget by Activity
	Contract Bill Rate	314.70	195.99	127.95	102.05	119.42	142.64	203.10	182.17	95.75	145.63	206.94	104.76		
Task															
1	1.Long Range Transportation Plan (UPWP Task 3): Vision Zero Element and Vision Zero Action Plan Support	36	94	66	64	160	30	20	8	10	20	2	10	520	\$ 78,965.50
	Task 1.1 MPO Long-Range Transportation Plan Vision Zero Element	4	42	24	24	40	2	4						140	\$ 20,884.86
	Task 1.2: Vision Zero Action Plan Public Outreach	12	44	42	24	40	28	16	8		8			222	\$ 34,865.78
	Task 1.3: Vision Zero Action Plan Report	12	8		16	80				10	12	2		140	\$ 19,649.66
	Task 1.4: Project Management/Coordination	8											10	18	\$ 3,565.20
	Task 1 Subtotal													520	\$ 78,965.50
	Direct Expenses (Travel, materials for public meetings - if needed)														\$ 1,000.00
	Total Task Order Hours and Fee													520	\$ 79,965.50

Budget Justification

Attachment 6

Notice of Award (NOA) and any additional documents

The following pages include the NOA and if applicable any additional documentation referenced throughout this Subaward.

Not incorporating the NOA or any additional documentation to this Subaward.

- | | | |
|--|---|---|
| 1. Federal Award No.
693JJ32540057 | 2. Effective Date
See No. 16 Below | 3. Assistance Listings No.
20.939 |
| 4. Award To
The University of Central
Florida Board of Trustees
4000 Central Florida Boulevard
Orlando, FL 32816
USA | 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.: : RD7MXJV7DKT9

TIN No.: 59-292-4021 | | |
| 6. Period of Performance
Effective Date of Award –
24 months | 7. Total Amount
Federal Share: \$689,992.00
Recipient Share: \$172,498.00
Other Federal Funds: \$0
Other Funds: \$0
Total: \$862,490.00 | |
| 8. Type of Agreement
Grant | 9. Authority
Section 24112 of the Infrastructure Investment and Jobs Act (Pub. L. 117–58, November 15, 2021; also referred to as the “Bipartisan Infrastructure Law” or “BIL”) | |
| 10. Procurement Request No.
HSA240323PR | 11. Federal Funds Obligated
\$689,992.00 | |
| 12. Submit Payment Requests To
See Article 5. | 13. Accounting and Appropriations Data
15X0173E50.0000.055SR10500.5592000000.
41010.61006600 | |
| 14. Description of the Project

Development of a Vision Zero Safety Plan for the Lake-Sumter MPO that will provide data-driven recommendations and strategies and perform data-driven safety analysis to develop targeted recommendations for implementation. | | |

RECIPIENT

15. Signature of Person Authorized to Sign

Sreela Mallick,
Associate Director -
Sponsored Programs

Digitally signed by Sreela
Mallick, Associate Director -
Sponsored Programs
Date: 2024.10.31 12:02:18 -04'00'

Signature

Date

Name: Sreela Mallick

Title: Associate Director Sponsored Programs

FEDERAL HIGHWAY ADMINISTRATION

16. Signature of Agreement Officer

Signature

Date

Name: Robert S. Miller II

Title: Agreement Officer

U.S. DEPARTMENT OF TRANSPORTATION

**GRANT AGREEMENT UNDER THE
FISCAL YEAR 2023 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 University of Central Florida Board of Trustees (the "**Recipient**").

This agreement reflects the selection of the Recipient to receive a Safe Streets and Roads for All ("**SS4A**") Grant for the "Investigating opportunities and developing a Vision Zero Safety Plan to improve safety for all road users on rural roads in Lake & Sumter Counties" planning grant.

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 2023 Safe Streets and Roads for All ("SS4A") Grant Program," which is available at <https://www.transportation.gov/grants/ss4a/grant-agreements> under "Fiscal Year 2023." Articles 7–30 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 (BIL, 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: Investigating opportunities and developing a Vision Zero Safety Plan to improve safety for all road users on rural roads in Lake & Sumter Counties

Application Date: 07/04/2023

2.2 Award Amount.

SS4A Grant Amount: \$689,992

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.

The objective of the Vision Zero Safety Plan is not only going to align it with the existing Transportation Plan of the Lake-Sumter MPO but also quantitatively evaluate the network and propose data driven low-cost and high-value recommendations to support safety improvements. The team proposes to assess the roadway network and draft a comprehensive Vision Zero Safety Plan to support Lake-Sumter MPO in four phases. Also, the goal is to identify the most problematic crash intersections and crash corridors in the region.

The project will be completed in 4 phases as follows:

Phase I: Data Collection for Network Screening and hotspot identification

Numerous data sources will be collected and evaluated to support the grant objective. This data include not only traditional sources such as crashes and census data but also more microscopic data such as vehicle speed profiles and pedestrian data. A combination of the analysis methods and tools will be employed to understand the general landscape of both counties and identify the crash hot spots within the rural and suburban roadway networks.

Phase II: Data Analysis

Analysis of the collected data will provide: (i) information on the most common types of crashes on the rural and suburban roads (an equitable approach to the analysis will be warranted by also evaluating socio-demographic characteristics including geographic distribution, race, poverty level, limited English proficiency, disability, and age) (ii) GIS heat maps of the past crash data that are cross-validated with the USDOT Equitable Transportation Community (ETC) Explorer to ensure emphasis on the underserved communities (iii) Analysis of fatalities and serious injuries by mode and crash types (with focus on non-motorized road users). (iv) Identifying speeding patterns and locations for deriving feasible speed management countermeasures.

Phase III: Possible Sensor Deployment

In applicable cases, the team will consider collecting the trajectories of movements of different user groups, particularly in a multimodal context that will allow for a more in-depth analysis and more accurate data driven Vision Zero Safety Plan.

Phase IV: Comprehensive Action Plan and Deliverables

In this phase, the safety analysis will be used to develop Vision Zero Safety Plan as well as provide recommendations.

3.2 Project's Estimated Schedule.

Action Plan Schedule

Milestone	Schedule Date
Planned NEPA Completion Date:	10/1/2024
Planned Draft Plan Completion Date:	04/30/2026
Planned Final Plan Completion Date:	06/30/2026
Planned Final Plan Adoption Date:	06/30/2026
Planned SS4A Final Report Date:	07/31/2026

3.3 Project's Estimated Costs.

(a) Eligible Project Costs

Eligible Project Costs	
SS4A Grant Amount:	\$689,992
Other Federal Funds:	\$0
State Funds:	\$
Local Funds:	\$172,498
In-Kind Match:	\$0
Other Funds:	\$0
Total Eligible Project Cost:	\$862,490

(b) Cost Classification Table – Planning and Demonstration Grants with demonstration activities and Implementation Grants Only – Not Applicable

(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

RECIPIENT INFORMATION

4.1 Recipient Contact(s).

Michael Minutelli
Post Award Finance Specialist III
The University of Central Florida
12201 Research Parkway, Suite 501 Orlando, FL 32826-3246
407-823-4573
Osp@ucf.edu; Michael.Minutelli@ucf.edu

4.2 Recipient Key Personnel.

Name	Title or Position
Natalia Barbour	Principal Investigator
Mohamed Abdel-Aty	Co-Investigator

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-33, 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
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and

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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. Note: This clause is only applicable to grants that do not include construction.

In accordance with 2 CFR 200.308(c)(6), unless described in the application and funded in the approved award, the Recipient must obtain prior written approval from the AO for the subaward, transfer, or contracting out of any work under this award above the Simplified Acquisition Threshold. This provision does not apply to the acquisition of supplies, material, equipment, or general support 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 Action Plan will be made publicly available and agrees that it will publish the final Action Plan on a publicly available website.
- 6.5** There are no other special grant requirements.

ATTACHMENT A
PERFORMANCE MEASUREMENT INFORMATION

Study Area: Lake and Sumter Counties, FL

Table 1: Performance Measure Table

Measure	Category and Description	Measurement Frequency and Reporting Deadline
Equity	Percent of Funds to Underserved Communities: Funding amount (of total project amount) benefitting underserved communities, as defined by USDOT	Within 120 days after the end of the period of performance
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" in Section 3.3 of the table.

Scope: N/A

Schedule: N/A

Budget: Redistribution of funds within the categories awarded, as follows:

<u>Category</u>	<u>Original</u>	<u>Revised</u>
Personnel	\$ 378,173.00	\$ 381,485.00
Fringe	\$ 79,430.00	\$ 95,970.00
Travel	\$ 3,624.00	\$ 3,624.00
Supplies	\$ 2,500.00	\$ 2,500.00
Contractual	\$ 6,500.00	\$ 86,526.00
Other	\$ 134,744.00	\$ 23,244.00
Indirect	\$ 257,519.00	\$ 269,141.00
Total	\$ 862,490.00	\$ 862,490.00

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

Fund Source	Application		Section 3.3	
	\$	%	\$N/A	%
Previously Incurred Costs (Non-Eligible Project Costs)				
Federal Funds	\$0	0%	\$0	0%
Non-Federal Funds	\$0	0%	\$0	0%
Total Previously Incurred Costs	\$0	0%	\$0	0%
Future Eligible Project Costs				
SS4AFunds	\$689,992	80%	\$689,992	80%
Other Federal Funds	\$0	0%	\$0	0%
Non-Federal Funds	\$172,498	20%	\$172,498	20%
Total Future Eligible Project Costs	\$862,490	100%	\$862,490	100%
Total Project Costs	\$862,490	100%	\$862,490	100%

ATTACHMENT C RACIAL EQUITY AND BARRIERS TO OPPORTUNITY

1. Efforts to Improve Racial Equity and Reduce Barriers to Opportunity.

The Recipient states that rows marked with “X” in the following table align with the application:

	A racial equity impact analysis has been completed for the Project. <i>(Identify a report on that analysis or, if no report was produced, describe the analysis and its results in the supporting narrative below.)</i>
	The Recipient or a project partner has adopted an equity and inclusion program/plan or has otherwise instituted equity-focused policies related to project procurement, material sourcing, construction, inspection, hiring, or other activities designed to ensure racial equity in the overall delivery and implementation of the Project. <i>(Identify the relevant programs, plans, or policies in the supporting narrative below.)</i>
	The Project includes physical-barrier-mitigating land bridges, caps, lids, linear parks, and multimodal mobility investments that either redress past barriers to opportunity or that proactively create new connections and opportunities for underserved communities that are underserved by transportation. <i>(Identify the relevant investments in the supporting narrative below.)</i>
	The Project includes new or improved walking, biking, and rolling access for individuals with disabilities, especially access that reverses the disproportional impacts of crashes on people of color and mitigates neighborhood bifurcation. <i>(Identify the new or improved access in the supporting narrative below.)</i>
	The Project includes new or improved freight access to underserved communities to increase access to goods and job opportunities for those underserved communities. <i>(Identify the new or improved access in the supporting narrative below.)</i>
	The Recipient has taken other actions related to the Project to improve racial equity and reduce barriers to opportunity, as described in the supporting narrative below.
X	The Recipient has not yet taken actions related to the Project to improve racial equity and reduce barriers to opportunity but intends to take relevant actions described in the supporting narrative below.
	The Recipient has not taken actions related to the Project to improve racial equity and reduce barriers to opportunity and will not take those actions under this award.

2. Supporting Narrative.

This particular study location was selected partly because according to Census, nearly 10% of population in each county live below the poverty level and 21.3% of population is recognized as the Underserved Communities Census Tract. Due to the rural nature of Lake-Sumter Counties, transportation availability and its safety play a vital role in the economic well-being of the community. Furthermore, the proposed analysis of the collected data will also provide information on the most common types of crashes on the rural and suburban roads (an equitable approach to the analysis will be warranted by also evaluating socio-demographic characteristics including geographic distribution, race, poverty level, limited English proficiency, disability, and age).

ATTACHMENT D CLIMATE CHANGE AND ENVIRONMENTAL JUSTICE IMPACTS

1. Consideration of Climate Change and Environmental Justice Impacts.

The Recipient states that rows marked with “X” in the following table align with the application:

	The Project directly supports a Local/Regional/State Climate Action Plan that results in lower greenhouse gas emissions. <i>(Identify the plan in the supporting narrative below.)</i>
	The Project directly supports a Local/Regional/State Equitable Development Plan that results in lower greenhouse gas emissions. <i>(Identify the plan in the supporting narrative below.)</i>
	The Project directly supports a Local/Regional/State Energy Baseline Study that results in lower greenhouse gas emissions. <i>(Identify the plan in the supporting narrative below.)</i>
	The Recipient or a project partner used environmental justice tools, such as the EJScreen, to minimize adverse impacts of the Project on environmental justice communities. <i>(Identify the tool(s) in the supporting narrative below.)</i>
	The Project supports a modal shift in freight or passenger movement to reduce emissions or reduce induced travel demand. <i>(Describe that shift in the supporting narrative below.)</i>
	The Project utilizes demand management strategies to reduce congestion, induced travel demand, and greenhouse gas emissions. <i>(Describe those strategies in the supporting narrative below.)</i>
	The Project incorporates electrification infrastructure, zero-emission vehicle infrastructure, or both. <i>(Describe the incorporated infrastructure in the supporting narrative below.)</i>
	The Project supports the installation of electric vehicle charging stations. <i>(Describe that support in the supporting narrative below.)</i>
	The Project promotes energy efficiency. <i>(Describe how in the supporting narrative below.)</i>
	The Project serves the renewable energy supply chain. <i>(Describe how in the supporting narrative below.)</i>
	The Project improves disaster preparedness and resiliency <i>(Describe how in the supporting narrative below.)</i>
	The Project avoids adverse environmental impacts to air or water quality, wetlands, and endangered species, such as through reduction in Clean Air Act criteria pollutants and greenhouse gases, improved stormwater management, or improved habitat connectivity. <i>(Describe how in the supporting narrative below.)</i>
	The Project repairs existing dilapidated or idle infrastructure that is currently causing environmental harm. <i>(Describe that infrastructure in the supporting narrative below.)</i>
	The Project supports or incorporates the construction of energy- and location-efficient buildings. <i>(Describe how in the supporting narrative below.)</i>
	The Project includes recycling of materials, use of materials known to reduce or reverse carbon emissions, or both. <i>(Describe the materials in the supporting narrative below.)</i>

	The Recipient has taken other actions to consider climate change and environmental justice impacts of the Project, as described in the supporting narrative below.
x	The Recipient has not yet taken actions to consider climate change and environmental justice impacts of the Project but will take relevant actions described in the supporting narrative below.
	The Recipient has not taken actions to consider climate change and environmental justice impacts of the Project and will not take those actions under this award.

2. **Supporting Narrative.**

Although there is no strictly environmental component in the project, the proposed plan will focus on studying and improving safety of non-motorized road users, which in turn offers the opportunity to provide environmental benefits.

**ATTACHMENT E
LABOR AND WORKFORCE**

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

The Recipient states that rows marked with “X” in the following table align with the application:

	The Recipient demonstrate, to the full extent possible consistent with the law, an effort to create good-paying jobs with the free and fair choice to join a union and incorporation of high labor standards. <i>(Identify the relevant agreements and describe the scope of activities they cover in the supporting narrative below.)</i>
	The Recipient or a project partner has adopted the use of local and economic hiring preferences in the overall delivery and implementation of the Project. <i>(Describe the relevant provisions in the supporting narrative below.)</i>
	The Recipient or a project partner has adopted the use of registered apprenticeships in the overall delivery and implementation of the Project. <i>(Describe the use of registered apprenticeship in the supporting narrative below.)</i>
	The Recipient or a project partner will provide training and placement programs for underrepresented workers in the overall delivery and implementation of the Project. <i>(Describe the training programs in the supporting narrative below.)</i>
	The Recipient or a project partner will support free and fair choice to join a union in the overall delivery and implementation of the Project by investing in workforce development services offered by labor-management training partnerships or setting expectations for contractors to develop labor-management training programs. <i>(Describe the workforce development services offered by labor-management training partnerships in the supporting narrative below.)</i>
	The Recipient or a project partner will provide supportive services and cash assistance to address systemic barriers to employment to be able to participate and thrive in training and employment, including childcare, emergency cash assistance for items such as tools, work clothing, application fees and other costs of apprenticeship or required pre-employment training, transportation and travel to training and work sites, and services aimed at helping to retain underrepresented groups like mentoring, support groups, and peer networking. <i>(Describe the supportive services and/or cash assistance provided to trainees and employees in the supporting narrative below.)</i>
	The Recipient or a project partner has documented agreements or ordinances in place to hire from certain workforce programs that serve underrepresented groups. <i>(Identify the relevant agreements and describe the scope of activities they cover in the supporting narrative below.)</i>

	<p>The Recipient or a project partner participates in a State/Regional/Local comprehensive plan to promote equal opportunity, including removing barriers to hire and preventing harassment on work sites, and that plan demonstrates action to create an inclusive environment with a commitment to equal opportunity, including:</p> <ul style="list-style-type: none"> a. affirmative efforts to remove barriers to equal employment opportunity above and beyond complying with Federal law; b. proactive partnerships with the U.S. Department of Labor's Office of Federal Contract Compliance Programs to promote compliance with EO 11246 Equal Employment Opportunity requirements and meet the requirements as outlined in the Notice of Funding Opportunity to make good faith efforts to meet the goals of 6.9 percent of construction project hours being performed by women and goals that vary based on geography for construction work hours and for work being performed by people of color; c. no discriminatory use of criminal background screens and affirmative steps to recruit and include those with former justice involvement, in accordance with the Fair Chance Act and equal opportunity requirements; d. efforts to prevent harassment based on race, color, religion, sex, sexual orientation, gender identity, and national origin; e. training on anti-harassment and third-party reporting procedures covering employees and contractors; and f. maintaining robust anti-retaliation measures covering employees and contractors. <p><i>(Describe the equal opportunity plan in the supporting narrative below.)</i></p>
	<p>The Recipient 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></p>
x	<p>The Recipient 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 the supporting narrative below.</p>
	<p>The Recipient has not taken actions related to the Project to improving good-paying jobs and strong labor standards and will not take those actions under this award.</p>

2. Supporting Narrative.

The University of Central Florida Board of Trustees follows all applicable Federal and State Department of Labor practices, meets all EEO and OIE standards as required under Federal and State law, and will continue to meet these standards and laws throughout the entire project.