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|--|---|----------------|--------------|------------------|--------------|----------------------|-----|--------------|-----|--------|--------------|
| <p>1. Federal Award No.
693JJ32640061</p> <p>4. Award To
Township of West Orange
66 Main Street
West Orange, NJ 07052-5404
Unique Entity Id.: QK38C6DQMQ45
TIN No.: 22-6002396</p> <p>6. Period of Performance
Effective Date of Award – Forty-eight (48) months</p> <p>8. Type of Agreement
Grant</p> <p>10. Procurement Request No.
HSA250077PR</p> <p>12. Submit Payment Requests To
See Article 5.</p> | <p>2. Effective Date
See No. 17 Below</p> <p>3. Assistance Listings No.
20.939</p> <p>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</p> <p>7. Total Amount</p> <table border="0"> <tr> <td>Federal Share:</td> <td>\$450,000.00</td> </tr> <tr> <td>Recipient Share:</td> <td>\$112,500.00</td> </tr> <tr> <td>Other Federal Funds:</td> <td>\$0</td> </tr> <tr> <td>Other Funds:</td> <td>\$0</td> </tr> <tr> <td>Total:</td> <td>\$562,500.00</td> </tr> </table> <p>9. Authority
Section 24112 of the Infrastructure Investment and Jobs Act (IIJA; Pub. L. 117–58, November 15, 2021)</p> <p>11. Federal Funds Obligated
\$450,000</p> <p>13. Accounting and Appropriations Data
15X0174E50.0000.055SR30500.5592000000.4
1010.61006600.0000000000.0000000000.0000
000000.0000000000</p> | Federal Share: | \$450,000.00 | Recipient Share: | \$112,500.00 | Other Federal Funds: | \$0 | Other Funds: | \$0 | Total: | \$562,500.00 |
| Federal Share: | \$450,000.00 | | | | | | | | | | |
| Recipient Share: | \$112,500.00 | | | | | | | | | | |
| Other Federal Funds: | \$0 | | | | | | | | | | |
| Other Funds: | \$0 | | | | | | | | | | |
| Total: | \$562,500.00 | | | | | | | | | | |

14. Description of the Project

This project will encompass supplemental planning and an update to the existing action plan. Key studies include a lighting analysis and an assessment focused on vulnerable road users, both of which will include a mapping initiative.

RECIPIENT

15. Signature of Person Authorized to Sign

Signature	Date
Name: Susan McCartney	
Title: Mayor	

FEDERAL HIGHWAY ADMINISTRATION

16. Signature of Agreement Officer

Signature	Date
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 Township of West Orange (the "Recipient").

This agreement reflects the selection of the Recipient to receive a Safe Streets and Roads for All ("SS4A") Grant for the West Orange Township FY24 Safe Streets and Roads for All Funding.

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 (IIJA, 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: West Orange Township FY24 Safe Streets and Roads for All Funding

Application Date: 5/16/2024

2.2 Award Amount.

SS4A Grant Amount: \$450,000.00

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:

The project will be completed in one phase.

West Orange's SS4A project will include supplemental planning studies.

A lighting study and vulnerable road users (VRU) study involves a coordinated effort to identify potential environmental, and economic impacts while ensuring compliance with federal requirements. Work begins with project scoping to define the purpose, need, and extent of each study. An initial environmental review would assess potential impacts each respective study: **Lighting** – Impacts of proposed lighting upgrades on wildlife, vegetation, and local ecosystems, while also considering energy efficiency and sustainability; **VRU** – Identify safety risks, such as high-speed zones or areas lacking safe crossings. Environmental reviews would consider the potential impacts of proposed improvements

For lighting, data collection will focus on existing lighting infrastructure including mapping, nighttime visibility, and traffic safety records. For VRU, gathering data on vehicular and pedestrian traffic patterns, crash histories, and existing infrastructure, such as sidewalks, bike lanes, and crosswalks is needed for mapping of vulnerable areas. Field assessments would identify safety risks, such as high-speed zones or areas lacking safe crossings. Based on the data and reports, a final plan will be prepared per the recommendations and findings of these reports.

For lighting, identifying areas with insufficient lighting, such as intersections, pedestrian pathways, or high-crash zones is key. Lastly, for the VRU study, the goal would be to understand how pedestrians, cyclists, and other non-motorized users interact with roadways in the study area.

3.2 Project's Estimated Schedule.

Supplemental Planning Schedule

Milestone	Schedule Date
Planned Final Plan Publicly Available Date:	January 2, 2029
Planned SS4A Final Report Date:	August 31, 2029

Project's Estimated Costs.

(a) Eligible Project Costs

Eligible Project Costs	
SS4A Grant Amount:	\$450,000
Other Federal Funds:	\$0
State Funds:	\$0
Local Funds:	\$112,500
In-Kind Match:	\$0
Other Funds:	\$0
Total Eligible Project Cost:	\$562,500

(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).

Zayibeth Carballo
Municipal Engineer
Township of West Orange
66 Main Street, West Orange, NJ 07052
973-325-4100
administration@westorange.org

4.2 Recipient Key Personnel.

Name	Title or Position
Zayibeth Carballo	Municipal Engineer
Jared Malveda	Assistant Municipal Engineer

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 – New Jersey
Agreement Officer's Representative (AOR)
840 Bear Tavern Road, Suite 202,
West Trenton, NJ 08628
(609) 637-4200
newjersey.fhwa@dot.gov

and

Sutapa Bandyopadhyay
New Jersey Division Office Lead Point of Contact
Planning & Program Development Manager
840 Bear Tavern Road, Suite 202,
West Trenton, NJ 08628
(609) 637-4230
sutapa.bandyopadhyay@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: Various Areas Identified in West Orange Vision Zero HIN Corridors Fact Sheets

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: The equity study is no longer included in this scope of work. The funds for this will be reallocated to prepare more extensive lighting and VRU studies by adding mapping elements to the studies. The additional mapping elements would include Geographic Information System (GIS) data to geo-locate and record areas of interest. This provides a way to better visualize existing areas of concern allowing for greater analysis of the data. The lighting study mapping element would include GIS located light fixtures and light levels. This would further provide data to analyze areas with substandard lighting and provide a way to prioritize lighting improvements to these areas. The key benefit of the mapping element includes adding data to the Township's existing GIS platform providing a record keeping of lighting assets. In addition, the mapping element will outline the VRU areas within the Township's boundaries to prioritize future project elements and budgeting. The scope of work is now limited to the SS4A award amount, removing the implementation components in the application.

Schedule:

The application anticipated a 60-month duration from 10/1/2024 – 9/30/2029. The duration is now 48 months to allow time for final reporting, closeout, and schedule contingency. Since the grant agreement execution timeline was not accounted for at the time of application, the project start date is shifted. The revised start date will align with the grant agreement execution date, and the new proposed end date will be forty-eight months from the date of grant agreement execution.

Budget: The budget was revised from the application requested amount of \$25 million to the award amount of \$450,000. The costs of the implementation components requested in the application were removed.

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	\$0		\$0	
Non-Federal Funds	\$0		\$0	
Total Previously Incurred Costs	\$0		\$0	
Future Eligible Project Costs				
SS4AFunds	\$25,000,000	80%	\$450,000	80%
Other Federal Funds	0			
Non-Federal Funds	\$6,250,000	20%	\$112,500	20%

Fund Source	Application		Section 3.3	
	\$	%	\$	%
Total Future Eligible Project Costs	\$31,250,000	100%	\$562,500	100%
Total Project Costs	\$31,250,000	100%	\$562,500	100%

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>
	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>
X	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.

West Orange Township is dedicated to ensuring that its Safe Streets and Roads for All (SS4A) project promotes fostering strong labor standards. The Township’s SS4A application and implementation plan will include specific actions to create good-paying jobs, support workforce development, and uphold the free and fair choice to join a union, aligning with federal labor guidelines and community values. Township’s approach to labor standards and job creation will directly support the overarching goals of the SS4A program by strengthening community resilience and building capacity for long-term workforce

development. By creating pathways to good-paying jobs and promoting fair labor practices, the Township's project will serve as a model for integrating transportation safety improvements with economic and social benefits.

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:

	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.

N/A - the proposed project does not include the purchase of Information Technology and/or Operational Technology.

ATTACHMENT G

[RESERVED]