NOTICE OF FUNDING OPPORTUNITY - SET-ASIDE FOR THE NATIONAL ACADEMY OF SCIENCES

AGENCY: U.S. Department of Transportation (DOT), Federal Highway Administration (FHWA).

ACTION: Notice of Funding Opportunity (NOFO) for the following planned awards:
(1) National Cooperative Highway Research Program (NCHRP); and
(2) Core Program Services for a Highway Research, Development, and Technology Program (Core Program Services).

FUNDING OPPORTUNITY NUMBER: 693JJ323NF00002 issued **February 15, 2023.**

ASSISTANCE LISTING NUMBER: 20.200 Highway Research & Development

TOTAL AMOUNT AVAILABLE: This NOFO will result in the planned award of two cooperative agreements to the National Academy of Sciences in the following amounts of Federal funds which are subject to availability.
(1) NCHRP: $325,000,000
(2) Core Program Services: $60,000,000

DEADLINE FOR APPLICATIONS: March 30, 2023 by 5 pm Eastern

SUBMIT APPLICATIONS TO: The FHWA uses www.grants.gov for receipt of all applications. Applicants must register and use the system to submit applications electronically. Applicants are encouraged to register in advance of the submission deadline and to register to receive notifications of updates/amendments to this Notice. Approval of user registrations for the site may take multiple weeks. It is the Applicant's responsibility to monitor for any updates to this Notice.

FHWA POINT OF CONTACT:
Sarah Tarpgaard, Agreement Specialist
Office of Acquisition and Grants Management
Federal Highway Administration
1200 New Jersey Ave., SE.
Washington, DC 20590
Email: sarah.tarpgaard@dot.gov (preferred)
Phone: 202-493-3225

Alternate: Ryan Buck, Acting Team Leader
Office of Acquisition and Grants Management
Federal Highway Administration
1200 New Jersey Ave., SE.
Washington, DC 20590
Email: ryan.buck@dot.gov (preferred)
Phone: 202-366-4229

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SECTION A - PROGRAM DESCRIPTION

1. STATEMENT OF PURPOSE

This NOFO is a sole source set-aside for the National Academy of Sciences (NAS). The purpose of this NOFO is to solicit two separate applications from NAS. This combined NOFO supports the following two planned cooperative agreements to NAS for the following amounts of Federal funds which are subject to availability.

(1) NCHRP: $325,000,000 (estimated funding over five years)

NAS will administer and conduct research on various topics selected under the NCHRP, after projects are approved annually by the American Association of State Highway Transportation Officials (AASHTO) Special Committee on Research and Innovation (R&I). The proposed cooperative agreement will enable the States to continue to leverage their research dollars by collaborating in an array of nationally focused research projects, with an increased emphasis on implementation of research results. Research areas under this agreement will include: (1) highway planning, financing, and administration; (2) highway and bridge design, materials, construction, roadside development and barrier systems; and (3) traffic operations and control, illuminations and visibility, traffic planning, and safety. The results of this research will be used by the States, the transportation community in general, and FHWA to maintain and improve the Nation's highway infrastructure and promote highway safety.

(2) Core Program Services: $60,000,000 (estimated funding over five years)

The purpose of this proposed Agreement is to continue to provide core program support for a highway research, development, and technology program on behalf of the State Departments of Transportation (State DOTs).

2. LEGISLATIVE AUTHORITY

NOTE: Both the NCHRP and the Core Program Services are "Pooled-Fund Programs" financed with Federal-aid State Planning and Research funds provided by States and District of Columbia Departments of Transportation (State DOTs) to FHWA to fund mutually agreed upon activities.

The legislative authority for the programs included in this NOFO is provided below.

The authority for the programs is found under Sections 502(a)(4) and 502(a)(5) of Title 23, United States Code (USC), which states the following:

> "**(4) ROLE**.—Consistent with these Federal responsibilities, the Secretary shall—
> **(A)** conduct research;
> **(B)** partner with State highway agencies and other stakeholders as appropriate to facilitate research and technology transfer activities;
> **(C)** communicate the results of ongoing and completed research;

(D) lead efforts to coordinate national emphasis areas of highway research, technology, and innovation deployment;
(E) leverage partnerships with industry, academia, international entities, and State departments of transportation;
(F) lead efforts to reduce unnecessary duplication of effort; and
(G) lead efforts to accelerate innovation delivery."

"**(5) PROGRAM CONTENT.—**A surface transportation research program shall include—
(A) fundamental, long-term highway research;
(B) research aimed at significant highway research gaps and emerging issues with national implications; and
(C) research related to all highway objectives seeking to improve the performance of the transportation system."

The authority to award cooperative agreements for these efforts is found under Section §502(b)(3) of Title 23, USC, Surface Transportation Research, which states the following:

"**(3) Cooperation, grants, and contracts. —**The Secretary may carry out research, development, and technology transfer activities related to transportation—
(A) independently;
(B) in cooperation with other Federal departments, agencies, and instrumentalities and Federal laboratories; or
(C) by making grants to or entering into contracts and cooperative agreements with one or more of the following: the NAS, the American Association of State Highway and Transportation Officials, any Federal laboratory, Federal agency, State agency, authority, association, institution, for-profit or nonprofit corporation, organization, foreign country, or any other person."

The authority to pool funding from the States to fund the programs can be found under Section 502(b)(6) of Title 23, USC, which states the following:

"(6) POOLED FUNDING—

(A) COOPERATION—To promote effective utilization of available resources, the Secretary may cooperate with a State and an appropriate agency in funding research, development, and technology transfer activities of mutual interest on a pooled funds basis.

(B) SECRETARY AS AGENT—The Secretary may enter into contracts, cooperative agreements, and grants as the agent for all participating parties in carrying out such research, development, or technology transfer activities.

(C) TRANSFER OF AMOUNTS AMONG STATES OR TO FEDERAL HIGHWAY ADMINISTRATION—The Secretary may, at the request of a State, transfer amounts apportioned or allocated to that State under this chapter to

> another State or the Federal Highway Administration to fund research, development, and technology transfer activities of mutual interest on a pooled funds basis.
>
> (D) TRANSFER OF OBLIGATION AUTHORITY—Obligation authority for amounts transferred under this subsection shall be disbursed in the same manner and for the same amount as provided for the project being transferred.

In accordance with Title 23, USC, Section 505, State planning and research, paragraph (d) Federal Share -The Federal share of the cost of a project carried out using funds subject to subsection (a) shall be 80 percent unless the Secretary determines that the interests of the Federal-aid highway program would be best served by decreasing or eliminating the non-Federal share.

The authority over the research title (other than sections 508) has been delegated to the FHWA Administrator under 49 CFR 1.85(a)(5).

Funding for these pooled-fund programs through FHWA agreements, when financed with State DOTs' Federal-aid State Planning and Research (SP&R) funds, is authorized without State matching. A cost sharing/matching waiver is approved and distributed annually by the Associate Administrator for Research, Development, and Technology, when the distribution of SP&R funding is authorized.

3. BACKGROUND

(1) NCHRP Background

The NCHRP is a national research program begun in 1962 and carried out through the collaborative efforts of FHWA, NAS, and the American Association of State Highway and Transportation Officials (AASHTO). The NCHRP is sponsored by the State DOTs and is administered by the Transportation Research Board (TRB). Participation in the NCHRP allows the States to leverage their research funding with that of the other States to achieve similar research objectives without duplication of effort.

As stated in the "Memorandum of Agreement on Operating Procedures for the National Cooperative Highway Research Program" effective October 1, 2003, the program is:

> …a substantial national program of highway transportation research, development, investigations, and studies addressed to the resolution of major problems of significance to many or all of the State departments of highways and transportation and to provide for a continuing long-range program in which the States and other interested parties have an opportunity to combine their efforts toward a common objective by pooling funds, thereby avoiding the time-consuming and highly complex procedure that might otherwise be required to initiate and to conduct such a program on an individual project basis.

Prior to the original Agreement, DTFH61-08-H-00035, and second DTFH61-13-H-00024, and current 693JJ31950003, FHWA collected funds from the State DOTs and then reimbursed NAS for NCHRP expenditures solely based on the existing MOA. FHWA determined that an underlying award vehicle (obligating document) is needed to appropriately manage and transfer the collected State funds from FHWA to NAS. Accordingly, FHWA seeks to award this renewal of the cooperative agreement to NAS to accomplish this objective and has determined that the continuation of the subject work is necessary and beneficial to industry, the State DOTs, and the Government. The planned award under this NOFO is a follow-on to the current cooperative agreement 693JJ31950003, established to collect and distribute the State DOTs pooled funds for the NCHRP.

(2) Core Program Services Background

The transportation research community consists of numerous partnerships to aid in the conduct of research and the implementation of technologies and innovations. The FHWA, State DOTs, and NAS are among these partners, who work closely in many facets of the national research program.

TRB is a unit of the National Research Council (NRC), a private, nonprofit institution that is the principal operating agency of the NAS. The TRB's mission is to promote innovation and progress in transportation by stimulating and conducting research, facilitating the dissemination of information, and encouraging the implementation of research results.

TRB fulfills this mission through the work of its standing technical committees and task forces addressing all modes and aspects of transportation; publication and dissemination of reports and peer-reviewed technical papers on research findings; administration of contract research programs; conduct of special studies on transportation policy issues; maintenance of the Transportation Research International Documentation (TRID); and hosting an annual meeting that attracts approximately 14,000 transportation professionals from throughout the United States and abroad.

TRB is supported by State DOTs, the various administrations of the U.S. Department of Transportation and other federal agencies, industry associations, and other organizations. The planned award under this NOFO is a follow-on to the current cooperative agreement 693JJ31850017 with NAS, established to collect and distribute the State DOTs pooled funds to NAS to support the TRB Core Program Services.

4. PROGRAM GOALS

(1) NCHRP

The goal of this cooperative agreement is to provide funding, collected by FHWA from the State DOTs, to support the administration and research activities of the NCHRP. The FHWA will collect funds from the State DOTs annually using the Transportation Pooled Fund (TPF) process. Transfers received from the State DOTs are then obligated by FHWA to the cooperative

agreement for NCHRP projects.

(2) Core Program

The goal and of this cooperative agreement is to provide funding, collected by FHWA from the State DOTs, to support the administration and research activities of the TRB Core Program Services, including:

- Support a national and international highway Research and Technology (R&T) program;
- Encourage and promote the establishment of research activities within all highway agencies;
- Assist in the operation and maintenance of TRID; and
- Disseminate highway research results and promote implementation and technology transfer.

5. STATEMENT OF WORK

(1) NCHRP

The Recipient must administer and conduct research on various topics selected under the NCHRP. Specific research areas include: (1) highway planning, financing and administration; (2) highway and bridge design, materials, construction, roadside development and barrier systems; (3) freight and passengers, traffic operations and control, illuminations and visibility, traffic planning, and safety; and (4) other areas as deemed appropriate by the AASHTO R&I and the FHWA Agreement Officer (AO). Possible areas of research within these broad areas are detailed below.

Highway Planning, Financing, and Administration

The Recipient will address problems pertaining to highway planning, financing, and administration. Specific activities under this agreement may include:

(1) Evaluating the economic impact of highway operations and facilities.
(2) Developing improved methodologies for evaluating highway improvements.
(3) Valuation of damages caused by highways.
(4) Analyzing social, environmental and energy impacts of highway transportation.
(5) Improving techniques for forecasting and monitoring highway travel and its impacts.
(6) Reviewing and analyzing legal problems arising from highway programs.
(7) Developing systems and training material for managing highway assets.

Highway and Bridge Design, Materials, Construction, Roadside Development, Maintenance, and Barrier Systems

The Recipient will address problems pertaining to highway and bridge design, materials, construction, maintenance, roadside development and barrier systems. Specific activities may include:

(1) Developing guidelines for pavement design and drainage.

(2) Developing and evaluating new bridge designs and construction techniques.
(3) Evaluating the effects of highway design elements on traffic operation and safety.
(4) Reviewing and updating guidelines for the design of highway facilities.
(5) Developing improved data, procedures, and guidelines for the selection, design, and maintenance of roadside features and barrier systems.
(6) Reviewing and recommending improvements in specifications, procurement procedures, and practices.
(7) Developing new and improved instrumentation for measuring soil properties and building better foundations.

Freight and Passenger, Traffic Operations and Control, Illuminations and Visibility, Traffic Planning, and Safety

The Recipient will address problems pertaining to traffic operations and control, freight and passengers, illumination and visibility, traffic planning and safety. Specific activities may include:

(1) Developing a highway safety manual and improved safety analysis techniques.
(2) Testing and evaluating innovative intersection designs and traffic controls such as roundabouts.
(3) Developing improved guidelines and warrants for traffic control devices.
(4) Measuring, testing, and evaluating the operational and safety effects of traffic control devices and traffic management systems.
(5) Providing guidance for implementing the American Association of State Highway Transportation Officials (AASHTO) Strategic Highway Safety Plan.
(6) Developing improved methods and procedures for analyzing highway capacity and quality of service.
(7) Identifying and evaluating practical methods and guidelines for improving visibility and illumination of highways and traffic control devices.
(8) Determining road user needs and limitations and incorporating them into human factors guidelines for the design and safe operation of highway facilities.

Reports and Deliverables

TRB provides the Agreement Officer's Representative (AOR) with all draft and final publications reporting on the activities carried out under the NCHRP. There is a final report produced for all projects, tasks, and topics under the NCHRP. A copy of all final reports is made available electronically to all FHWA staff. A hard copy can be requested.

Participation and Funding

This program is supported on a continuing basis by funds from participating member States of the AASHTO. Participation in and funding of the NCHRP from the State DOTs are to be in accordance with the following:

- Each year, the program for NCHRP is approved by the AASHTO R&I during their April annual meeting. This approval is in advance of the coming fiscal year program.

- State DOTs voluntarily participate in this program and provide their funds using the pooled fund process for this cooperative agreement.

- A memo is generated by the Associate Administrator for RD&T, requesting State funding via pooled fund transfer. This request is sent when SP&R funds have been approved for use.

- NCHRP is calculated at 5.5% of SP&R funds.

- FHWA will obligate funds to this cooperative agreement from participating States through the funds transfer process.

- NOTE: A SDOT's funding of the NCHRP program through this agreement when financed with Federal-aid SP&R funds is authorized without State matching of Federal funds.

(2) Core Program

The Recipient must conduct the following activities:

Task 1—Conduct an Annual Meeting

Conduct an annual international meeting in the Washington, D.C. area as a forum for the presentation of highway research results. This annual meeting will be held within the context of an overall transportation research meeting involving various modes of transportation. The Recipient may solicit and receive funding to conduct technical sessions relating to these other transportation modes from other sources.

As part of, and in conjunction with, the annual meeting, the Recipient shall provide facilities and support for the various technical committees established by the TRB.

Provide for registration of all State DOTs employees requesting registration at the annual meeting at a lump sum amount or reduced rate per capita not to exceed a lump sum amount.

Task 2—Technical Committees

Maintain standing committees of authorities in subject areas of interest to the State DOTs. These committees are responsible for promoting the exchange of technical research information, advancing the state of the art in the areas of their expertise and for identifying research needs. Committee membership shall be in accordance with NRC/TRB requirements for member balance among organizations, regions, disciplines, and other characteristics.

Establish appropriate new committees as the need is demonstrated and to respond to changing issues facing the transportation industry.

Conduct committee-sponsored conferences and workshops as determined appropriate by the technical committees.

Task 3—Maintenance of National Overview of Highway Research

Maintain a national overview of highway research. Visit approximately 17 State DOTs per year and 50 State DOTs over a 3-year period to assess the interest, competency, and relevancy of the research conducted by each SDOT as well as encourage a coordinated national transportation emphasis. In conjunction with these visits, visit selected key universities and public/private researchers responsible for highway-related research. Visits to international research organizations conducted as part of international visits by TRB staff for other specific purposes/conferences shall also be considered under this task. Visits should be consolidated as much as possible to minimize travel expenses. Include a summary of the results of field visits in the annual progress report.

Task 4—Maintenance and Dissemination of Research Results (Clearinghouse for Research Results)

Process publications into the TRID. In addition, provide TRID searches for State DOTs. Maintain web access to TRID with the Research and Innovative Technology Administration, the U.S. Department of Transportation, and other means for increasing accessibility to TRID for users. These changes may require additional maintenance and training to accommodate efficient use.

Task 5—Publication and Distribution of Reports

Develop, publish, and distribute a variety of reports and periodicals to assist in the transfer of technical information. Publications shall include but not be restricted to items such as general non-technical reports related to very specific topics. Reports shall also be developed which summarize and highlight some of the key papers presented at the annual meeting. Provide one copy of each publication issued by the TRB to the AOR during the period of performance.

Reports and Deliverables

Provide the AOR with all publications reporting on the activities carried out under its core technical activities program. There are approximately 60 to 80 of these individual reports delivered to the State DOTs each year. These reports include but are not limited to: Approximately 50 reports per year in the *Transportation Research Board Record Series—A Journal of the Transportation Research Board*, the bimonthly *TRNews*, the TRB *Annual Report* (which includes required financial information on the status of the core services), the annual *Field Visit Program* publication, and the technical and financial reports presented semi-annually at Executive Committee meetings.

Provide these reports electronically. The established reports above are also more detailed and timelier and should be provided as available. In addition, the Recipient must provide a standard quarterly progress report (see Reporting clause in Section C, below).

Participation and Funding

Participation in and funding of the core program for the State DOTs are to be in accordance with the following:

- Annually, State DOTs will indicate to FHWA and TRB by the beginning of the second quarter of the Federal fiscal year their intention of supporting TRB's core program through participation in a pooled fund study, as provided in this cooperative agreement. (NOTE: A SDOT's funding of the core program through this agreement when financed with Federal-aid SP&R funds is authorized without State matching of Federal funds.)

- State DOTs electing to provide their funds through this cooperative agreement will commit their funds through the TPF Web site.

- FHWA will obligate funds to this cooperative agreement from participating States through the funds transfer process.

<end of section>

SECTION B – FEDERAL AWARD INFORMATION

1. FUNDING

The estimated amount of funding available per award under this NOFO is:

(1) NCHRP: $325,000,000 (estimated funding over five years)

(2) Core Program Services: $60,000,000 (estimated funding over five years)

This NOFO is subject to availability of funding. The Government's obligation under this award is contingent upon the availability of State DOT pooled funds from which payment for agreement purposes can be made. No legal liability on the part of the Government for any payment may arise until funds are made available to the AO for this award and until the awardee receives notice of such availability, to be confirmed in writing by the Agreement Officer. The Government reserves the right to make no awards under this NOFO.

NOTE: Application preparation costs are not an allowable charge under any award made based on this NOFO.

2. ANTICIPATED NUMBER OF AWARDS

The Government anticipates making two awards to NAS as a result of this NOFO.

3. TYPE OF AWARD

The planned award type is a cost reimbursement cooperative agreement.

4. PERIOD OF PERFORMANCE

The award period of performance is anticipated to be:

(1) NCHRP: Ten-year period of performance. FHWA anticipates obligation of Federal funding during Years 1-5 to initiate research projects, with performance and completion of research projects during Years 6-10.

(2) Core Program Services: Five-year period of performance.

5. DEGREE OF FEDERAL INVOLVEMENT

The FHWA anticipates substantial Federal involvement between FHWA and the Recipient during this project. FHWA anticipates the Federal involvement will include as applicable:

(1) NCHRP

- Participation in the NCHRP as outlined in the Memorandum of Agreement;

- Coordination of this activity with other FHWA activities;
- Technical assistance and guidance;
- Liaison participation on project panels (one FHWA liaison per project);
- Close monitoring during performance;
- Involvement in technical decisions;
- Acceptance of final project reports;
- Participation in status meetings including kick off meeting and annual budget reviews as needed.

(2) Core Program Services

- Technical assistance and guidance to the Recipient;
- Close monitoring of performance;
- Involvement in technical decisions; Review and approval of work plan (including outreach and dissemination plan), and course materials;
- Performance reporting and financial reporting to ensure that the objectives and terms and conditions of the Agreement are met;
- Ability to redirect project activities;
- Participation in status meetings including kick-off meeting and annual technical and budget reviews; and
- Review and comment on draft documents as appropriate.

<end of section>

SECTION C – ELIGIBILITY INFORMATION

1. ELIGIBLE APPLICANTS

This is a sole source notice with application eligibility limited to NAS.

2. COST SHARING OR MATCHING

No cost sharing or matching is required for the planned cooperative agreement awards.

<end of section>

SECTION D - APPLICATION AND SUBMISSION INFORMATION

1. ADDRESS TO REQUEST APPLICATION PACKAGE

Applicants may obtain application forms at grants.gov under the Notice of Funding Opportunity Number cited herein. All application materials may be found on *Grants.gov* at http://www.grants.gov.

If potential applicants are unable to download the application package from the internet, they may send a written request for a paper copy to the below address. Requests should be sent to: sarah.tarpgaard@dot.gov.

2. CONTENT AND FORM OF APPLICATION SUBMISSION

NOTE: NAS is requested to submit two separate applications, one for each program described herein. The application instructions and evaluation criteria are the same for both programs.

Application Format

- Applications must be prepared on 8½ x 11- inch paper. Pages that exceed this size, such as foldouts, are not allowable.
- Narrative text must be printed using a font size no less than 12-point font.
- Tables are permitted. Text in tables may be smaller than 12-point font but must be legible.
- Page margins must be a minimum of 1-inch top, bottom, and each side.
- Page numbers may be located within the 1-inch margin.
- A Header or Footer identifying the Applicant/Team and the Volume or Part, may be located within the 1-inch margins.
- Resumes are limited to 3 pages each.
- PAGE LIMITS: Application volumes shall adhere to the page count limitations listed below. The page limit incudes all narratives, figures, tables, appendices, and all other ancillary materials with the exception of the following.
- EXCEPTION ON PAGE LIMITS: The following items do NOT count against the page limitation.
    - Document covers;
    - Cover letters;
    - Title pages;
    - Divider pages;
    - Table of contents;
    - Lists of acronyms;
    - Letters of intent to participate from proposed subcontractors, consultants, partners and proposed new hires; and
    - Resumes. (**NOTE**: resumes shall not exceed 3 pages each.)

Application Content - Overview

The application package must consist of the following parts:

1) Standard Forms (SF)
2) Volume 1 Technical Application / Project Narrative
3) Volume 2 Budget Application

Application Content – Detailed Instructions

1) Standard Forms (SF)

SF 424, SF-424A, and Grants.gov Lobbying Form.

2) Volume 1 Technical Application / Project Narrative

NOTE: The Volume 1 Technical Application/Project Narrative must not exceed 30 pages. Resumes, Letters of Intent, and the other items included in the bulleted list above are excluded from the page count.

A. Project Abstract: Summarize the scope of work that would be completed under the award, including project goals and outcomes anticipated.

B. Project Description: Include a detailed description and scope of work including specific milestones. Provide a technical and management plan describing in detail how the Applicant proposes to carry out the work. Describe how the Applicant proposes to meet program goals listed in NOFO Section A. Identify project risks and how the Applicant proposes to address these risks. Identify proposed project performance measures and how they will be evaluated.

C. Project Team Information: Include detailed information about the proposed Applicant team, including any partnerships or collaborations with other entities to deliver the project. The information should specifically describe the role of each entity in delivering the project. Provide a staffing plan to perform the work, including names and positions of key personal. Provide an organizational chart identifying proposed staff members assigned to this effort. The chart must be supported with narrative text to include the title and a brief description of each position's responsibilities, as well as the proposed level of effort and allocation of time (percent in relation to their other duties) for each position on a yearly basis and in summary format. The level of effort may be displayed (single spaced) in a table format. One table can be presented if the level of effort will be constant across all years, and the table is annotated as such. The hours in this table must be consistent with the information presented in the Budget Volume.

D. Project Schedule: Include detailed information about the project schedule that identifies all major project milestones and, if applicable, requires submittals.

E. Resumes: Provide resumes of key personnel and staff with significant roles, from both the prime Applicant and team members/subawardees/subcontractors as necessary.

F. Letters of Intent to Participate: Provide a letter of intent or commitment from each proposed sub-recipient/subcontractor. This includes any sub-recipient/subcontractor that will be included in the Federal share or in a non-paid (volunteer) capacity. Provide a letter of intent to participate from significant team members as the Applicant deems necessary.

3) Volume 2 Budget Application

NOTE: If needed, the FHWA may request additional budget information to clarify an application. FHWA encourages Applicants to submit the most relevant and complete information they can provide.

A. Budget Tables: Provide a separate detailed budget table for each year and summarize the information for all years for all activities. Spreadsheets can be formatted similarly to the format in DOT Form 4220.44, located at: 4220_44.xls (dot.gov). **NOTE**: Profit/fee is not allowable for the prime Recipient.

Budget tables must include the following cost elements as applicable to the project:

Labor Rates: Direct labor-by-labor categories to include hours, rates and escalation. The labor rates and annual direct labor escalations rate and its basis must be in accordance with 2 CFR 200.430.

Indirect Rates: Provide your organization's signed current approved indirect cost rate from the cognizant Federal agency or letter of request to cognizant agency for rate establishment or adjustment. Indirect costs rates must be established according to 2 CFR 200.414.

Other Direct Costs: Applicants must provide a breakout and justification of Other Direct Costs by Category (travel, equipment, etc.). Direct costs must be in accordance with 2 CFR Part 200 Subpart E (Cost Principals).

Subcontractors/sub-recipients: If subcontractors/sub-recipients (lower-tiered organizations and/or individual consultants) will be used in carrying out this project, the following minimum information concerning such, must be furnished:

1) Name and address of the organization or consultant.
2) Description of the portion of work to be conducted by the organization or consultant.
3) Cost details for that portion of work.
4) Applicant's cost/price analysis of each sub-recipient/contractor(s) showing

how their price is fair and reasonable.

B. Other Business Information: Provide the following information relative to the PRIME APPLICANT.

1) Identify any exceptions to the anticipated award terms and conditions as contained in Section F, Federal Award Administration Information.

2) Identify any preexisting intellectual property that the Applicant anticipates using during award performance, and your position on its data rights during and after the award period of performance.

3) Applicant SAM Unique Entity Identifier (UEI).

4) A statement to indicate whether the Applicant has previously completed an A-133 Single Audit and, if so, the date that the last A-133 Single Audit was completed.

5) A statement regarding Conflicts of Interest. The Applicant must disclose in writing any actual or potential personal or organizational conflict of interest in its application that describes in a concise manner all past, present or planned organizational, contractual or other interest(s), which may affect the Applicants' ability to perform the proposed contract in an impartial and objective manner. Actual or potential conflicts of interest may include but are not limited to any past, present or planned contractual, financial, or other relationships, obligations, commitments or responsibilities, which may bias the Applicant or affect the Applicant's ability to perform the project in an impartial and objective manner. The FHWA will review the statement(s) and may require additional relevant information from the Applicant. All such information, and any other relevant information known to FHWA, will be used to determine whether an award to the Applicant may create an actual or potential conflict of interest. If any such conflict of interest is found to exist, the FHWA may (a) disqualify the Applicant, or (b) determine that it is otherwise in the best interest of the Government to contract with the Applicant and include appropriate provisions to mitigate or avoid such conflict in the award pursuant to 2 CFR 200.112.

6) A statement to indicate whether a Federal or State organization has audited or reviewed the Applicant's accounting system, purchasing system, and/or property control system. If such systems have been reviewed, provide summary information of the audit/review results to include as applicable summary letter or agreement, date of audit/review, Federal or State point of contact for such review.

7) Terminated Contracts. List any contract/agreement that was awarded to the prime Applicant then later terminated for convenience of the Government within the past 3 years, and any contract/agreement that was terminated for default within the past 5 years. Briefly explain the circumstances in each instance.

8) Describe how the Applicant will obtain the necessary resources to fund and fulfill the

proposed cost share, as applicable.

9) The Applicant is directed to review Title 2 CFR Part 170 (http://www.ecfr.gov/cgi-bin/text-idx?c=ecfr&tpl=/ecfrbrowse/Title02/2cfr170_main_02.tpl) dated November 12, 2020, and Appendix A thereto, and acknowledge in its application that it understands the requirement, has the necessary processes and systems in place, and is prepared to fully comply with the reporting described in the term if it receives funding resulting from this NOFO. The text of Appendix A will be incorporated in the award document as a General Term and Condition as referenced under this NOFO's Section F, Federal Award Administration Information.

10) Disclose any violations of Federal criminal law involving fraud, bribery, or gratuity violations. Failure to make required disclosures can result in any of the remedies described in 2 CFR 200.339 entitled Remedies for Noncompliance, including suspension or debarment. (See also 2 CFR Part 180 and 31 U.S.C. 3321).

11) If a nonprofit or not-for-profit status, please provide evidence of this status preferably from the Internal Revenue Service.

12) Acknowledgement of acceptance of the NOFO terms and acknowledgement and acceptance of any Amendments issued to this NOFO. List Amendment numbers and issue dates, if any.

3. UNIQUE ENTITY IDENTIFIER AND SYSTEM FOR AWARD (SAM)

Each Applicant is required to:

a. Have an active registration in SAM.gov at the time the Applicant submits an application;

b. Provide a valid UEI in their application; and

c. Continue to maintain an active SAM registration with current information at all times during which the Applicant has an active Federal award or an application or plan under consideration by a Federal awarding agency.

FHWA may not make a Federal award to an Applicant until the Applicant has complied with all applicable UEI and SAM requirements. If an Applicant has not fully complied with the requirements by the time the Federal awarding agency is ready to make a Federal award, the Federal awarding agency may determine that the Applicant is not eligible to receive a Federal award and use that determination as a basis for making a Federal award to another Applicant.

4. SUBMISSION DATES AND TIMES

The application must be received electronically through www.grants.gov by the application due date/time listed on page 1 of this NOFO (or as updated by a NOFO Amendment, if applicable).

The due date/time is the date and time by which FHWA must receive the full and completed application, including all required sections.

For the submitted application package, FHWA suggests that pictures, graphics, and other large files be reduced in number and quality to keep the size of the files of the application manageable and in line with the Grants.gov maximum size of 200 megabytes for the entire grant application package.

GRANTS.GOV: Applicants must follow the instructions on Grants.gov to successfully use the website to submit an application. Use of Grants.gov may entail the following steps for those setting up new accounts or first-time users.

a. Register with SAM at www.SAM.gov
b. Obtain a valid UEI;
c. Create a *Grants.gov* account; and
d. Respond to the registration email sent to the E-Business Point of Contact from *Grants.gov*, and login at *Grants.gov* to authorize the Applicant as the Authorized Organization Representative (AOR). Please note that there can be more than one AOR for an organization.

****Please note that the *Grants.gov* registration process may take two to four weeks.**

GRANTS.GOV HELP: For Grants.gov training resources, including video tutorials, refer to: Home | GRANTS.GOV. For assistance with Grants.gov registration and application submittal, refer to the Grants.gov Support Center: Support | GRANTS.GOV.

5. INTERGOVERNMENTAL REVIEW

An application under this Notice of Funding Opportunity [input is or is not] subject to the State review under E.O. 12372.

6. FUNDING RESTRICTIONS

The FHWA will not reimburse any pre-award costs or application preparation costs under this proposed award.

<end of section>

SECTION E - APPLICATION REVIEW INFORMATION

1. CRITERIA

FHWA will evaluate applications on the following criteria: Technical Merit and Cost.

TECHNICAL MERIT: FHWA will evaluate and rank the Technical application against the following criteria in order of descending importance:

- Demonstration of a sound, feasible, and achievable technical and management approach to successfully perform the work.

- Demonstration of a sound, feasible, and achievable staffing approach to successfully perform the work.

COST: Relative cost will be considered in the award decision. The budget application will be analyzed to assess cost reasonableness and conformance to applicable cost principles. This evaluation factor will not be rated.

2. REVIEW AND SELECTION PROCESS

A panel of FHWA/DOT experts will collectively evaluate and rate the applications using the selection criteria listed above.

As determined necessary to support the evaluation and selection process, FHWA may conduct discussions with the Applicant to clarify elements of the technical and budget applications and request additional detailed and itemized cost information.

The selection official responsible for final award decisions is the Agreement Officer, FHWA Office of Acquisition and Grants Management.

The Government is not obligated to make any award as a result of this notice.

Risk Assessment: Prior to award, each selected Applicant will be subject to a risk assessment required by 2 CFR 200.205. If the Federal awarding Agency determines that an award will be made, special conditions that correspond to the degree of risk assessed may be applied to the Federal award in accordance with 2 CFR 200.206.

This Risk Assessment will include evaluation of some or all of the following items relative to the Applicant and sub-applicants as applicable:

(1) Applicant's financial stability;

(2) Applicant's quality of management systems and ability to meet the management standards prescribed in 2 CFR Part 200;

(3) Applicant's history of performance;

Note: History of performance includes the Applicant's record in managing Federal awards, if it is a prior Recipient of Federal awards, including timeliness of compliance with applicable reporting requirements, conformance to the terms and conditions of previous Federal awards, and if applicable, the extent to which any previously awarded amounts will be expended prior to future awards. The Government will evaluate the relevant merits of the Applicant's history of performance based on its reputation and record with its current and former customers with respect to quality, timeliness and cost control. The history of performance will be reviewed to assure that the Applicant has relevant and successful experience and will be considered in the risk assessment. In evaluating history of performance, the Government may consider both written information provided in the application, as well as any other information available to the Government through outside sources.

(4) Applicant's audit reports and findings from audits performed on the Applicant pursuant to 2 CFR Part 200 Subpart F — Audit Requirements or the reports and findings of any other available audits;

(5) Applicant's ability to effectively implement statutory, regulatory, or other requirements imposed on non-Federal entities;

(6) Applicant's potential for conflict of interest if applicable; and

Note: FHWA will review information provided by the Applicant, and any other relevant information known to FHWA, to determine whether an award to the Applicant may create an actual or potential conflict of interest. If any such conflict of interest is found to exist, FHWA may (a) disqualify the Applicant, or (b) determine that it is otherwise in the best interest of the United States to award to the Applicant and include appropriate provisions to mitigate or avoid such conflict in the agreement pursuant to 2 CFR 200.112.

(7) Applicant's eligibility to receive Federal funding. Per the guidelines on governmentwide suspension and debarment in 2 CFR Part 180, the Government will confirm that the Applicant and any named sub-applicants are not debarred, suspended or otherwise excluded from or ineligible for participation in Federal programs or activities.

NOTE: If an Applicant is determined to be high-risk, additional reporting requirements or other special conditions may apply to the resulting award to mitigate risks.

3. ADDITIONAL INFORMATION

Pursuant to 2 CFR Part 200.206, prior to making a Federal award, the Federal awarding Agency is required to review information available through any Office of Management and

Budget (OMB) designated repositories of governmentwide eligibility qualification or financial integrity information such as Dun & Bradstreet (D&B) and SAM.gov. The Government's review of this information will occur as part of the risk assessment. An Applicant may review information in SAM.gov and comment on any information about itself. The FHWA will consider comments by the Applicant, in addition to other information in SAM.gov, in making a judgment about the Applicant's integrity, business ethics, and record of performance under Federal awards when completing the risk assessment. The FHWA reserves the right to deny an award based on the results of the risk assessment.

4. ANTICIPATED ANNOUNCEMENT AND FEDERAL AWARD DATES

The FHWA anticipates, but does not guarantee, awards will be made by **September 1, 2023**.

<end of section>

SECTION F – FEDERAL AWARD ADMINISTRATION INFORMATION

1. FEDERAL AWARD NOTICES

Only the AO or other authorized representative can commit FHWA and bind the Federal Government to the expenditure of funds.

2. ADMINISTRATIVE AND NATIONAL POLICY REQUIREMENTS

All awards will be administered pursuant to the Uniform Administrative Requirements, Cost Principles and Audit Requirements for Federal Awards found in 2 CFR Part 200, as adopted by DOT at 2 CFR Part 1201. Applicable Federal laws, rules and regulations set forth in 23 U.S.C. and 23 CFR and 49 CFR also apply.

GENERAL CLAUSES

The online clauses entitled "General Terms and Conditions for Assistance Award" apply to the resulting award, and are available in full text online at:
https://www.fhwa.dot.gov/cfo/contractor_recip/gtandc_generaltermsconditions.cfm

SPECIAL CLAUSES

In addition to the General Clauses cited above, the following Special Clauses will apply to the resulting award.

A. RESERVED

B. INDIRECT COSTS

Indirect costs are allowable under this Agreement in accordance with the Recipient's Federally Negotiated Indirect Cost Rates as documented in writing and approved by the Recipient's cognizant Government agency. In the absence of such Government-approved indirect rates, the following rates are hereby approved for use under this agreement as shown below:

Type*	Indirect Rate	Period	Rate (%)	Base

*Types of Rates: Pred - Predetermined; Fixed - Fixed; Final – Final; Prov: Provisional/billing; or De minimus.

In the event the Recipient determines the need to adjust the above listed rates, the Recipient will notify the AO of the planned adjustment and provide rationale for such adjustment. In the event such adjustment rates have not been audited by a Federal agency, the adjustment of rates must be pre-approved in writing by the AO.

This Indirect Cost provision does not operate to waive the limitations on Federal funding provided in this document. The Recipient's audited final indirect costs are allowable only insofar as they do not cause the Recipient to exceed the total obligated funding.

C. DATA RIGHTS

The Recipient must make available to the FHWA copies of all work developed in performance with this Agreement, including but not limited to software and data. Data rights under this agreement shall be in accordance with 2 CFR 200.315, Intangible property.

D. PERSONALLY IDENTIFIABLE INFORMATION (PII)

Personally Identifiable Information (PII) as defined at CFR Part 200.1 at will not be requested unless necessary and only with prior written approval of the AO with concurrence from the AOR.

E. AVAILABLE FUNDING

The total estimated amount of Federal funding that may be provided under this Agreement is $_____ (to be filled in at award) for the entire period of performance, subject to the limitations shown below:

(1) Currently, Federal funds identified on page 1 of the award document, are obligated to this agreement.

(2) Subject to availability of funds, and an executed document by the AO, the difference between the current funding and the total estimated amount of Federal funding may be obligated to this Agreement.

(3) The FHWA's liability to make payments to the Recipient is limited to those funds obligated under this Agreement as indicated above and any subsequent amendments.

F. KEY PERSONNEL

Pursuant to 2 CFR 200.308(c)(2), the Recipient must request prior written approval from the AO for any change in Key Personnel specified in the award. The following person(s) are/have been identified as Key Personnel:

1) [Insert Name Title/Position]

G. PROGRAM INCOME

Pursuant to 2 CFR 200.307, Program income earned during the agreement period must be added to the Federal award and used for the purposes and under the conditions of the Federal award, unless otherwise approved by the AO. Program income must not be used to offset the Federal or Recipient contribution to this project.

H. SUBAWARDS

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

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. This provision does not apply to the acquisition of supplies, material, equipment, or general support services.

The following subawards are currently approved under the Agreement:

(*** to be filled in at award ***)

Approval of each subaward is contingent upon a fair and reasonable price determination, and approval by the AO for each proposed subcontractor/sub-recipient. Consent to enter into subawards will be issued through a formal amendment to the Agreement.

I. ORDER OF PRECEDENCE

The Recipient's technical and budget application volumes are accepted, approved, and incorporated herein as Attachments 1 and 2. In the event of any conflict between this agreement document and the Recipient's application, this Agreement document shall prevail.

J. DESIGNATION AS RESEARCH OR NON-RESEARCH AGREEMENT

This agreement is designated as: RESEARCH

K. CONFERENCE SUPPORT RESTRICTIONS

The Recipient must obtain written approval from the AOR prior to incurring any costs for conference support. See the definition of conference as contained in 2 CFR 200.432.

Food and beverage costs are not allowable conference expenses for reimbursement under this Agreement.

Note: Costs of meals are allowable as a travel per diem expense for individuals on travel status and pursuant to the Travel clause of this Agreement.

L. DISPUTES

The parties to this Agreement will communicate with one another in good faith and in a timely and cooperative manner when raising issues under this provision. Any dispute, which for the purposes of this provision includes any disagreement or claim, between the FHWA and the Recipient concerning questions of fact or law arising from or in connection with this Agreement

and whether or not involving alleged breach of this Agreement, may be raised only under this Disputes provision.

Whenever a dispute arises, the parties will attempt to resolve the issues involved by discussion and mutual agreement as soon as practical. In no event will a dispute which arose more than three months prior to the notification made under the following paragraph of this provision constitute the basis for relief under this article unless FHWA waives this requirement.

Failing resolution by mutual agreement, the aggrieved party will document the dispute by notifying the other party in writing of the relevant facts, identify unresolved issues and specify the clarification or remedy sought. The AO will conduct a review of the matters in dispute and render a decision in writing within thirty calendar days of receipt of such written request. Any decision of the AO is final and binding unless a party will, within thirty calendar days, request further review as provided below.

Upon written request to the FHWA Director, Office of Acquisition and Grants Management or designee, made within thirty calendar days after the AO's written decision or upon unavailability of a decision within the stated time frame under the preceding paragraph, the dispute will be further reviewed. This review will be conducted by the Director, Office of Acquisition and Grants Management. Following the review, the Director, Office of Acquisition and Grants Management, will resolve the issues and notify the parties in writing. Such resolution is not subject to further administrative review and to the extent permitted by law, will be final and binding. Nothing in this Agreement is intended to prevent the parties from pursuing disputes in a United States Federal Court of competent jurisdiction.

M. CLOSEOUT OF AGREEMENT FILE

The Government will initiate the administrative closeout of the cooperative agreement after receiving evidence that all technical work and administrative requirements have been completed. The Recipient shall furnish all required documents in support of the closeout of the cooperative agreement within the timeframes requested by the Government. The Government anticipates the timeframe to complete administrative closeout of the cooperative agreement will not exceed six (6) months.

N. TRAVEL

Travel and per diem authorized under the cooperative agreement will be reimbursed in accordance with the travel costs section of 2 CFR 200.475.

O. PUBLIC ACCESS REQUIREMENTS AND COMPLIANCE (if applicable)

In response to the White House Office of Science and Technology Policy memorandum dated February 22, 2013, entitled Increasing Access to the Results of Federally Funded Scientific Research, DOT is incorporating Public Access requirements into all funding awards (grants) for scientific research. This section sets forth the requirements a funding Recipient must satisfy to be in full compliance with the USDOT Public Access plan. For all wholly or partially federal

funded scientific research agreements, the Recipient hereby agrees to comply with the requirements of the USDOT Public Access plan. The Recipient is required to include these obligations in any sub- awards or other related funding agreements. The full requirements of the DOT Public Access plan requirements include, but are not limited to, the following:

A. Copyright License

Recipient hereby grants to the USDOT a worldwide, non-exclusive, non-transferable, paid-up, royalty-free copyright license, including all rights under copyright, to any and all Publications and Digital Data Sets as such terms are defined in the USDOT Public Access plan, resulting from scientific research funded either fully or partially by this funding agreement. Recipient herein acknowledges that the above copyright license grant is first in time to any and all other grants of a copyright license to such Publications and/or Digital Data Sets, and that USDOT shall have priority over any other claim of exclusive copyright to same.

B. Reporting and Compliance Activities

Recipient hereby agrees to satisfy the reporting and compliance requirements as set forth in the USDOT Public Access plan, including, but not limited to, the submission and approval of a Data Management Plan, the use of Open Researcher and Contributor ID (ORCID) numbers, the creation and maintenance of a research project record in the Transportation Research Board's (TRB) Research in Progress (RiP) database, and the timely and complete submission of all required publications and associated digital data sets as such terms are defined in the DOT Public Access plan. Additional information about how to comply with the requirements can be found at: https://ntl.bts.gov/public-access/how-comply.

P. PROGRAM REQUIREMENTS

In connection with any program or activity conducted with or benefiting from funds awarded under this notice, recipients of funds must comply with all applicable requirements of Federal law, including, without limitation, the Constitution of the United States; the conditions of performance, nondiscrimination requirements, and other assurances made applicable to the award of funds in accordance with regulations of the Department of Transportation; and applicable Federal financial assistance and contracting principles promulgated by the Office of Management and Budget. In complying with these requirements, recipients, in particular, must ensure that no concession agreements are denied or other contracting decisions made on the basis of speech or other activities protected by the First Amendment. If the Department determines that a recipient has failed to comply with applicable Federal requirements, the Department may terminate the award of funds and disallow previously incurred costs, requiring the recipient to reimburse any expended award funds.

In particular, Executive Order 14005 directs the Executive Branch Departments and agencies to maximize the use of goods, products, and materials produced in, and services offered in, the United States through the terms and conditions of Federal financial assistance awards. If selected for an award, grant recipients must be prepared to demonstrate how they will maximize the use of domestic goods, products, and materials in constructing their project. Any grant

projects involving vehicle acquisition must involve only vehicles that comply with applicable Federal Motor Vehicle Safety Standards and Federal Motor Carriers Safety Regulations, or vehicles that are exempt from Federal Motor Vehicle Safety Standards or Federal Motor Carrier Safety Regulations in a manner that allows for the legal acquisition and deployment of the vehicle or vehicles.

1. Critical Infrastructure Security and Resilience

It is the policy of the United States to strengthen the security and resilience of its critical infrastructure against both physical and cyber threats. Each applicant selected for funding must demonstrate, prior to the signing of the grant agreement, effort to consider and address physical and cyber security risks relevant to the transportation mode and type and scale of the project. Projects that have not appropriately considered and addressed physical and cyber security and resilience in their planning, design, and project oversight, as determined by the Department and the Department of Homeland Security, will be required to do so before receiving funds for construction, consistent with Presidential Policy Directive 21 - Critical Infrastructure Security and Resilience and the National Security Presidential Memorandum on Improving Cybersecurity for Critical Infrastructure Control Systems.

2. Civil Rights and Title VI

As a condition of a grant award, grant recipients should demonstrate that the recipient has a plan for compliance with civil rights obligations and nondiscrimination laws, including Title VI of the Civil Rights Act of 1964 and implementing regulations (49 CFR Part 21), the Americans with Disabilities Act of 1990 (ADA), and Section 504 of the Rehabilitation Act, all other civil rights requirements, and accompanying regulations. This should include a current Title VI plan, completed Community Participation Plan, and a plan to address any legacy infrastructure or facilities that are not compliant with ADA standards. FHWA's Office of Civil Rights may work with awarded grant recipients to ensure full compliance

3. Performance and Program Evaluation

As a condition of grant award, grant recipients may be required to participate in an evaluation undertaken by DOT or another agency or partner. The evaluation may take different forms such as an implementation assessment across grant recipients, an impact and/or outcomes analysis of all or selected sites within or across grant recipients, or a benefit/cost analysis or assessment of return on investment. DOT may require applicants to collect data elements to aid the evaluation. As a part of the evaluation, as a condition of award, grant recipients must agree to: (1) make records available to the evaluation contractor or DOT staff; (2) provide access to program records, and any other relevant documents to calculate costs and benefits; (3) in the case of an impact analysis, facilitate the access to relevant information as requested; and (4) follow evaluation procedures as specified by the evaluation contractor or DOT staff.

Recipients and subrecipients are also encouraged to incorporate program evaluation including associated data collection activities from the outset of their program design and implementation to meaningfully document and measure their progress towards meeting an agency priority goal(s). Title

I of the Foundations for Evidence-Based Policymaking Act of 2018 (Evidence Act), Pub. L. No. 115-435 (2019) urges Federal awarding agencies and Federal assistance recipients and subrecipients to use program evaluation as a critical tool to learn, to improve equitable delivery, and to elevate program service and delivery across the program lifecycle. Evaluation means "an assessment using systematic data collection and analysis of one or more programs, policies, and organizations intended to assess their effectiveness and efficiency." 5 U.S.C. § 311. Credible program evaluation activities are implemented with relevance and utility, rigor, independence and objectivity, transparency, and ethics (OMB Circular A-11, Part 6 Section 290).

For grant recipients receiving an award, evaluation costs are allowable costs (either as direct or indirect), unless prohibited by statute or regulation, and such costs may include the personnel and equipment needed for data infrastructure and expertise in data analysis, performance, and evaluation. (2 CFR Part 200).

3. REPORTING

ADDRESSES FOR SUBMITTAL OF REPORTS AND DOCUMENTS

The Recipient shall submit all required reports and documents, under transmittal letter referencing the award number, as follows:

Submit an electronic copy to the Agreement Specialist at the following address:
Sarah.tarpgaard@dot.gov

Submit an electronic copy to the AOR at the following address:
TBD **(*** to be filled in at award ***)**

A. QUARTERLY PROGRESS REPORT

The Recipient must submit an electronic copy of the SF-PPR to the AOR and the Agreement Specialist/AO on or before the 30th of the month following the calendar quarter being reported. Final SF-PPRs are due 90 days after the end of the agreement period of performance.

Calendar quarters are defined as:		Reports due on or before:
1st:	January – March	April 30th
2nd:	April – June	July 30th
3rd:	July – September	October 30th
4th:	October – December	January 30th

The quarterly progress report must include the required certification pursuant to 2 CFR 200.415.

Quarterly Progress Reports shall include the following:

a. Work performed for the current quarter;

b. Work planned for the upcoming quarter;

c. Description of any problem encountered or anticipated that will affect the completion of the work within the time and fiscal constraints as set forth in the agreement, together with recommended solutions to such problems; or, a statement that no problems were encountered; and

d. A tabulation of the current and cumulative costs expended by quarter versus budgeted costs.

In the SF-PPR Block 11, Other Attachments, include the following information as attached pages:

a. SF-425, Federal Financial Report; and
b. SF-425A, Federal Financial Report Attachment (if applicable).

B. RECIPIENT INTEGRITY AND PERFORMANCE MATTERS

If the Federal share of this award will be more than $500,000 over the period of performance, the reporting requirements in 2 CFR Part 200, Appendix XII (Award Term and Condition for Recipient Integrity and Performance Matters) will apply.

<end of section>

SECTION G – FEDERAL AWARDING AGENCY CONTACTS

Address any questions to: sarah.tarpgaard@dot.gov

Secondary point of contact is: ryan.buck@dot.gov

<end of section>