Fiscal Year 2023 National Summer Transportation Institute Statement of Work

University NSTI Transmittal Sheet

University/College Host Site

Host Site: University

Address (including zip): Address

Contact: Name Email: Email

Project Director: Name, PhD

Phone: **Voice mail** 000-000-0000 | **Cell** 000-000-0000

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State Transportation Agency Liaison:

Name: JoAna McCoy Title: Program Analyst Phone: 919-707-2776

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The host site must complete this form and return it with its Statement of Work to the State Department of Transportation.

Fiscal Year 2023 National Summer Transportation Institute Statement of Work Application

1. SECTION A: PROGRAM INFORMATION

STATE ABBREVIATION:	NC			
STATE NAME:		NCDepartment of Transportation		
STATE DOT/PASSTHROUGH ENTITY:				
HOST SITE (SCHOOL NAME):		University		
CONGRESSIONAL DISTRICT NUMBER(S):		NC-1 - 14	1	
FUNDS REQUESTED IN DOLLARS				
NSTI FUNDS:		\$43,000		
OJT/SS FUNDS:		0		
504E FUNDS (NHPP, STBG, HSIP, CMAQ):		0		
STATE/LOCAL FUNDS:		0		
IN-KIND CONTRIBUTIONS (MONETARY):		0		
ADVANCED CONSTRUCTION? (YES/NO)		NO		
ANTICIPATED OBLIGATION DATE (MM/YY):		01/23		
Is this a new NSTI? (Yes / No)		No		
Number of Years Hosting NSTI:		18		
Program Length for Session I (IN WEEKS):		1 week		
Program Length for Session II (IN WEEKS):		N/A		
Program Length for Session III (IN WEEKS):		N/A		
Total # of Weeks (All Session Combined)		1 week		
PROGRAM DATES: (MM/DD/YY)		FROM	ТО	
		6/4/23	6/9/23	
Anticipated Number of NSTI Students:		40		
Total NSTI Program Length (IN WEEKS):		1 week		
FAA ACE Academy (IN DAYS):		N/A		
ACE Academy Location (CITY, STATE):		N/A		
Anticipated Number of ACE Students:		N/A		
SELECT PROGRAM TYPE (X):	Residential (_X_)		Non-Residential ()	
SELECT ROOKAWITTE (A).	Virtual (<u> </u>)		Hybrid ()	
SELECT GRADE LEVEL (X):	Junior High School (or Middle; Grades 7-8; 7-9)		High School (<i>Grades 9-12; 10-12</i>)	
			(_X_)	

SECTION B: PROGRAM OVERVIEW

It is well established that attracting and retaining more first-generation to college students, women and under-represented minorities in the engineering workforce will augment innovation, creativity, and global competitiveness. A diverse workforce will result in enhanced scientific and technological products, services, and solutions that will be better designed and represent all users. Yet, fostering diversity requires a collective effort with a cross-section of social institutions that not only opens a multiplicity of pathways for those who are under-represented in engineering education and careers, but also keeps them interested and deeply engaged. We endeavor to promote gender and racial/ethnic diversity, and encourage first generation college goers and those with socio-economic need to consider careers in the transportation industry by attending the State University (SU) National Summer Transportation Institute (NSTI). Our efforts are aimed at providing a well-planned, broad-based program with a wide variety of experiences related to transportation engineering with civil engineering as the foundation.

Specifically, students will invest time in various forms of transportation, bridge construction, innovative pavement materials, water transportation, freight shipping and security, traffic control, as well as history and future transportation possibilities. These topics emphasize the importance of civil infrastructure to society and people's everyday lives. In addition, we will provide participants with information and experiences during their NSTI residential program about the resources available at SU to support their achievement of a bachelor's degree.

Participants will learn about student success resources such as—research and development laboratories, free tutoring services, paid research and leadership experiences, and 60+ student organizations to build affinity, the StartUp Center and social entrepreneurship programs, financial aid and scholarship opportunities—all aimed at helping them envision their future selves with a bachelor's degree making a significant impact on people's lives.

The SU School of Engineering will offer the National Summer Transportation Institute in the summer of 2023. The site for this program will be SU's Tempe Campus with a daily academic agenda from 8:30 am until 3:30 pm and evening activities, Monday through Friday. Students will arrive on Sunday, starting the program with a family welcome orientation and depart on Friday evening, ending the program with a showcase of their NSTI final projects to their family and peers. The program will recruit high school students throughout Alabama from populations traditionally underrepresented in the transportation-engineering workforce, including women, minorities, and rural students. The anticipated total number of students served is to be 40.

The 2023 SU-NSTI program anticipates activities that include a strong curriculum, which will provide students with a balanced offering of potential professional opportunities in transportation engineering. In addition, we have planned educational enhancement activities designed to introduce them to university campus life, with a healthy mix of academic, sports and social endeavors. Components include team building, leadership skills, decision-making, and expectations for college coursework.

1) Participants will build upon their initial concepts of transportation engineering (elicited via a preprogram survey) through campus-based activities in classrooms and laboratories of faculty who specialize in related fields along with targeted field experiences. An emphasis will be placed on career opportunities in civil engineering and other fields related to transportation engineering. Through these activities, participants will be encouraged to consider various career pathways available via undergraduate engineering programs.

PLEASE DO NOT ADD GRAPHICS, COVER SHEETS OR TABLE OF CONTENTS

- 2) Class time will provide experience for participants as a means to enhance their expectations of university level coursework. These activities will be designed to introduce them to improved study habits and promote success in academic achievement. We intend to foster a sense of self-awareness for the students so they will be more comfortable when they transition into higher education.
- 3) Afternoon sports and recreation programs will be provided to promote team building and sportsmanship as well as for participants to gain a sense of campus extracurricular opportunities.
- 4) Program staff will administer pre and post assessments to measure effectiveness of program goals, including changes in student attitudes toward engineering, awareness of transportation related challenges, and the types of problems that those in the transportation industry solve. Data garnered will also be used to inform decision making in future outreach efforts.

The one-week long SU NSTI program will include a commencement and closing activity. At the closing activity students will have the opportunity to reflect on what they have learned through the SU NSTI program activities and share that information with their parents/guardians, and other family members and school/community at a showcase and celebration.

Specific Field Trips are designed to offer first-hand experience of various transportation network elements essential to address their final project. Possible field trips to include:

- 1) Name International Airport, the Airport Rail System, and the Fire Station
- 2) City Gateway Airport in City
- 3) Flight Schools and Aviation Flight Control Center at the SU Polytechnic Campus
- 4) Alabama Department of Transportation Traffic Operations Center (TOC)
- 5) Metro Light Rail System
- 6) Montgomery Highway system
- 7) Construction Site Tour

Specific Research Laboratory Experiences at State University are designed to give participants knowledge of and experience with civil infrastructure design and modernization challenges that are essential to address their final project:

- 1) Bridge Lab and Building Information Modeling
- 2) Asphalt Lab
- 3) Solar Energy Innovation

Enhancement Activities are designed to offer college readiness, college application process, and campus life experiences beyond academic activities that promote student wellbeing through leadership, teamwork, and sportsmanship:

- 1) Sun Dept Fitness Center
- 2) Sun Dept Pool
- 3) Outdoor Activities
- 4) Near Peer Mentoring from undergraduate students

SECTION C: PROGRAM ADMINISTRATION

1. Recruitment and Student Selection Procedures

Recruitment strategies include dissemination to high school educators and students and families using email marketing, online (website), print (flyers), and in-person interactions with students.

- 1.1. Increase awareness among high school educators and counselors about the NSTI program. The goal is to increase awareness about the program among educators who can recommend the program to their students and directly influence student interest. A statewide high school educators' listserv and a science educators' listserv will be used to disseminate program information. Project staff will make direct phone calls to and conduct in-person meetings with counselors and principals in schools across Alabama. Contact will be directed to schools in outlying areas, which serve populations that seldom receive such opportunities.
- **1.2.** Increase awareness among diverse high school students and their families about the NSTI program. A set of web and print resources have helped us attract applicants in prior years through advertisements: SU School of Engineering Education webpage, which features all of our summer and school year programs: http://engineering.su.edu/outreach/, online parent resources, and print materials (i.e., posters, flyers) distributed at various STEM focused events.
- 1.3. Interact directly with diverse student populations to enhance NSTI participant pool. The aim is to recruit a diverse student population from both the greater area (e.g., inner city school districts such as Montgomery Union, Birmingham Union) and rural Alabama (e.g., the County Joint Technical Education District, Union, City. In addition to print and web media, we will conduct up to four informational meetings in targeted high schools within the valley and up to two at rural high schools. The purpose of these informational meetings will be to answer questions, build excitement for the program and provide additional information to invited guests (district and local school counseling teams). The meetings will be held after school on targeted campuses with populations similar to those outlined in our recruitment goals. Potential participants will have the opportunity to ask questions and interact with School engineering students pursuing transportation related careers.
- **1.4. Student application process** includes an online portal. Indication of interest on the part of the applicants will be sought through a short essay, which is required of all who apply. We anticipate identifying some form of student interest in transportation /STEM careers within their statement of interest (essay). We realize that some applicants would not have considered such opportunities in the past.
- 1.5. Student selection process includes consideration of academic background and teacher recommendation. Applicant eligibility will be decided through participants' effort to display potential interest in transportation issues, teacher's recommendation and a grade point average of at least 2.5 for those who will enter their sophomore year in the fall. The GPA requirements for next school year's junior and senior students will be 2.75 and 3.0, respectively. There will be a possibility to accept those who do not quite meet the respective GPA requirement in cases where the teacher expresses strong feeling that the student has demonstrated significant academic promise. A few such students have been found to be active and productive participants in the past and, in these cases, the feedback has strengthened our belief that such experiences can make a positive impact. The lower GPA requirement for younger students is intended to attract those who might improve their opportunities for college attendance while they can increase effort in high school while there is time to do so. No student will be discriminated against based upon race, color, gender or disability as stated in the Title VI of the Civil Rights Act of 1964 and the Americans with Disabilities Act (ADA). Students will be notified of selection using an ongoing process with review of applications every two-weeks. This allows students and families to make other plans for

their summer around their participation in NSTI.

Student/Family Orientation —Upon admission to the NSTI program, parents and students will be invited to an informational meeting prior to the program. This meeting is to share information about the program including agenda, schedules and opportunities associated with participation in the NSTI program. We aim to get students excited about the possibilities in the program as well as assure parents and guardians that their students will be safe and engaged in an exciting curriculum that highlights the social and personal relevance of education and career pathways in transportation engineering. The SU NSTI site staff with the NSTI Program Coordinator and Lead Teacher will serve as hosts, leading and answering parent/guardian and student questions. To ensure optimal participation from parents outside of the valley, the meeting will be webcast and recorded.

- 2. Staffing Requirements See Attached Table A
- 3. Program Cost (Detailed Budget Summary) See Attached Table B
- **4. Inter-Modal Advisory Committee** Goals, objectives and curriculum development will be based upon input from the Intermodal Advisory Committee (IAC), comprised of industry and community leaders, university faculty and staff members, and representatives from ALDOT and the FHWA Alabama Division. The IAC will provide support to the Ira A. Fulton Schools of Engineering through provision of technical and instructional assistance and/or resources, planning, and the development and review of the overall NSTI program. **Please see the Attached Table C, NSTI-Intermodal Advisory Committee**.
- **5. Specific-Named Partners** Private organizations have agreed to work with our NSTI to help implement the program. **See Attached, Table D.**
- 6. Implementation Schedule See Attached Table E
- 7. **Program Curriculum** (STEM-Focused)

The academic program has been designed in collaboration with the SU NSTI project staff and partner groups, and faculty with an emphasis on the diversity of professional responsibilities and motivating challenges that exist in the transportation industry. The program curriculum is changed somewhat each year based upon responses by the participants in the evaluation survey. Even so, and as before, the activities are designed to engage students and allow them to witness the typical and familiar aspects of transportation (to include construction, public transport and traffic monitoring), but through the widely unnoticed perspectives of those who design and engineer the systems that make transportation operational.

The daily agenda offers exposure to different forms of transportation, safety issues, on-site transportation engineering opportunities and field activities, presentations and laboratory procedures. Field trips incorporate as many transportation modes as possible so students experience them along with daily users. Furthermore, the NSTI curriculum provides educational enhancement, through available campus resources, and sports-recreation activities to promote team building and leadership skills.

7.1 Academic Program

The focus of the NSTI curriculum is on civil engineering. However, we also want to provide participants

with experiences in other transportation- related career opportunities to include planning, testing, safety and regulation. We have available, on SU's campuses, many faculty and students who have expertise in these and other fields that overlap transportation engineering. Several of these professionals are eager to share information and laboratory experiences with the NSTI participants. Likewise, the SU NSTI program solicits participation on the part of local professional engineers who either come to campus or arrange for us to meet them on site where students can witness the products and processes related to their work. A list of potential NSTI topics and laboratory activities anticipated and available in the SU School of Engineering are as follows.

Anticipated Classroom Topics	Available Laboratory Activities
Impact of Transportation	Civil Engineering Lab
Transportation Modes	Transportation Safety
Bicycle Route Planning	Computer Design of Bridge
Intro to AutoCAD	Highway Materials Lab
Making and Using Concrete	City Pavement Testing Laboratory
Asphalt 101	Strength Testing of Concrete
ALDOT mapping and GIS Dept. at SU	Lift, Drag and Velocity
Intelligent Transportation Systems	Bridge building activity
METRO Light Rail Project	Aviation technology
Environmental effects on pavement	Pavement sustainability
Planning for new Interstate corridors	Railroad corridor planning
Sustainability of Alabama transportation system	Access SU, College Readiness

Teamwork is a natural aspect of engineering and students will be engaged in teamwork throughout the SU NSTI program. Team interactions are expected to provide concept development and learning enforcement. Other learning enhancement devices are also planned and include oral and written reviews, design projects that will stimulate innovation, and manipulative engagement. Student groups will be determined such that diversity within each will be maximized. The teamwork model will promote cooperative efforts and model real life engineering projects. Within this framework they will collaborate and produce a final project that will demonstrate understanding of what they learned during the SU NSTI program in a presentation session on the final day.

Industry and educational field trip experiences will be implemented throughout the NSTI program. Many industrial and transportation settings will be included and, in some cases, the sites will have modern historical significance—features that will be included in the curriculum. As much as possible, facility engineers and technicians will be on hand to share information and answer students' questions.

Tentative Activity/Schedule Sample

Date	Description	Start	End	Location
Sunday: 6/4/2023	Check in and room assignments	4:00 PM	4:30 PM	Merry House
				eSpaces
				Merry House
	Camper Orientation	4:30 PM	5:00 PM	eSpaces
	Dinner	5:00 PM	6:00 PM	Merry Dining
	Icebreakers with night counselors	6:00 PM	8:00 PM	Merry Common Room
	Settle into dorms, get-to-know-your-		10:00	
	roommate activities	9:00 PM	PM	Merry House
	Developed	7.20 AM	9.20 AM	M. and Divine
	Breakfast	7:30 AM	8:30 AM	Merry Dining
	Overview of transportation project	8:30 AM	9:00AM	Merry House eSpaces
	Walk to City of Montgomery	9:00 AM	9:30 AM	espaces
	wark to city of Workgomery	7.00 AIVI	7.30 AIVI	Merry
			11:00	Transportation
	City of Tempe Transportation Tour	9:30 AM	AM	Center
			12:00	Merry House
N. 1	Debrief and begin project	11:00 AM	PM	eSpaces
Monday: 6/5/2023	LUNCH	12.00 DM	12:45 PM	Maura Dinina
0/3/2023	charter bus to ALDOT	12:00 PM 1:00 PM	1:30 PM	Merry Dining
	charter bus to ALDO1	1:00 PM	1:30 PM	AV DOM TO CC
	ALDOT TMC Tour	1:30 PM	2:30 PM	ALDOT Traffic
	charter bus back to Tempe Campus	2:45 PM	3:15 PM	Management Center
	charter bus back to Tempe Campus	2.43 FWI	3.13 FWI	Merry House
	Engineering Design Challenge	3:30 PM	5:00 PM	eSpaces
	Dinner	5:30 PM	6:30 PM	Pasta on the patio
	Evening Activities	7:00 PM	9:00 PM	TBD
	S			
Tuesday: 6/6/2023	Grab 'n' go breakfast		6:45 AM	TBD
	Travel to Polytechnic Campus	7:10 AM	8:00 AM	Campus Shuttle
				Soils Field
	Role of Soil in Construction	8:00 AM	9:00 AM	Laboratory
	Municipal Airport tour	0.20 414	10:30	Montgomery
	Municipal Airport tour	9:30 AM	AM 11:45	Airport
	Air Traffic Management tour	10:45 AM	AM	Aviation Sim Lab
	Lunch	12:00 PM	1:00 PM	Student Union
			-700 1171	

Date	Description	Start	End	Location
	Hyper Loop Team Presentation	1:00 PM	2:00 PM	SIM153
	Polytechnic Campus tour	2:15 PM	2:45 PM	Tech Building
	Travel back to Campus	3:00 PM	4:00 PM	Campus Shuttle
	1			Merry House
	Project Work Time	4:00 PM	5:00 PM	eSpaces
	Dinner	5:00 PM	6:00 PM	Merry Dining
	Float-in Movie	7:00 PM	9:00 PM	Sun Dept Fitness Center Pool
			<u> </u>	
	Breakfast	8:00 AM	9:00 AM	Merry Dining
	Travel to Aiport	9:15 AM	9:45 AM	Light Rail
	Sky Train Tour	9:45 AM	2:00 PM	Airport
	Fire Station Luncheon	11:30 AM	2:00 PM	Fire Station
Wednesday:	Travel to Light Rail Hub	2:00 PM	2:30 PM	Light Rail
6/7/2023	Tour of Light Rail Hub	3:00 PM	4:30 PM	Valley Light Rail Hub
	Dinner	5:00 PM	6:00 PM	Merry Dining
	Project Work Time	6:00 PM	8:00 PM	Merry Study Lounge
	Game Night	8:00 PM	10:00 PM	Merry Common Room
	Breakfast	8:00 AM	8:45 AM	Merry Dining
	Structural Imaging Lab Tour	9:00 AM	11:00 AM	CAVC533
	Big Data in Transportation with Dr. Someone	11:30 AM	12:30 PM	TBD
Thursday:	Lunch	12:30 PM	1:30 PM	Memorial Union
6/8/2023	Center for Bio-mediated and Bio- inspired Geotechnics Labs Tour	2:00 PM	3:00 PM	GWC 487
	Project work	3:30 PM	5:00 PM	Merry House eSpaces
	Dinner	5:00 PM	6:00 PM	Merry Dining
	Planetarium Show	7:00 PM	9:00 PM	SU Theatre
		1 0	T	
Friday: 6/9/2023	Breakfast	8:00 AM	9:00 AM	Merry Dining
	Engineering Campus Tour	9:00 AM	10:00 AM	Merry eSpaces
	Finalize Project Presentations	10:00 AM	11:00 AM	Merry eSpaces
	Lunch	12:00 PM	1:00 PM	M and G
	Room Clean Up and Check Out	1:00 PM	3:00 PM	Merry Hall

Date	Description	Start	End	Location
	Assessment/Surveys	3:00 PM	4:00 PM	Merry eSpaces
	Finish/Prep Showcase	4:00 PM	5:00 PM	Merry eSpaces
	NSTI Showcase	5:00 PM	6:00 PM	CAVC Auditorium

Field Trips include a number of the following and connected thematically to overall final project. *Tour of ALDOT- Traffic Operations Centers*. At this planning facility where professionals assimilate information and use special computer programs to plan future transportation corridors students will learn how transportation is managed in real-time within large metropolitan areas. State engineers and planners will discuss and demonstrate how they determine and plan for their specific projects.

Tour of the City of Montgomery Pavement Testing Facility. Students will learn from Montgomery City planners on how roadways are planned and then tour the laboratories where pavement samples are tested for strength and various environmental factors.

Tour of METRO Light Rail. Students will learn about the operation and maintenance of the METRO Light Rail system for Montgomery, which opened in December of 2008. The Light Rail system will also be used to transport students on some of their other field trips, where the route allows for ready access to transportation on the Light Rail.

Tour of the Montgomery Park Tunnel. The Park Tunnel, completed in 1980, was the final, "Last mile," of the I-65 Freeway that links the west and east coasts of the United States. The constant maintenance of this tunnel represents attention to civil infrastructure that few have considered. NSTI participants will meet the chief engineer who oversees that maintenance. They will learn how water and air are monitored and regulated inside the tunnel.

Tour of SU Polytechnic Campus Aviation Technology Program. Students will be introduced to the program of study that prepares the aviation career-oriented student for positions such as air traffic controller, air carrier manager and airport manager. They will experience flight and airport simulators in action and tour the local, regional, airport hanger to see a variety of small aircraft.

Tour of the International Airport to include the Sky Train. Students will tour the airport facility with a representative of airport public relations. They will learn about passenger- side operations, security and safety systems, and flight emergencies. The Sky Train people mover, which connects City with the Light Rail System, is now in operation and will be used during the tour.

Tour of the Local Canal System. Representatives of the Alabama River Project and Central Alabama Canal, which oversee water distribution in the Montgomery Metropolitan area and State, respectively will provide the tour. This tour is designed to give students knowledge of the civil infrastructure vital to distribution of water to the state of Alabama.

Tour of Local Highway Construction Sites. We plan to take students to highway construction sites where they can witness evidence of work in progress and learn about issues that engineers must consider as they develop new roadways.

Tour of the Montgomery Metro Bus Operations Maintenance Facility. Students will witness bus maintenance operations and learn about issues relevant to scheduling of the routes depending on

need, time of day and other factors relevant to public transport operations.

Tour of the Montgomery Airport. Students will tour the airport facility with representative from airport public relations. They will learn about passenger-side operations, security and safety systems, and flight emergencies that arise at the airport. The tour will also highlight partnerships with community stakeholders, future plans and development such as a Light Rail System, and connection to the State University Polytechnic Campus.

7.2. Enhancement

In addition to the academic curriculum, the NSTI program will provide educational enhancement and sports recreation activities for the students. Students will engage in activities to familiarize them with important academic and facilities features of university life. They will have use of computer labs and research resources which they will use to develop presentations to be shared at the end of the week.

- 1) Computer Laboratory: Students will use basic office productivity software such as Microsoft Excel, Word, and PowerPoint.
- 2) Research and Writing: Just as college students will be expected to develop research projects, regardless of their major, the NSTI participants will be provided with technology and become familiar with skills needed for future academic pathways. They will choose from various transportation topics for five-minute formal presentations.
- 3) College Preparation Workshop: In a further effort to prepare the participants for college, they will receive instruction on scholarship application skills, admissions, and financial aid. This program will be provided by ACCESS SU, which is a university outreach service aimed at enhancing opportunities for Arizona's youth to attain a college education.

7.3. Sports and Recreation (residential programs)

Team-building activities will be provided to promote leadership, management, cooperation, problem solving and decision-making skills. During the first two days of each program, we will include these activities to enhance social networking, discourse, opportunities to share common interests, and team working. Participants will also have opportunity for informal interactions with program staff and co participants throughout the week. The Team Challenges program, provided at the SU Sun Dept Fitness Center, offers safe and enjoyable activities for both groups and classes. These activities are designed to provide participants with the fore mentioned skills that will enhance success in their academic and professional endeavors.

8. Follow-up Survey of Students

Participants will take part in formative and summative data collection activities. Both are meant to improve the overall camp experience and effectiveness. The formative surveys will be implemented daily. This will yield information with immediate implications for program enhancement and long-term goal setting. Questions asked will focus on events during the day such as, what interested you, how was the timing and duration of activities, and what you liked most; and will be assessed using a 5-point rating scale from "5=excellent or can't wait to do that again" to "1=poor or needing change". Results will be used to directly impact the ongoing NSTI program, when possible, to make program improvements.

Evaluation data are also collected for use in developing future NSTI Programs. Participants will be provided the opportunity to evaluate aspects of the residential program, post-program attendance. Information about housing to food will be gathered through simple scaled questions and through short answers via qualitative open-ended feedback.

We will assess our NSTI participants' awareness and interest of transportation engineering topics using a pre-post survey, administered before and after the NSTI experience. Students will be presented with a set of 20 transportation related examples and asked to rate them as "2=good" and "1=not good" example of transportation engineering. Next, students will be asked to respond to how well the given examples create interest for them in transportation engineering from "4=very appealing", "3=appealing", "2=somewhat appealing," or "1=not appealing". Post program, students' awareness of transportation topics addressed in the NSTI should have increased resulting in students' recognition that these examples are good examples of transportation engineering. Similarly, if students found the exploration of transportation engineering concepts interesting through the NSTI program, the appeal of related example topics should create greater interest than before program participation.

All data will be collected using Qualtrics, an enterprise level secure survey system available at SU. Results will be used to report program evaluation in the annual report required by the National Summer Transportation Institute Program. Efforts will also be made to share results at conferences, on our website, and in publications.

AVIATION CAREER EXPERIENCE: Participants will visit the SU Simulator Building (See Table D, Partners/Sponsors) that houses our state-of-the-art flight simulators used to prepare aviation students to take flight before setting foot in an airplane. They will visit the air traffic control simulator room, which displays a virtual 315-degree view of an airport area, depicting operational movement areas, taxiing aircraft, ground vehicle movement and arriving and departing aircraft. They will visit the local airport to see various types of small aircraft.

Note: Please review your application to ensure it is accurate & complete the Excel budget spreadsheet.

Host Site representative with authority to APPROVE this Statement of Work (Type information):

Name: Name, PhD Title: Program Director Date: 10/27/2022

The proposed work plan and budget has been reviewed. By signing this, we agree that this meets all the requirement identified in the most recent desk reference:

State DOT representative with authority to APPROVE this Statement of Work (Type information):

Name: Name

Title: Program Analyst Date: 10/27/2022

Internal Use Only

The Division Office has reviewed the Host Site package. The proposed SOW and all required supporting documentation has been reviewed. The submission is:

X Recommended for approval. Not recommended for approval.	
Name: Name	Date: 10/28/2022
Signature: Name	

Civil Rights Specialist: Please convert document to PDF and sign using YOUR electronic signature within Adobe.