This proposal allows UA to expand the 2015 three-day, non-residential summer transportation career program, to a five-day program presented in two successive weeks for two areas of the ALDOT West-Central region.

NSTI is a summer institute for high school students, with preference to underrepresented groups. The purpose of NSTI is to introduce talented rising junior and senior high school students to careers in transportation and to encourage them to enter the transportation profession. The University Transportation Center for Alabama (UTCA), the Alabama Department of Transportation (ALDOT), and the Federal Highway Administration (FHWA) will jointly sponsor NSTI.

In this proposed, expanded program, field trips to the Tuscaloosa Airport and the Tuscaloosa Lock and Dam will be added, greatly increasing the multi-modal aspect of the course. A fifty-minute teaching session in the following subjects will be added to increase classroom participation:

- Civil engineering materials (including a concrete mixing lab)
- Algebra
- Airport Design and Layout
- Intercity Bus Transportation
- Transportation Sustainability

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Source Organization:
University Transportation Center for Alabama

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Education and Training