

RES2019-20 COLLABORATIVE FORUM TO BOOST RESEARCH-BASED SOLUTIONS TO TRANSFORMATIONAL TECHNOLOGY AND INNOVATION

Purpose of the Project

The overall objective of this project is to assist and guide TDOT’s Research Office in identifying and evaluating potential opportunities for emerging technologies and innovative solutions for transportation in Tennessee. The research involved with this project will culminate in an Innovation to Implementation Forum for TN DOT employees and researchers from across the state.

Scope and Significance

The scope of the research project includes:

- An evaluation of the current state-of-practice for emerging technologies and research innovations that may be opportunities to improve TDOT effectiveness in meeting transportation needs across the state.
- A survey of state DOT employees to identify new, innovative approaches to processes and workflows, etc. currently being employed as well as needs for new research.
- Plan and help host a 2.5 day Research Forum.
- Develop a research framework to guide TDOT staff in identifying new areas for research needs.

Expected Outcomes

The following are expected outcomes of this research project:

- TDOT will be better prepared and knowledgeable of opportunities for implementing innovative research in a rapidly changing, technology-centric world.
- The Forum will be a first of its kind and establish TDOT as a leader in establishing an approach to connecting transportation research with practice.
- A framework will be developed that can to assist and guide research staff in identifying new areas for sponsored research projects and opportunities for improvements to the current system(s).
-

Time Period

The time period for the project is 12 months beginning on May 1, 2019.

Contact Information

<p>Principal Investigator (PI): Janey Camp Department of Civil and Environmental Engineering Vanderbilt University PMB 351831, 2301 Vanderbilt Place Nashville, TN 37235-1831 615-322-6013 Janey.camp@vanderbilt.edu</p>	<p>TDOT Lead Staff: Lia Prince Long Range Planning Division 615-741-2934 Lia.prince@tn.gov</p>
---	--



Research Office
Long Range Planning Division
505 Deaderick Street, Suite 900
Nashville, TN 37243
TDOT.Research@tn.gov
