State Transportation Agencies (STAs) are increasingly tasked with constructing and maintaining more complex transportation networks with uncertain funding models, new project delivery approaches, and increasing regulatory requirements. At the same time, STAs are faced with changes in agency construction staff in regards to age, experience level, turnover, retirement, and increasing levels of consulting services to manage STA construction operations. This proposal describes a research approach to address this problem. The primary product will be a construction staffing guidebook to assist STAs.

The Principal Investigator is Timothy R. B. Taylor, P.E., Ph.D. with Kentucky Transportation Center, University of Kentucky. This proposed project includes a sub-award to The University of Alabama, with focus on forecasting the needs of skilled construction labor for the construction industry and evaluating asset management for state transportation agencies.