

The Department of Systems Engineering and Operations Research is seeking a Graduate Research Assistant to work on a DOT funded project on **Development of User-friendly Tools and Decision-making Algorithms for Service Life Design of ABC Bridges**.

The goal of this project is to implement a prototype web-based tool and decision-making algorithms to design closure joints for service life and durability. This will allow users to walk through the service life process with the aids of visual elements, suggestions and tips, and make final design decisions, without having to know fully the theory behind probabilistic approaches.

Excellent programming in Python and database management skills, interface design, analytical and communication skills (oral, written) are critical for the project. The successful applicant can work remotely and will be expected to work closely with a graduate student in the School of Civil Engineering and Environmental Science at the University of Oklahoma. Prior experience with Django platform will be a plus.

The initial appointment will be for six months and will be extended depending on the fund availability and job performance. Priority goes to Master's students, but PhD students are also welcome to apply. Interested applicants should send their CV along with their unofficial transcript to Dr. Mohebbi at smohebbi@gmu.edu . Please feel free to contact Dr. Mohebbi if you have any questions.