

REQUEST FOR PROPOSALS
LTRC Project No. 24-1ST, SIO No. DOTLT1000503
ULTRA HIGH PERFORMANCE CONCRETE (UHPC) APPLICATION
IN LINK SLABS FOR CRACK MITIGATION

QUESTIONS #1 – SEPTEMBER 8, 2023

Q1. Under Task 3, is the intent to develop a new link slab design, i.e. reinforcing bar details, that includes use of the Task 2 UHPC and compare it to the existing DOTD link slab design also using the same UHPC? Or is the existing design to only use Class A1 concrete to be compared with the new link slab design using UHPC?

A1. Develop a link slab design using UHPC mix from Task 2 along with needed reinforcement. The comparison will be in the field by constructing the proposed UHPC link slab and currently used link slab. Performance will be assessed through instrumentation of both slabs, data collection and data analysis.

Q2. Confirm that all link slab materials, labor, and equipment costs are to be borne by the contractor working on the candidate bridge and are not included in this project's scope.

A2. All work performed in the lab will be borne though the LTRC's research project budget. Construction of link slabs with all related costs will be part of the construction of the bridge which is to be borne by the contractor and not the LTRC research Principal Investigator (PI).