September 15, 2015

Mr. J. Michael Bowen, P.E.

Division Administrator

Federal Highway Administration

6111 SW 29th Street

Topeka, KS 66614

Attention Karen Gilbertson, ITS/Traffic Operations Engineer

Dear Mr. Bowen:

In support of the current pooled fund solicitation #1415, “Construction of Low-Cracking High-Performance Bridge Decks Incorporating New Technology,” the Kansas DOT is requesting the waiver of the non-Federal funding match for State Planning and Research Funds for use on the proposed project. Kansas DOT will serve as the lead agency, and the approximate level of funding required to complete the research is $270,000. The estimated duration of the project is 5 years and the estimated number of partners will be 2-4 including the lead agency.

The purpose of this study is to implement new technologies in conjunction with low-cracking high-performance concrete bridge specifications to improve bridge deck life through reduction of cracking. The work involves cooperation between state departments of transportation (DOTs), material suppliers, contractors, and designers. The following tasks will be used to achieve this objective:

1. Work with state DOTs on specifications for the construction of six LC-HPC bridge decks per state to be constructed over a three-year period.

2. Provide on-site guidance during construction of the LC-HPC bridge decks.

3. Perform detailed crack surveys on the bridge decks, 1 year, 2-3 years, and (if approved) 4-5 years after construction.

4. Correlate the cracking measured in Task 3 with environmental and site conditions, construction techniques, design specifications, and materials properties, and compare with results obtained on earlier conventional and LC-HPC bridge decks.

5. Document the results of the study. Interim and final reports will be prepared covering the findings.

If you have any questions, please call me at 785-291-3847.

Sincerely,

Susan F. Barker, P.E.

Technology Transfer Engineer

c: Rod Montney