



# OHIO DEPARTMENT OF TRANSPORTATION

CENTRAL OFFICE • 1980 WEST BROAD STREET • COLUMBUS, OH 43223

JOHN R. KASICH, GOVERNOR • JERRY WRAY, DIRECTOR

March 1, 2016

Frank Burkett  
FHWA Ohio Division Office  
200 North High Street  
Room 328  
Columbus, OH 43215

Dear Frank,

In support of the current pooled fund solicitation #1426, "Structural Design Methodology for Spray Applied Pipe Liners in Gravity Storm Water Conveyance Conduits" the Ohio DOT is requesting the waiver of the non-Federal funding match for State Planning and Research Funds for use on the proposed project. Ohio DOT will serve as the lead agency of this proposed project. The estimated number of partners will be five, including the lead agency, and the approximate level of funding required to complete the research is \$125,000.

Spray applied pipe liners is a trenchless technology that provides a method to structurally rehabilitate concrete and metal gravity storm water conveyance conduits with minimal impact to the travelling public. The liner consists of a cementitious or resin based material that is applied in an existing host storm water conveyance conduit via a centrifugal remote applicator or by manual application. Sufficient soil support and stabilization of the host conduit is required prior to placement of the spray applied liner. The liner will provide the structural load carrying capacity without the requirement to adhere to the host conduit.

The AASHTO Subcommittee on Bridges and Structures, T-13 Culverts and the AASHTO NTPEP Technical Committee on Spray Applied Pipe Liners collectively agree that the technology would be well accepted and utilized; provided the spray applied pipe liner creates a fully structural solution. However, the committees have identified the lack of a nationally accepted structural design standard as a roadblock to implementation.

We request that participating states contribute \$25,000 for fiscal year 2016, or for 2017.

So that states may use 100% State Planning and Research (SPR) funds for the conduct of this study, I request that you approve a waiver of the requirement that states provide matching state funds. If you have any questions or need further information please contact me.

Sincerely,

Cynthia Jones  
Research Program Manager  
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