



STATE OF TENNESSEE  
**DEPARTMENT OF TRANSPORTATION**  
BRIDGE INSPECTION AND REPAIR OFFICE  
NASHVILLE, TENNESSEE 37243-0338

August 17, 1998

Mr. Jim Hughes  
Hydro-Technologies, Inc.  
2227-A Koetter Drive  
Clarksville, IN. 47129

Dear Mr. Hughes

I wanted to write a letter to you about my experiences utilizing hydrodemolition and latex overlays on various contract bridge deck repair projects through out the state of Tennessee.

I have found hydrodemolition to be an excellent means of removing deteriorated concrete on bridge decks. The big advantages that I have observed in using hydrodemolition is the greatly increased production time to remove deteriorated concrete, the excellent bonding surface left after concrete removal and no damage to adjacent bridge members. There have been some recent deck rehab projects on our heaviest traveled interstates where hydrodemolition was instrumental in completing these projects in the shortest possible time limits. Also the bonding surface left after hydrodemolition was most impressive.

I have also found that the latex overlays, placed after a bridge deck has received hydrodemolition, to be a quick setting as well as a most durable overlay. I have been impressed with the Hydrodemolition /latex overlays that have been completed in Tennessee to this date and plan on more to come. The concrete overlays in conjunction with hydrodemolition have been successful as well.

In closing I would recommend the use of hydrodemolition as a excellent tool in the removal of deteriorated concrete on bridge decks and the use of a latex overlay as a excellent means of sealing a bridge deck. I would also like to say that I have been most satisfied with the work that Hydro-Technologies has performed in the state of Tennessee and look forward to working with you on future projects.

Sincerely,

Mike Lawson  
Structural Specialist Supervisor 2  
Bridge Inspection and Repair Office