

William M. Regenhardt
16667 N. Casey Pike Lane
Mt. Vernon, IL 62864
618-242-2529

May 21, 2008

HCEA
16623 Liberty High Road
Bowling Green, OH 43402

Dear Sir:

I spoke to you on May 20, 2008, concerning your ad in the Roads and Bridges Magazine, April 2008 issue.

In 1953 the Regenhardt Construction Company developed a slip-form paving machine. I have enclosed a few pages from the Highway Research Board - Bulletin 132, and a cover and a page from the Builder Magazine, which document the development of the above mentioned paving machine. Also enclosed are several other job site pictures.

I am one of two surviving Regenhardt's of the Regenhardt Construction Company, the other one being my brother, Joe Regenhardt of Cape Girardeau, MO.

The following men, now deceased, deserve most of the credit for building the paving machine. They are, Frankie Merritt, master mechanic, Leonard Church and Tom Regenhardt.

Sincerely,

William M. Regenhardt

William M. Regenhardt
16667 N. Casey Pike Lane
Mt. Vernon, IL 62864
618-242-2529

February 3, 2009

Mr. Tom Berry
HCEA
16623 Liberty High Road
Bowling Green, OH 43402

Dear Mr. Berry:

This letter is in response to our telephone conversation in November, 2008, relative to the quality of the pictures that I mailed to you in May of 2008, of a self-propelled slip-form concrete paving machine. I hope the enclosed pictures, which are copies done by a professional photographer, will be of sufficient quality.

During the later part of 1953, the Regenhardt Construction Co. developed and built a self-propelled slip-form concrete paving machine to be used the following construction season on IL Rt. 37 from the Jefferson-Franklin County line south, all in Franklin County. This project consisted of $3\frac{1}{4}$ miles of base course concrete. On this project, the machine layed as much as 1,044 ft. of 24-foot base course, 9 inches thick in one day. I have enclosed pages taken from the Highway Research Board, Bulletin 132 / National Academy of sciences-National Research Council, publication 422.

I am also enclosing a picture of the front page of the Builder Magazine, Oct. 1953, which is the monthly publication of the Ill. Contractors Association, and an article pertaining to our operation.

After graduating from Southern Ill. University in 1947, I enrolled in Purdue University School of Mechanical Engineering. The last semester prior to graduating in 1950, I took a concrete course taught by an exchange professor from Switzerland. In this course, he showed us slides and pictures of various bridges he had designed for the Highway Dept. of Switzerland. We did a lot of lab work in aggregates and cement, and toward the end of the semester he divided 30 students into 15 teams. Each team was assigned a design strength to be obtained. After going to the lab and making a test cylinder of the concrete mixture, we were assigned to design and make a test cylinder. Two weeks later, we went to the lab and put our cylinders on a dynamometer machine and as each team broke their cylinders, the results were above and below their specified design strengths. The last day of school, we went into the classroom, and the professor said he hoped that he had taught us what little we know about concrete!

Mr. Tom Berry
Feb. 3, 2009
Page 2

I am sorry that it has taken so long to get back to you, but I have been a little bit under the weather.

Sincerely,

William M. Regenhardt