

Railroad Crossings

Lehigh Cement Company LLC / White Cement Division

“Each year, hundreds of fatalities are sustained at the nation's ubiquitous highway-rail grade crossings. Many are the result of drivers deliberately circumventing or otherwise purposely violating active control devices. In other cases drivers are unsure of their responsibilities because warning devices, both active and passive, are perceived by motorists as ambiguous.” (from AASHTO Strategic Highway Safety Plan approved by Board of Directors , December 1997.)



Passive rural crossing



Asphalt with timbers

**INNOVATIONS IN ROADWAY DESIGN AND HARDWARE
ARE NEEDED TO GIVE DRIVERS A SAFER RIDE!**

Rail project will tie up Local Town
■ Fixing bumpy crossing will block Main Street next week

Local Newspaper Article

Pennsylvania State Route 100 will be blocked for five days starting Monday while Norfolk Southern Railway Co. workers repair the borough's crumbling railroad crossing. Shutting down the borough's main thoroughfare promises to disrupt traffic, including buses carrying school district students, and area businessmen say it will cost them money.

Blacktop around the tracks is so deteriorated that traffic crawls over the crossing, says the Borough Manager. "It causes unsafe conditions because cars have to slow down drastically," he added.

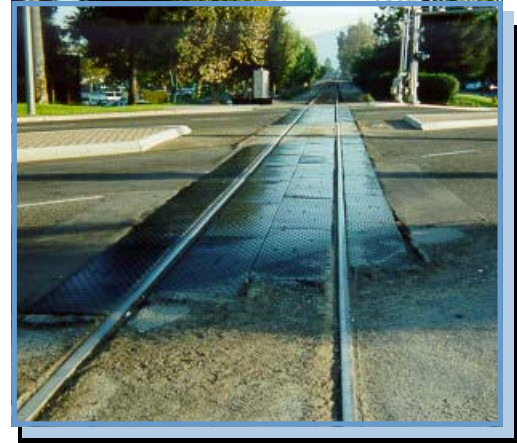
The repairs will be the third to the crossing on what is the town's main street in the last 10 years. The most recent closure was four years ago. A local business owner recalls that the street was blocked for three weeks. His manager said, "We're very upset. "It seems like they were just here and many of our customers will be unwilling to drive farther, therefore we predict business will drop by at least 25 percent.

The daily 12,800 vehicles that use this road will be detoured, while emergency vehicles will be able to use a crossing on the property owned by a local pipe company.

The school district's bus company examined what impact the street closing will have, particularly on the middle and elementary schools. Those schools are clustered next to the township border, while the bus terminal is on the other side of the railroad crossing.

Norfolk Southern will close Route 100 from Monday to Friday while workers reconstruct the track and replace the old with another asphalt crossing, a department of transportation spokesperson said.

The Borough Manager said this crossing needs frequent repairs because the blacktop base surrounding the tracks is not solid. The borough would like to eventually have a concrete base. "The biggest concern is that when the work is done, it will last a lot longer than it did the last time."



Metal crossing, Petaluma, California



Wet precast, gray concrete. York, Pennsylvania



Dry precast, gray concrete. Morgan Hill, California

SAFE ROADWAYS ARE NO ACCIDENT!



Dry Surface

White Concrete
against Black Asphalt



Wet Surface



White Concrete
against Gray Concrete

White concrete using Lehigh White Cement offers greater visibility through increased reflectivity, which can help overcome obstacles to safe driving on our nation's highways and roadways, making them safer for all drivers and pedestrians alike.



Dry Surface



*Cal Trans Crossing
San Jose, CA*

Or, you can paint it — And repaint it!



*Cal Trans Crossing
San Diego, CA*



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From design to project completion, Lehigh White Cement offers the technical support, service, and the finest products available to ensure best results. With 4 sales offices supported by numerous distribution centers, Lehigh White Cement provides prompt delivery of its white cement products throughout the United States and Canada.



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