



Step-Safe® ADA Compliant Tile Success Story

The Southern Pines Train Station renovation, a project spurred by a North Carolina DOT Rail Division initiative, has provided the majority of the resources necessary for the rehabilitation of over a dozen historic train stations across the state.

The station was originally constructed in 1898 to replace an earlier, smaller station relocated to Vass, NC. The station, located in an historic downtown area, is flanked with active businesses, restaurants and a playhouse. As a station in continuous operation, the platform had become problematic with passengers loading and off-loading baggage. By raising the platform, an opportunity arose to improve safety while meeting modern codes.

As part of that scope of work, the architect from Clearscapes and owner (Town of Southern Pines) researched a variety of materials that could provide the appropriate visual and tactile requirements required by the Americans with Disabilities Act (ADA), while simultaneously fitting quietly into its historic context.

Transpo's **Step-Safe®** precast polymer concrete detectable warning tile was selected to meet the project goals. Working within an active rail corridor for both freight and passenger trains, the contractor was unable to have prolonged, uninterrupted periods of time to do the installation. **Step-Safe®** standard installation methods made it considerably effective in getting the tiles in place quickly and accurately. The contractor displayed optimal care in laying the tiles and aligning them with the existing columns of the platform canopy. The **Step-Safe®** brick red color was chosen to blend in with the historic area, while a warm light grey integral concrete color was used to provide the optimal visual contrast needed for the visually impaired. Over the course of one week in Dec. 2004 and in four separate concrete pours, over 358 linear feet (approximately 720 individual tiles) were installed.

The product and onsite technical support was provided by Traffic Distributor Links, Inc. of Zebulon NC, the MEP engineering consultants were from Triangle Engineering Associates, and the structural engineering consultants came from Lysaght & Associates.



Photo (left to right) Jon Zellweger (Project Manager for Clearscapes, PA), Billy McBride (VP General Contractor, Carolina Construction Inc.), David White (Dir. Parks & Rec. Dept., Town of Southern Pines) and Rocky Lackman (VP, Traffic Dist. Links Inc.)

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