

HOLDERNESS SCHOOL

PEDESTRIAN UNDERPASS TUNNELS

HOLDERNESS, NH

When two Holderness School students were tragically killed while walking along NH Route 175, the school began looking for solutions to reduce the hazards associated with the fact that, at some point in each day, students needed to walk along or cross a major road: NH Rte. 175 and/or NH Rte. 175A. **SFC Engineering Partnership, Inc., (SFC)** was retained by The Holderness School because of the team's creative approach; instead of redesigning crosswalks and signage, **SFC** suggested getting students off the roadways entirely by building pedestrian tunnels under the roads.

While collaborating with the school, **SFC** was responsible for coordinating all necessary work efforts with The NH Department of Transportation and The Town of Holderness. Pre-cast concrete boxes were utilized for the two tunnels and Redi-Rock retaining walls were designed for the wingwalls. Beautiful views from NH Rte. 175 were preserved, regular traffic flow was maintained during construction and the project timeline, beginning mid July, was accelerated and completed before students returned from summer break. NHDOT was subsequently able to eliminate two crosswalks and a blinking light, improving traffic flow along Rte. 175.

SFC Engineering Partnership, Inc., won The 2005 Associated Builders and Contractors of NH and VT Merit Award for this project.

OWNER
Holderness School

CONTACT
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Holderness School
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SCOPE OF SERVICES

- Surveying
- Structural Design
- Construction Inspection
- Project Management



REPRESENTATIVE PROJECTS

