

# Precast Concrete Sound Barriers

*Nashville, Tennessee*



“The precast panels with the specified sound absorption material were very cost effective. The precast wall does an excellent job of blocking the sound and is a great enhancement to the interstate as well as the adjacent neighborhood.”

Bill Dement  
Dement Construction Company, LLC



**Construction Products, Inc.  
of Tennessee**

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The Tennessee Department of Transportation specified precast concrete for the sound wall installation along I-40 in Nashville. The project consisted of 35,777 sf of sound walls that were constructed using 527 precast concrete panels installed in precast H-beams over the 2,776 feet of the project. SoundSorb acoustic mitigation material was incorporated into the precast concrete construction to deaden the highway noise.

The project was installed along an existing neighborhood in Nashville. The precast concrete was textured on both sides to a simulated stone finish that is durable, functional and aesthetically pleasing.



**Owner: TDOT**

**Contractor: Dement Construction Company, LLC**