



Piano Wall™

is a combination precast traffic barrier and Mechanically Stabilized Earth (MSE) retaining wall. The lower portion of each unit serves as the precast concrete facing for the MSE wall and the upper section serves as an integral Jersey-type traffic barrier.

- ◀ Delivered to jobsite ready to install - No forming/curing delays
- ◀ Impact load is carried by the upper level of reinforcing strips
- ◀ Eliminates need for a cast-in-place barrier moment slab
- ◀ Rapid construction - wall and barrier placed simultaneously





The primary components of a Piano Wall are full height precast composite MSE wall/traffic barrier units and alternating layers of granular backfill with high adherence, linear metallic soil reinforcing strips.



The strength and stability of a Piano Wall is derived from the frictional interaction between the granular backfill and the reinforcements, resulting in a permanent and predictable bond that creates a unique composite construction material.



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