

Project:

Soldier Beam Tie-Backs, US 69 Highway

Owner:

Kansas Department of Transportation

Dwight D. Eisenhower State Office Building

700 S.W. Harrison Street

Topeka, KS 66603-3754

General Contractor:

Clarkson Construction Company

9133 Gardner Ave

Kansas City MO 61120

Description:

US-69 in Johnson County Kansas was being widened and realigned for more optimal traffic flow. Due to right of way constraints, it was necessary for KDOT to construct several retaining walls. The retaining walls were anchored soldier beam and lagging walls with a cast in place facing. The Judy Company was contracted by Clarkson Construction Company to install the tieback anchors and install shotcrete for the temporary lagging between the soldier beams. The tieback anchors were drilled through overburden into the underlying limestone. The shotcrete lagging was used in lieu of wood lagging as the shotcrete was lower in installed cost than the wood and is more durable.

