



Project: Pillsbury Tower

Beam Strengthening



Location: Minneapolis, MN



Description of Work

High-density filing units were scheduled to be located on the 14th floor as part of a remodel project. The existing beams below had insufficient flexural and shear capacities to handle the new loads associated with the filing units.

The beams were reinforced with a combination of Tyfo[®] Strengthening Systems. The carbon-based Tyfo[®] SCH-41 Composite System was applied to the bottom of the beams to provide additional flexural capacity. The shear capacity was increased by wrapping the fiberglass-based Tyfo[®] SEH-51 Composite System around the beams. The combination of the Tyfo[®] Systems strengthened the beams in an easily mobilized and fast installation



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