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Structural Strengthening of Pillsbury Tower, Minneapolis, USA.

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.

Project: Structural Strengthening
of Pillsbury Tower

Location: Minneapolis, USA

Scope of Works:

- Structural Strengthening of Beams for new increased loads

