

Project Brief

Chambers Hotel

Slab Strengthening



Minneapolis, MN
2005



The building was constructed around the year 1900, and the floor slabs suffered from bending and deflection issues. The retrofit needed to be low profile due to the low floor-to-floor heights.

The carbon-based Tyfo® SCH-41 Composite System was used to increase the flexural capacity of the two-way slabs at three floors. Additionally, the composite system aided in increasing the slab stiffness in conjunction with a new concrete floor topping. Over 15,000 square feet of slab was reinforced within a tight timeframe prior to the work of other disciplines related to the remodel project.

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