

Project Brief

Zorinsky Federal Building
Waffle Slab Renovation



Omaha, NE, USA
 2005



The design goal was to provide reinforcement of the concrete waffle slab.

The deficiency in waffle slab strength was due to the cutting of an opening to accommodate the new stairwell.

Tyfo® SCH-41 carbon composite was installed in strategic areas on the bottom side of the waffle slab stem to provide reinforce as required. The installation included the Tyfo® VG/EI-R (fire-resistant) System to all composite installation areas.

The project consisted of approximately 1,500 square feet of Tyfo® SCH-41 installation and 5,000 square feet of Tyfo® VG/EI-R. This project was also the pilot project of the GSA using the Tyfo® VG/EI-R System.

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