

35W@94: Downtown to Crosstown

4-year update

Date: 2019

Location: Minneapolis, MN

Advantage: Reduced Cracking,
Improved Long-Term
Performance, Increased
Residual Flexural
Strength



2023

Technical Specifications

Application: Bridge Deck

Fiber Reinforcement: FORTA-FERRO[®] 2-¼"

Dosage: 5.0 lb/cu yd

MnDOT specified fibers be used in the new road, bridge, and ramp construction being done on I-35W and I-94 from downtown to crosstown in Minneapolis, MN. This included installing new concrete on more than a 50-year old freeway, a new ramp access from I-35W south to Lake St. and from I-35W north to 28th St., and building MnPASS lanes near the downtown bus station at Lake Street.

The fiber reinforcement was required to be a combination of micro and macro non-metallic fibers to provide **crack control** and **improve the long-term performance** of the bridge decks, making **FORTA-FERRO the perfect choice**. The micro fibers were used for **controlling the plastic shrinkage cracking**, and the macro fibers were used to provide **increased residual flexural strength** throughout the concrete.



2019

UPDATE

4 years later, this project remains in **great condition** due to the characteristics and benefits of **FORTA reinforcement fibers**.

World-class design services, on-site support. Contact us to learn more.