

Unity Bridge, Downtown Sioux Falls, SD

Submitted by: Buffalo Ridge Concrete, Inc.

All projects begin at a conference table to plan and devise the smoothest possible way for things to be completed in the shortest amount of time. The collaboration between the City of Sioux Falls, Infrastructure Design Group, SFC Civil Constructors / Journey Group, and Buffalo Ridge Concrete, Inc. was run like a well-oiled machine. The challenge that any larger city downtown faces is traffic but, not all face traffic, trains, and several areas of road construction to and from the site, and that is on top of the weather.

The bridge deck was carefully planned with those road blocks in mind as it was looking like a night pour was going to be the best option. The pour start time was pushed back by a line of thunderstorms that dropped rain on the project for almost 6 hours prior to the original start time of 7 p.m. on October 3rd. However, the rain went swiftly through, and we were able to begin supplying Journey Group with the first set of trucks at 1:00 a.m. on October 4, 2023 and finishing at 10:30 a.m. This bridge deck used 1,115 Cubic Yards of the DOT Mix A45.