

STRENGTHEN YOUR STRUCTURE

Francis Field Renovations



Project Description

The Francis Field Renovation project involved a 4" exposed aggregate topping over the existing bleachers. The structure was originally built for Washington University and used for the 1904 World's Fair and the Olympics! The contractors devised a forming system using Aluma Forms and Uni-strut Beams to form the risers which were 12'6" long by 1'4" tall. The concrete mix design was studied up front and mock up panels constructed to make sure the mix was pumpable and provided the desired exposed texture and appearance. Meramec exposed aggregate concrete was used for the main steps. Shotcrete was used on the rear panels behind the bleachers facing the street. The shotcrete was sandblasted to expose the meramec aggregate. The flatwork contractor used two different surface retarders, one for the horizontal and a different one for the risers to achieve the desired appearance.

Owner	Washington University
Architect	Jacobs Civil Inc.
Engineers	Jacobs Civil Inc.
General Contractor	Tarlton Corporation
Ready Mix Supplier	Breckenridge Material Company
Subcontractor	Ahal Contracting Co.,
QC / QA Firm	PSI

CONCRETE COUNCIL

8000 Maryland Ave., Suite 1320
St. Louis, MO 63105
(314)862-0324
www.concretecouncil.com