

# STRENGTHEN YOUR STRUCTURE

*Eastern Reception Diagnostic and Correctional Center*



## **Strength Vs. Speed**

Strength and speed—two words rarely applied to the same thing. The sprinter is smooth and quick; the weightlifter is sure and strong—but neither is both.

Structural concrete, however, offers both strength and structural integrity as well as a quicker start up and shorter start to finish times.

How is that possible? New high-strength mix designs and superplasticizers are ever increasing final strengths while providing a more flowable concrete even at lower temperatures. Interior partitions, electrical, plumbing and mechanical systems can be installed while the frame progresses upward instead of after the entire structural framework is complete.

The use of concrete also offers greater fire resistance and more usable space per floor through the use of longer spans, fewer and smaller columns than steel. Strength, speed, safety and space: Concrete, there are many benefits.

## **Owner**

State of Missouri Department of Corrections  
Division of Design and Construction  
Bonne Terre, Missouri

## **Architect**

Sverdrup Facilities

## **Engineer**

Tseng & Associates  
North Miami Beach, FL

## **General Contractor**

McCarthy/Interface

## **CONCRETE COUNCIL**

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