

CASE STUDY



Sustainable, Safe New Start

The Oklahoma Federal Building

In December 2003, eight and a half years after the infamous Oklahoma City bombing that took the lives of 168 people, a new Oklahoma Federal Building was completed a block away from where the original building once stood.

The building was designed and constructed with numerous goals in mind, including sustainability, safety and a unique urban design. Most importantly, it was designed to withstand potential disasters or building trauma.

The new facility, which is three-stories, 181,000 square-feet and made of concrete, steel, glass and rock, has been called one of the safest in the country. For example, the building has been designed to withstand a progressive collapse and not create injury-producing blast debris.

The exterior and interior of the building have been made with concrete. The exposed concrete on the outside of the building is especially beautiful in design and is also another protective element. The stone façade was created using previously constructed concrete walls to act as a barrier for stones and mortar to create the well-designed exterior.



The new Oklahoma Federal Building has been constructed with concrete, adding to its sustainability and safety.

A concrete wall bordering the entrance stairway and ramp offer another barrier to help prevent a terrorist attacks from the exterior of the building.

The lobby is made with concrete walls, providing the ability to compartmentalize a blast produced by an explosive device.

The U.S. General Services Administration plans to submit the building to the U.S. Green Building Council for LEED Silver certification.

Project Team:

Owner/developer: U.S. General Services Administration

Architect: Ross Barney + Jankowski Inc. (design architect/of record); Benham Companies (consulting architect)

General contractor: Flintco Inc.