

# Dallas County Records Building Renovation

DALLAS, TEXAS

SUBMITTED BY SIKA CORPORATION



reinforcement in some locations was very pronounced resulting in severe deterioration and fracturing of the column reinforcement. Due to the extent of demolition and rebuilding of the upper floors, and the added floor on the roof of the Annex and Records Buildings, all three buildings needed to be upgraded to meet the wind, seismic, and gravity loading requirements of the current building code. The façade was especially important to retain as the primary historic fabric of the building, and it involved numerous assessment and repair challenges.

These three buildings have now been repurposed and reconnected as well. These structures have been rebuilt with an environmentally friendly perspective, earning multiple awards including LEED certification and other similar awards.

History makes us smarter and we should learn from it before it is too late. The preservation of this building gives us the lens to go back 100 years and at the same time allows us to look in the future another hundred years. This is Concrete Repair industry at its best and should make all of us proud!

Conic restoration projects like this represent the concrete repair industry in a grand manner. The Dallas County Records Building complex is comprised of three separate buildings joined by expansion joints and ramped connecting structures. The buildings date as far back as a century ago. After understanding the original construction, a thorough visual evaluation by the restoration engineer was completed looking for signs of distress that would be typical with structures of this age including spalling, cracking, deflection, and in this case signs of past fire damage.



Much of the deterioration that was observed was a result of moisture infiltration into the basement and around the base of columns in the basement. Corrosion of the

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SUBMITTED BY

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Lyndhurst, NJ

OWNER

**Dallas County**

Dallas, TX

PROJECT ENGINEER/DESIGNER

**Walter P Moore**

Dallas, TX

REPAIR CONTRACTOR

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MATERIALS SUPPLIER/MANUFACTURER

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