The KU Office of Design & Construction Management (DCM) recently initiated Project No. 10,000 in our current numbering system*. An informal reception is planned to recognize this milestone. We invite KU administrators, departments and affiliated corporations we serve, our partner organizations, and other interested individuals to drop by and visit us at Carruth-O’Leary Hall, Rooms 114 and 121, for light refreshments anytime between the hours of 10:00 a.m. and 3:00 p.m. on Tuesday, January 15, 2013.

*In the 1990s, KU's Office of Facilities Planning and Management – now the Office of Design & Construction Management – established a new numbering system to track campus infrastructure projects, known as Physical Plant Modification Requests (PPMRs). The new numbering system started at 1, with subsequent project numbers increased by an increment of 1. Some number ranges were reserved, but for the most part the assigned project numbers were sequential.

Only about a third of the projects progress to the point of being funded. The majority of projects begin and end with studies performed by DCM in response to requests from clients for various departmental needs – from adding a door between two rooms or modifying ventilation systems to renovating classrooms, laboratories and office suites or planning new buildings. The studies usually include a cost estimate and a preliminary scope of work, from which administrators base decisions about funding priorities. The projects that receive funding are designed and constructed.

Presumably, there were many thousands more projects from the time of KU’s founding in the 1860s until the new project numbering system went into effect in the 1990s. At any rate, we think the “10,000th project” in our current numbering system provides an opportunity to reflect on and educate the campus community about DCM’s work. In the next few pages, we’ve compiled brief profiles on selected projects from the past two decades – including Project No. 10,000.

While not detailed here, it should be noted that over this time period DCM’s processes evolved with substantial advancements in computer technology, project management techniques, and sustainable infrastructure – to name a few. With the Changing for Excellence initiative, DCM continues to improve – for example, the tradesmen of KU Construction recently joined the DCM family, we are adopting the use of Maximo for asset management and accounting, and we are working with the Provost’s Office to institute construction auditing procedures.
DCM exists to serve KU. We provide professional architectural, engineering, and construction services. We strive to deliver buildings and other campus infrastructure that are functional, aesthetically appropriate, cost-effective, sustainable, accessible, compatible with the University’s mission and policies, and inspiring.

We thank all the KU leaders, clients, partners, associates, and DCM employees who have contributed to our success, and those who are helping to position DCM for continued success in the future.

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Selected Project Profiles, University of Kansas, 1994-2013

Project No. 2729: Lightning Protection for Dyche, Green, Malott & Spooner Halls
Year Completed: 1994
Cost: $100,000
Summary: Lightning protection includes roof-mounted rods, grounding conductors, and surge arrestors for the building electrical systems.
Interesting Fact: Prior to the widespread use of lightning protection, lightning strikes were a common cause of building fires. Examples at KU include the Powerhouse lightning strike in 1898 and the Hoch Auditorium lightning strike in 1991, both of which resulted in total building destruction.

Project No. 3096: Ellsworth Residence Hall Replace Cooling Tower
Year Completed: 1995
Cost: $54,000
Summary: A new cooling tower was needed to meet the air conditioning demands of this 10-story, 155,000 square-foot residence hall. The cooling tower removes heat from recirculated water.
Interesting Fact: Even with regular maintenance, equipment typically has to be replaced on a 10-20 year cycle. This cooling tower was replaced again in 2011.
Project No. 3464: Memorial Stadium Emergency Lighting

Year Completed: 1997
Cost: $175,000

Summary: This project was necessary to bring the facility up to code requirements for illuminating egress pathways.

Interesting Fact: Most of KU’s emergency lighting is powered by emergency generators as opposed to battery packs as the generators are more reliable and are needed to power other life-safety systems including fire alarms.

Project No. 3846: Provide Ventilation in Haworth Hall, Room 8036

Year Completed: 1998
Cost: $6,000

Summary: This project was necessary as the occupancy changed from storage to an office/lab.

Interesting Fact: This is representative of many small projects triggered by a change in use.
Project No. 3850: Joseph R. Pearson Hall Renovation/Addition

*Year Completed: 2000*

*Cost: $14 million*

*Summary:* Converted a former men’s residence hall into the new School of Education. For the first time in KU’s history this houses all SOE faculty in one location. The project was mostly funded through the 1996 Crumbling Classroom initiative.

*Interesting Fact:* The namesake of this building was the husband of Gertrude Sellards Pearson, after whom the GSP Residence Hall is named.

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Project No. 5039: Mississippi Street Parking Garage

*Year Completed: 2000*

*Cost: $9.6 million*

*Summary:* A new, 800-stall parking garage serving the campus core.

*Interesting Fact:* The parking garage elevators provide an accessible route up and down the hill between Mississippi Street and Jayhawk Blvd/Oread Avenue.

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Project Nos. 6794-6999 (and continuing to 7043): Energy Conservation Improvements

*Year Completed: 2004*

*Cost: $18.3 million*

*Summary:* Replaced lighting, HVAC equipment, and plumbing fixtures, and installed automated building control systems for improved energy efficiency.

*Interesting Fact:* An energy performance contract was utilized to finance the infrastructure improvements through energy cost savings.
Project Nos. 7919-7995: Assess & Repair Storm Damage

*Year Completed: 2006-2007*

*Cost: $6.7 million*

*Summary:* On March 12, 2006, a [microburst](https://en.wikipedia.org/wiki/Microburst) tore across Lawrence with winds in excess of 80 mph, damaging roofs, rooftop equipment, and windows on scores of buildings at KU.

*Interesting Fact:* The President declared this a [major disaster](https://en.wikipedia.org/wiki/Major_disaster), providing federal funding to repair the storm damage.

Project No. 8094: New Building for School of Pharmacy

*Year Completed: 2010*

*Cost: $42 million*

*Summary:* A new 118,000 square-foot home for the School of Pharmacy with state-of-the-art technology for distance learning, interactive teaching laboratories and classrooms, breakout rooms, dining center, and storm shelter.

*Interesting Facts:* The building was selected as an Outstanding Design in the 2010 American School & University [Educational Interiors Showcase](http://www.asueducationalinteriors.org/index.php), and won the 2011 Associated General Contractors of Kansas Award for Excellence. Due to prudent planning and favorable market conditions, the building was completed well under budget and [KU returned $4.5 million to the state](https://www.ku.edu/).

Project No. 9023: Install Elevator in Lippincott Hall

*Year Completed: 2012*

*Cost: $90,000*

*Summary:* Installed a three-stop elevator serving the basement, first, and second floor in the main building, within a shaft previously created through rooms east of the main entrance.

*Interesting Fact:* Prior to this elevator installation the only non-stair access to the building was via a smaller elevator in the addition, crossing into the main building via a bridge and traversing through non-public areas on some levels.
Project No. 10,000: Lab Improvements in Malott Hall, Rooms 4022, 4024 & 4034

*Year Completed:* 2013 (scheduled)

*Cost:* $200,000 (estimated)

*Summary:* This project is necessary for ABET accreditation. The project will replace and update lab countertops, associated utility fixtures and equipment – improving the functionality and safety of these wet labs for teaching and research purposes.

*Interesting Fact:* These are heavily used labs; a KU report indicated that the organic chemistry lab in Room 4022 was used 45 hours per week in fall 2009.