

# TUKH BELL HOSPITAL

## NEW HELIPAD

KANSAS CITY, KS

\$3.6M U of Kansas Development

Pulse Design Group

### DETAILS

New Helipad platform above existing hospital roof structure

Develop 3-D structural model of the Bell hospital to study seismic effects of new helipad on existing lateral systems.

Design of structure included girders that were built-up / composite members due to erection weight limitations

Worked closely with GC to understand limitation of proposed equipment for erection, and created hybrid girder design to accommodate desired erection process.

Design of ramp and safety netting at the helipad perimeter, included integrating steel gutter system with the edge plate.

