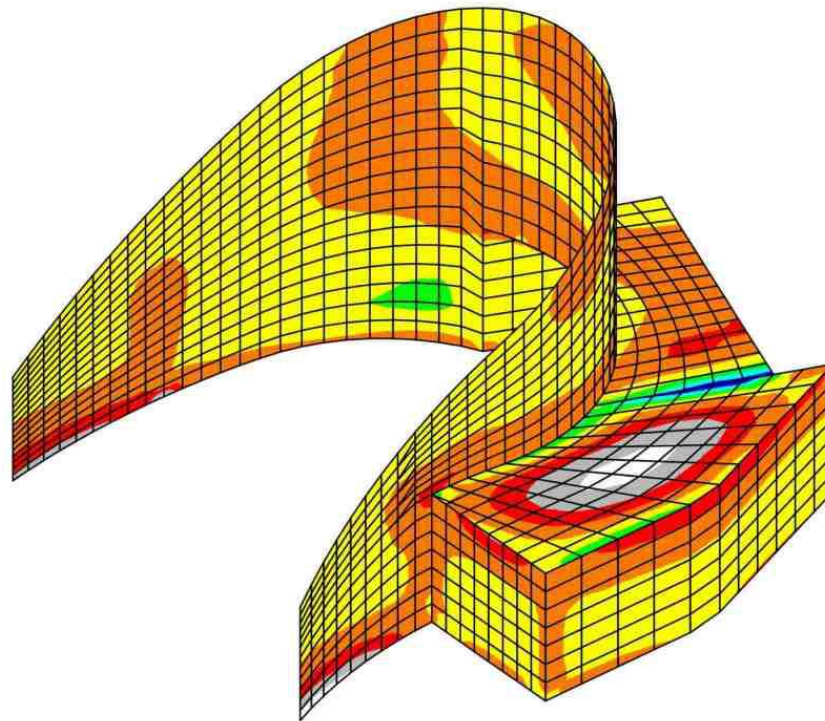


# Minnesota Library Access Center Portal Structure

The Minnesota Library Access Center in Minneapolis, Minnesota is an underground mined archive center, located on the West Bank Campus of the University of Minnesota. The 50-foot high portal provides access to the underground facility from the river road and is a monolithic concrete shell structure. The model below represents the moment contours for the three lane portal and adjacent mechanical room.

- **Construction Monitoring**
- **Forming and Staging**
- **Analysis**
- **Design**
- **Shell Structures**
- **Mass Concrete**



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**Owner — University of Minnesota**

**Completion Date — 2000**

**Construction Cost — Portal and Underground Portion = \$9 million**

**CNA**  
**Consulting**  
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