



333 West Broad Street  
Columbus, Ohio 43215  
Picture Courtesy of "JA40"

## PRIMARY PROJECT TEAM

- Owner:  
COSI Columbus
- Architects:  
Arata Isozaki & Associates  
NBBJ Architects
- Engineers:  
Civil – Moody/Nolan  
Structural – Korda/Nemeth  
Mechanical – H.A.Williams & Associates  
General Contractors: Ruscilli Construction



## MECHANICAL DESIGN

- 35 Air handling units
- 600 ton chillers
- Emergency powered heating and cooling

## LIGHTING DESIGN

- Compact fluorescent downlights in general areas
- Fluorescent strips used to light corridors
- Theatrical fixtures used in lighting each exhibit area
- Daylighting integral to design



## ELECTRICAL DESIGN

- Fused switches, circuit breakers
- 480 Volt, 3 phase transformer configuration
- Two – 75kVA transformer in each exhibit area
- Lighting: 208Y/120 Volts

## CONSTRUCTION INFORMATION

- Construction began in 1997 and ended in November 1999
- Delivery Method: Five-prime
- Cost: \$125,000,000

## STRUCTURAL DESIGN

- 58 curved architectural wall panels
- 118 – 10ft. wide double tees
- 52 prestressed concrete beams
- 47 reinforced concrete columns

[www.arche.psu.edu/thesis/2005/knm126](http://www.arche.psu.edu/thesis/2005/knm126)