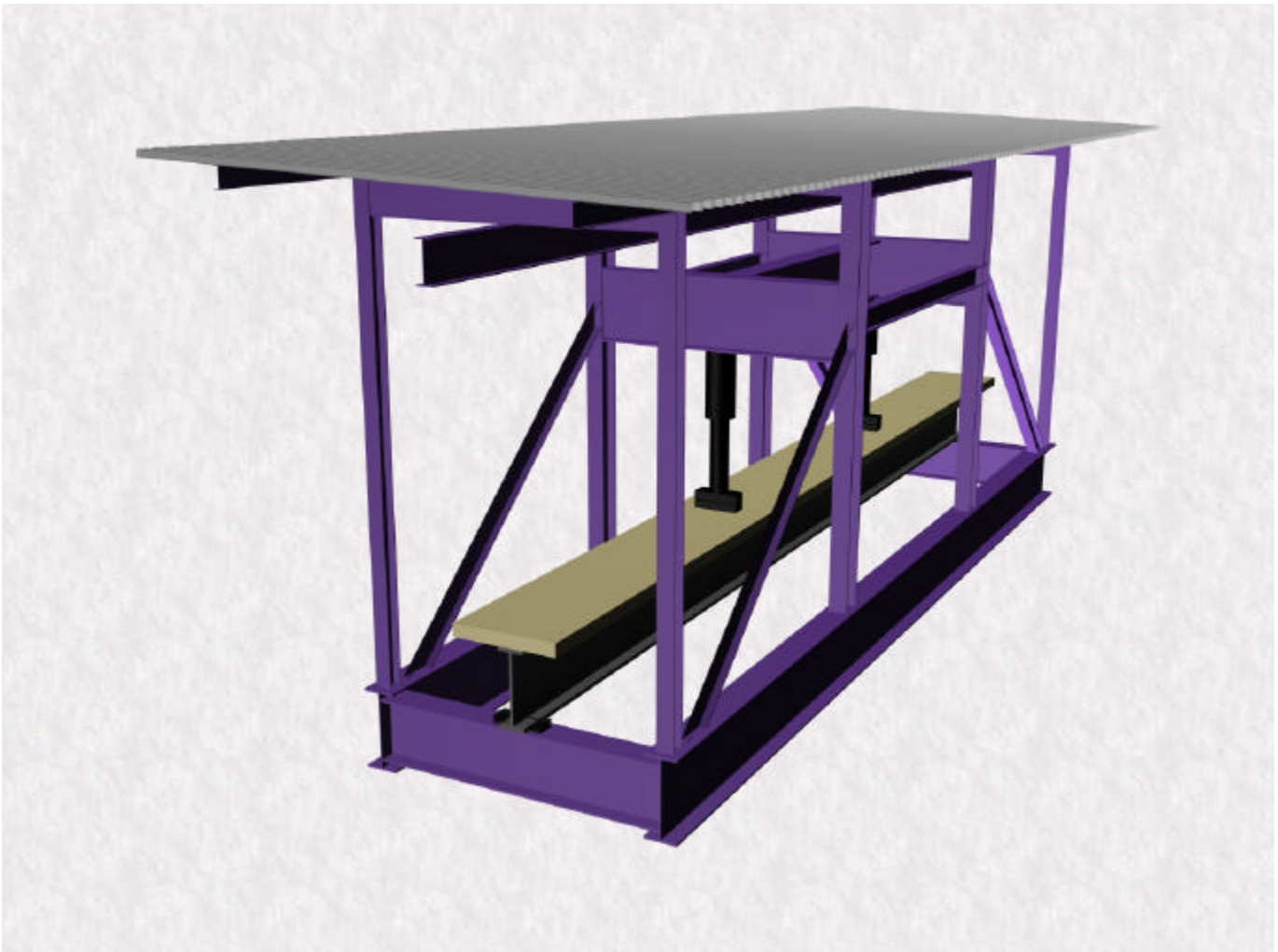


Establishing a Full-Scale Structural Testing Facility at K-State

*Robert J. Peterman, Ph.D., P.E.
Department of Civil Engineering
Rm. 124 Seaton Hall
Manhattan, KS 66506
Phone: (785) 532-7612
E-mail: bob@ksu.edu
Web Site: <http://prestress.ce.ksu.edu>*



Purpose:

- Provide Hands-On Opportunities For Civil Engineering Students in Structures
- Develop Infrastructure Necessary to Secure Research Funding in Experimental Testing and Attract Excellent Graduate Students.
- Conduct Relevant Research in Cooperation With Industry

Industry Partners To Date:

- Havens Steel Company
- Great Bend Industries
- Sturgis Equipment Company
- Vulcraft
- King Construction Company
- Midwest Concrete Materials
- Gateway Building Products
- Williams Form Engineering Corp.
- ITW Buildex
- Eaton Corporation

Current Needs:

- (2) 5-Ton Hoists and Trolleys
- Electronic Control System
- Load Cells
- LVDT's
- Data Acquisition System
- Air Compressor and Pneumatic Tools
- Scaffolding – 4 Sections
- Lighting (1k)

Possible Sources:

- Additional Equipment Donations
- KSU Structural Testing Facility Fund
- Research Sponsoring Agencies

Future Plans:

- Establish Indoor Structural Testing Laboratory with Full-Time Technician
- Broadcast Live-Tests on WWW and Archive Experiments for Future Class Presentations