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E90 Background Paper

Project: Quadrangle Residence Pedestrian Bridge

Contact: Dr. Steven Phillips

Project Background:

Dr. Phillips contacted Professor Siddiqui in the spring of 2004 about the possibility of designing a pedestrian bridge for the Quadrangle Residence to span a creek leading to a pond on the grounds. The span is approximately 40 to 50 feet. Dr. Phillips expressed a desire to have the bridge resemble the one depicted in Monet's "The Japanese Bridge".

After discussion with Professor Siddiqui, we elected to take this on as our E90 project. The design of this bridge will entail designing the structure and its foundations, choosing materials and performing a construction cost estimate, among other tasks. After discussion with Professor Siddiqui we stipulate that this project should take no less than 450 hours, total.