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## **E 90 Project Selection Memo**

For this project we intend to compete in the 2007 National Timber Bridge Design Competition under the supervision of Professor Siddiqui. According to the contest rules, the bridge will have the dimensions 3.8 meters by 1.4 meters with at least 2.5 meters of vertical clearance above the bridge deck. Bridges will be judged for a variety of prizes in both design and performance, with the main performance concern being minimized deflection after supporting the given load for one hour. The complete contest rules can be found at the competition website, <http://www.msacd.org/b-rules07.htm>. The deadline for entry into the 2007 competition is April 8, 2007, and results will be announced on May 4 of the same year.

As discussed with Professor Siddiqui, we plan to complete 900 hours of work between the four of us in three phases: design and testing, construction, and reporting. We feel confident that our engineering experience, from E 6 to E 60, has prepared us well for this challenge.