





FIGURE 1. Bridge Details

## Testing

At the end of the allotted construction time, teams will report to the testing site (auditorium) where testing and judging will take place. **Only the team leader is allowed on stage during testing. Team members can sit in the seats to view the testing process and cheer on their leader.**

Once on stage, each team leader will place their bridge on one of the testing support platforms provided.

Under the instructions of the time keeper the bridge will be loaded with the official OC loading mass which the team leader will attach to the loading platform (see figure 1). The bridge must support the mass for a minimum time period of 60 seconds.

**OC officials are not responsible for setting up, load testing, or handling any team's bridge.**

If a bridge survives the load testing, the team leader will then move it to the judging table to have their bridge inspected to ensure compliance with the rules.

Bridges that are deemed in compliance with the rules and having survived the load testing will then be weighed to determine the bridge mass. **The loading platform must be included in the total bridge mass.**

A bridge will be deemed to have failed if any of the following conditions occur: The loading platform separates from the bridge during loading. The bridge fails under the loads imposed (collapses). The bridge fails the rules compliance check.

The winner will be the bridge that has the smallest mass, complies with the rules, and survives the loading time of 60 seconds. Additional prizes will be awarded to surviving/conforming bridges in the order of increasing bridge mass.

**Good Luck to all the teams**