Brenden Deustchman

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CADD-43

Bridge Project Write Up

1. Weight Supported
   1. **13 lbs at its Peak**
2. Structural Efficiency:
   1. Mass of bridge: 104 grams

| Arch West Side (Left) [g] | Arch East Side (Left) [g] | Arch West Side (Left) [g] | Arch East Side (Left) [g] | Railroad West [g] | Railroad East [g] |
| --- | --- | --- | --- | --- | --- |
| 10.3 | 9.8 | 10.3 | 9.8 | 32 | 32 |
|  |  |  |  |  |  |
| Total Mass (g) |  |  |  |  |  |
| 104.2 |  |  |  |  |  |

* 1. Mass supported in grams: 5896.7 grams
  2. SE = Mass Supported/ Mass of Bridge = **56.7**

1. Drawings: