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CADD-43

Bridge Project Write Up

1. Weight Supported
 - a. **13 lbs at its Peak**
2. Structural Efficiency:
 - a. 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					

- b. Mass supported in grams: 5896.7 grams
 - c. $SE = \text{Mass Supported} / \text{Mass of Bridge} = \mathbf{56.7}$
3. Drawings: