



# Student Steel Bridge Competition - Awards Summary

<b>Competition:</b>	Intermountain Southwest
<b>Location:</b>	Reno, Nevada
<b>Date:</b>	Friday, April 14, 2023

## Construction Speed

Rank	Full Name	Time (minutes)
1	Brigham Young University	35.37
2	University of Arizona	48.12
3	Boise State University	192.50

## Lightness

Rank	Full Name	Weight (lbs)
1	Boise State University	420.8
2	University of Arizona	592.7
3	Brigham Young University	676.5

## Stiffness

Rank	Full Name	Agg D (in)
1	Brigham Young University	1.29
2	Boise State University	1.33
3	Utah State University	1.36

## Aesthetics

Rank	Full Name	Score
1	Northern Arizona University	12.83
2	Utah Valley University	12.17
3	Boise State University	12.00

## Cost Estimate

Rank	Full Name	Estimate
1	Brigham Young University	\$ 5,795,362.49
2	University of Arizona	\$ 6,897,120.45
3	Utah State University	\$ 89,183,575.68

## Economy

Rank	Full Name	Cost
1	Brigham Young University	\$ 12,121,666.67
2	University of Arizona	\$ 21,782,500.00
3	Utah State University	\$ 96,562,500.00

## Efficiency

Rank	Full Name	Cost
1	Brigham Young University	\$ 6,027,795.83
2	Boise State University	\$ 6,876,734.52
3	Utah State University	\$ 7,921,075.68

## Overall

Rank	Full Name	Cost
1	Brigham Young University	\$ 18,149,462.49
2	University of Arizona	\$ 32,705,360.45
3	Utah State University	\$ 104,483,575.68