



Student Steel Bridge Competition - Awards Summary

Competition:	Pacific Southwest
Location:	Northridge, California
Date:	Saturday, March 25, 2023

Construction Speed

Rank	Full Name	Time (minutes)
1	California State Polytechnic University, Pomona	12.72
2	California State University, Northridge	15.02
3	University of California, San Diego	22.08

Lightness

Rank	Full Name	Weight (lbs)
1	California State University, Northridge	248.6
2	University of California, San Diego	271.9
3	California State Polytechnic University, Pomona	339.9

Stiffness

Rank	Full Name	Agg D (in)
1	University of California, San Diego	0.59
2	California State Polytechnic University, Pomona	0.64
3	California State University, Northridge	0.69

Aesthetics

Rank	Full Name	Score
1	University of California, San Diego	13.00
2	California State Polytechnic University, Pomona	12.80
3	California State University, Northridge	12.20

Cost Estimate

Rank	Full Name	Estimate
1	California State University, Northridge	\$ 183,149.29
2	University of California, San Diego	\$ 511,628.04
3	California State Polytechnic University, Pomona	\$ 1,566,873.24

Economy

Rank	Full Name	Cost
1	California State Polytechnic University, Pomona	\$ 4,936,666.67
2	California State University, Northridge	\$ 5,669,166.67
3	University of California, San Diego	\$ 7,970,833.33

Efficiency

Rank	Full Name	Cost
1	University of California, San Diego	\$ 3,057,558.31
2	California State University, Northridge	\$ 3,113,376.86
3	California State Polytechnic University, Pomona	\$ 3,580,358.57

Overall

Rank	Full Name	Cost
1	California State Polytechnic University, Pomona	\$ 8,517,025.24
2	California State University, Northridge	\$ 8,782,543.53
3	University of California, San Diego	\$ 11,028,391.64