



## Student Steel Bridge Competition - Category Ranking

<b>Competition:</b>	<b>Mid-Pacific</b>
<b>Location:</b>	<b>Berkeley, California</b>
<b>Date:</b>	<b>Sunday, April 6, 2025</b>
<b>Die Roll Result:</b>	<b>10</b>

### Not Ranked

Full Name	Loading Status	Ineligibility	Reason
California State University, Fresno	Stopped	3	Bridge is unsuitable for intended purpose
San Francisco State University	Pass	None	
San José State University	Pass	None	
University of California, Davis	Pass	None	
University of the Pacific	Stopped	None	
University of California, Berkeley	Pass	None	

### Construction Speed

Full Name	Loading Status	Time (minutes)	Rank
University of California, Davis	Pass	10.93	1
University of California, Berkeley	Pass	18.42	2
San José State University	Pass	192.75	3
San Francisco State University	Pass	256.25	4
University of the Pacific	Stopped	35.25	5
California State University, Fresno	Stopped	0.00	NR

### Lightness

Full Name	Loading Status	Weight (lbs)	Rank
University of California, Berkeley	Pass	214.7	1
University of California, Davis	Pass	229.6	2
San Francisco State University	Pass	386.2	3
San José State University	Pass	474.9	4
University of the Pacific	Stopped	983.9	5
California State University, Fresno	Stopped	0.0	NR

### Aesthetics

Full Name	Loading Status	Score	Rank
San José State University	Omitted	Omitted	1
University of California, Davis	Omitted	Omitted	2
University of California, Berkeley	Omitted	Omitted	3
San Francisco State University	Omitted	Omitted	4
University of the Pacific	Omitted	Omitted	5
California State University, Fresno	Omitted	Omitted	6

### Stiffness

Full Name	Loading Status	Agg D (in)	Rank
University of California, Berkeley	Pass	0.49	1
University of California, Davis	Pass	0.76	2
San Francisco State University	Pass	1.76	3
San José State University	Pass	2.46	4
University of the Pacific	Stopped	10.00	5
California State University, Fresno	Stopped	0.00	NR

## Cost Estimate

Full Name	Loading Status	Estimate	Rank
University of California, Berkeley	Pass	\$ 2,883,557.01	1
University of California, Davis	Pass	\$ 4,285,501.87	2
San José State University	Pass	\$ 176,263,575.09	3
San Francisco State University	Pass	\$ 231,085,720.38	4
University of the Pacific	Stopped	\$ 76,370,454.50	5
California State University, Fresno	Stopped	\$ 54,557,500.00	NR

## Economy

Full Name	Loading Status	Cc	Rank
University of California, Davis	Pass	\$ 7,088,000.00	1
University of California, Berkeley	Pass	\$ 13,525,000.00	2
San José State University	Pass	\$ 241,425,000.00	3
San Francisco State University	Pass	\$ 260,475,000.00	4
University of the Pacific	Stopped	\$ 39,645,000.00	5
California State University, Fresno	Stopped	\$ 0.00	NR

## Efficiency

Full Name	Loading Status	Cs	Rank
University of California, Berkeley	Pass	\$ 3,053,813.01	1
University of California, Davis	Pass	\$ 4,506,443.87	2
San Francisco State University	Pass	\$ 11,413,895.38	3
San José State University	Pass	\$ 13,896,500.09	4
University of the Pacific	Stopped	\$ 64,725,454.50	5
California State University, Fresno	Stopped	\$ 20,000,000.00	NR

## Overall

Full Name	Loading Status	Cc + Cs	Rank
University of California, Davis	Pass	\$ 11,594,443.87	1
University of California, Berkeley	Pass	\$ 16,578,813.01	2
San José State University	Pass	\$ 255,321,500.09	3
San Francisco State University	Pass	\$ 271,888,895.38	4
University of the Pacific	Stopped	\$ 104,370,454.50	5
California State University, Fresno	Stopped	\$ 20,000,000.00	NR















