



## Student Steel Bridge Competition - Category Ranking

<b>Competition:</b>	Eastern Great Lakes
<b>Location:</b>	Akron, Ohio
<b>Date:</b>	Saturday, April 6, 2024
<b>Die Roll Result:</b>	6

### Not Ranked

Full Name	Ineligibility	Reason
Ohio State University	11.4	Failed lateral load test
Youngstown State University	None	
University of Michigan	None	
Case Western Reserve University	None	
Cleveland State University	None	
Lawrence Technological University	None	
Michigan Technological University	None	
Ohio Northern University	None	
Ohio University	None	
University of Akron	None	
University of Cincinnati	None	
Wayne State University	None	
University of Dayton	None	

### Construction Speed

Full Name	Time (minutes)	Rank
Youngstown State University	9.28	1
Michigan Technological University	12.98	2
Wayne State University	14.27	3
Ohio Northern University	18.57	4
Ohio University	22.48	5
University of Cincinnati	23.73	6
University of Michigan	25.20	7
Cleveland State University	26.32	8
Case Western Reserve University	29.05	9
University of Akron	30.45	10
University of Dayton	185.75	11
Lawrence Technological University	189.75	12
Ohio State University	30.33	NR

### Lightness

Full Name	Weight (lbs)	Rank
Michigan Technological University	216.0	1
Youngstown State University	229.4	2
University of Michigan	284.2	3
Case Western Reserve University	305.7	4
University of Akron	308.2	5
Cleveland State University	344.6	6
Wayne State University	373.7	7
Ohio University	476.4	8
Lawrence Technological University	596.6	9
University of Cincinnati	646.2	10

Ohio Northern University	690.4	11
University of Dayton	2164.7	12
Ohio State University	936.4	NR

## Aesthetics

Full Name	Score	Rank
Cleveland State University	13.75	1
University of Michigan	11.25	2
Wayne State University	11.00	3
Case Western Reserve University	10.50	4
University of Akron	10.50	4
Lawrence Technological University	9.75	6
Michigan Technological University	9.50	7
Ohio Northern University	9.00	8
University of Dayton	8.75	9
Ohio University	8.50	10
Youngstown State University	8.00	11
University of Cincinnati	8.00	11
Ohio State University	7.75	13

## Stiffness

Full Name	Agg D (in)	Rank
Michigan Technological University	0.55	1
Ohio University	0.74	2
Case Western Reserve University	0.76	3
Youngstown State University	0.77	4
University of Dayton	0.94	5
University of Michigan	1.14	6
University of Cincinnati	1.97	7
University of Akron	3.56	8
Lawrence Technological University	3.65	9
Wayne State University	4.06	10
Cleveland State University	10.00	11
Ohio Northern University	10.00	12
Ohio State University	0.00	NR

## Cost Estimate

Full Name	Estimate	Rank
Ohio University	\$ 221,432.04	1
University of Michigan	\$ 314,915.13	2
Michigan Technological University	\$ 616,668.65	3
Youngstown State University	\$ 617,493.87	4
Case Western Reserve University	\$ 5,085,863.73	5

University of Cincinnati	\$ 8,556,654.77	6
Wayne State University	\$ 17,830,673.41	7
University of Akron	\$ 24,381,206.12	8
Ohio Northern University	\$ 60,509,857.07	9
Cleveland State University	\$ 65,457,915.85	10
University of Dayton	\$ 126,675,236.27	11
Lawrence Technological University	\$ 140,047,111.22	12
Ohio State University	\$ 2,589,636.12	NR

## Economy

Full Name	Cc	Rank
Youngstown State University	\$ 5,094,166.67	1
Michigan Technological University	\$ 5,814,833.33	2
University of Michigan	\$ 8,480,250.00	3
Wayne State University	\$ 13,404,000.00	4
Ohio University	\$ 14,523,500.00	5
University of Cincinnati	\$ 14,616,000.00	6
Ohio Northern University	\$ 16,811,000.00	7
Cleveland State University	\$ 22,826,166.67	8
Case Western Reserve University	\$ 22,830,250.00	9
University of Akron	\$ 23,580,500.00	10
Lawrence Technological University	\$ 151,337,500.00	11
University of Dayton	\$ 167,037,500.00	12
Ohio State University	\$ 21,504,583.33	NR

## Efficiency

Full Name	Cs	Rank
Michigan Technological University	\$ 3,290,240.02	1
Case Western Reserve University	\$ 4,283,585.27	2
Youngstown State University	\$ 4,302,327.20	3
Ohio University	\$ 5,839,801.04	4
University of Michigan	\$ 6,396,308.87	5
University of Cincinnati	\$ 10,845,776.77	6
University of Dayton	\$ 24,803,615.27	7
University of Akron	\$ 26,382,111.12	8
Wayne State University	\$ 28,020,024.41	9
Lawrence Technological University	\$ 30,152,403.22	10
Cleveland State University	\$ 62,648,250.18	11
Ohio Northern University	\$ 63,121,257.07	12
Ohio State University	\$ 4,273,199.79	NR

## Overall

Full Name	Cc + Cs	Rank
Michigan Technological University	\$ 9,105,073.35	1
Youngstown State University	\$ 9,396,493.87	2

University of Michigan	\$ 14,876,558.87	3
Ohio University	\$ 20,363,301.04	4
University of Cincinnati	\$ 25,461,776.77	5
Case Western Reserve University	\$ 27,113,835.27	6
Wayne State University	\$ 41,424,024.41	7
University of Akron	\$ 49,962,611.12	8
Ohio Northern University	\$ 79,932,257.07	9
Cleveland State University	\$ 85,474,416.85	10
Lawrence Technological University	\$ 181,489,903.22	11
University of Dayton	\$ 191,841,115.27	12
Ohio State University	\$ 25,777,783.12	NR











