



Student Steel Bridge Competition - Category Ranking

Competition:	Western Great Lakes
Location:	Chicago, Illinois
Date:	Saturday, April 6, 2024
Die Roll Result:	3

Not Ranked

Full Name	Ineligibility	Reason
University of Illinois at Chicago	9.3	Excessive dimensional
University of Wisconsin, Madison	None	
Lakehead University	None	
Marquette University	9.3	Excessive dimensional
University of Illinois at Urbana-Champaign	None	
University of Minnesota, Twin Cities	None	
University of Wisconsin, Platteville	None	
Bradley University	None	
North Dakota State University	None	
Milwaukee School of Engineering	None	
Olivet Nazarene University	None	
University of North Dakota	None	
Illinois Institute of Technology	None	
University of St. Thomas	None	
University of Minnesota, Duluth	None	

Construction Speed

Full Name	Time (minutes)	Rank
University of Illinois at Chicago	196.75	NR
University of Wisconsin, Madison	25.20	8
Lakehead University	21.70	6
Marquette University	190.75	NR
University of Illinois at Urbana-Champaign	13.03	3
University of Minnesota, Twin Cities	31.82	10
University of Wisconsin, Platteville	22.33	7
Bradley University	16.07	5
North Dakota State University	12.62	2
Milwaukee School of Engineering	32.25	11
Olivet Nazarene University	84.18	12
University of North Dakota	14.43	4
Illinois Institute of Technology	187.00	13
University of St. Thomas	29.75	9
University of Minnesota, Duluth	10.63	1

Lightness

Full Name	Weight (lbs)	Rank
University of Illinois at Chicago	307.4	NR
University of Wisconsin, Madison	272.9	4
Lakehead University	176.1	1
Marquette University	417.0	NR
University of Illinois at Urbana-Champaign	322.8	5
University of Minnesota, Twin Cities	207.5	2

University of Wisconsin, Platteville	326.4	6
Bradley University	238.1	3
North Dakota State University	359.0	8
Milwaukee School of Engineering	682.4	11
Olivet Nazarene University	896.9	12
University of North Dakota	441.9	10
Illinois Institute of Technology	328.6	7
University of St. Thomas	1072.1	13
University of Minnesota, Duluth	398.1	9

Aesthetics

Full Name	Score	Rank
University of Illinois at Chicago	9.33	12
University of Wisconsin, Madison	11.00	7
Lakehead University	12.67	2
Marquette University	10.33	8
University of Illinois at Urbana-Champaign	10.33	9
University of Minnesota, Twin Cities	11.75	4
University of Wisconsin, Platteville	11.50	6
Bradley University	7.83	15
North Dakota State University	11.50	5
Milwaukee School of Engineering	8.83	14
Olivet Nazarene University	9.50	11
University of North Dakota	12.00	3
Illinois Institute of Technology	9.00	13
University of St. Thomas	9.83	10
University of Minnesota, Duluth	13.00	1

Stiffness

Full Name	Agg D (in)	Rank
University of Illinois at Chicago	0.00	NR
University of Wisconsin, Madison	1.80	6
Lakehead University	1.87	7
Marquette University	0.00	NR
University of Illinois at Urbana-Champaign	2.15	8
University of Minnesota, Twin Cities	1.76	5
University of Wisconsin, Platteville	0.39	1
Bradley University	10.00	13
North Dakota State University	4.23	9
Milwaukee School of Engineering	10.00	12
Olivet Nazarene University	10.00	11
University of North Dakota	0.66	2
Illinois Institute of Technology	1.72	4
University of St. Thomas	10.00	10

University of Minnesota, Duluth	1.16	3
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Cost Estimate

Full Name	Estimate	Rank
University of Illinois at Chicago	\$ 136,446,745.03	NR
University of Wisconsin, Madison	\$ 2,198,699.68	5
Lakehead University	\$ 5,259,424.99	6
Marquette University	\$ 131,163,400.80	NR
University of Illinois at Urbana-Champaign	\$ 2,025,799.74	4
University of Minnesota, Twin Cities	\$ 8,432,344.14	7
University of Wisconsin, Platteville	\$ 1,568,164.18	3
Bradley University	\$ 54,197,200.59	10
North Dakota State University	\$ 28,110,849.99	8
Milwaukee School of Engineering	\$ 59,822,095.42	11
Olivet Nazarene University	\$ 61,948,065.66	13
University of North Dakota	\$ 394,775.85	1
Illinois Institute of Technology	\$ 49,479,464.80	9
University of St. Thomas	\$ 61,454,038.67	12
University of Minnesota, Duluth	\$ 1,398,297.83	2

Economy

Full Name	Cc	Rank
University of Illinois at Chicago	\$ 169,787,500.00	NR
University of Wisconsin, Madison	\$ 13,921,250.00	7
Lakehead University	\$ 7,011,500.00	3
Marquette University	\$ 168,287,500.00	NR
University of Illinois at Urbana-Champaign	\$ 5,627,833.33	2
University of Minnesota, Twin Cities	\$ 15,694,583.33	8
University of Wisconsin, Platteville	\$ 7,230,000.00	4
Bradley University	\$ 18,111,333.33	9
North Dakota State University	\$ 13,878,916.67	6
Milwaukee School of Engineering	\$ 19,618,750.00	10
Olivet Nazarene University	\$ 42,086,166.67	12
University of North Dakota	\$ 7,649,166.67	5
Illinois Institute of Technology	\$ 167,350,000.00	13
University of St. Thomas	\$ 22,767,500.00	11
University of Minnesota, Duluth	\$ 3,621,000.00	1

Efficiency

Full Name	Cs	Rank
University of Illinois at Chicago	\$ 1,259,245.03	NR
University of Wisconsin, Madison	\$ 8,721,169.68	7
Lakehead University	\$ 8,219,609.99	5
Marquette University	\$ 3,241,293.80	NR
University of Illinois at Urbana-Champaign	\$ 10,006,375.40	8

University of Minnesota, Twin Cities	\$ 8,050,169.81	4
University of Wisconsin, Platteville	\$ 3,948,830.18	1
Bradley University	\$ 61,160,467.25	10
North Dakota State University	\$ 28,541,344.32	9
Milwaukee School of Engineering	\$ 63,977,334.42	11
Olivet Nazarene University	\$ 66,308,491.00	12
University of North Dakota	\$ 5,498,965.18	2
Illinois Institute of Technology	\$ 8,344,240.80	6
University of St. Thomas	\$ 66,316,422.67	13
University of Minnesota, Duluth	\$ 6,900,702.17	3

Overall

Full Name	Cc + Cs	Rank
University of Illinois at Chicago	\$ 171,046,745.03	NR
University of Wisconsin, Madison	\$ 22,642,419.68	6
Lakehead University	\$ 15,231,109.99	4
Marquette University	\$ 171,528,793.80	NR
University of Illinois at Urbana-Champaign	\$ 15,634,208.74	5
University of Minnesota, Twin Cities	\$ 23,744,753.14	7
University of Wisconsin, Platteville	\$ 11,178,830.18	2
Bradley University	\$ 79,271,800.59	9
North Dakota State University	\$ 42,420,260.99	8
Milwaukee School of Engineering	\$ 83,596,084.42	10
Olivet Nazarene University	\$ 108,394,657.66	12
University of North Dakota	\$ 13,148,131.85	3
Illinois Institute of Technology	\$ 175,694,240.80	13
University of St. Thomas	\$ 89,083,922.67	11
University of Minnesota, Duluth	\$ 10,521,702.17	1

