



Student Steel Bridge Competition - Category Ranking

Competition:	Western Great Lakes
Location:	Milwaukee, Wisconsin
Date:	Saturday, April 12, 2025
Die Roll Result:	8

Not Ranked

Full Name	Loading Status	Ineligibility	Reason
Bradley University	Pass	4	Did not complete competition.
Northwestern University	Pass	4	Did not complete competition.
North Dakota State University	Stopped	9.3	Excessive dimensional violation
University of St. Thomas	Stopped	None	
University of Wisconsin, Madison	Stopped	None	
Illinois Institute of Technology	Pass	None	
University of Illinois at Urbana-Champaign	Pass	None	
Olivet Nazarene University	Pass	None	
University of Minnesota, Duluth	Pass	None	
Marquette University	Pass	None	
Lakehead University	Pass	None	
University of Illinois at Chicago	Stopped	None	
University of Minnesota, Twin Cities	Pass	None	
Milwaukee School of Engineering	Pass	None	
University of Wisconsin, Platteville	Pass	None	
University of North Dakota	Pass	None	

Construction Speed

Full Name	Loading Status	Time (minutes)	Rank
University of North Dakota	Pass	10.23	1
University of Illinois at Urbana-Champaign	Pass	10.68	2
University of Wisconsin, Platteville	Pass	11.18	3
University of Minnesota, Duluth	Pass	14.87	4
Marquette University	Pass	21.43	5
Milwaukee School of Engineering	Pass	23.22	6
Lakehead University	Pass	26.83	7
University of Minnesota, Twin Cities	Pass	33.47	8
Olivet Nazarene University	Pass	38.30	9
Illinois Institute of Technology	Pass	43.75	10
University of Wisconsin, Madison	Stopped	19.60	11
University of St. Thomas	Stopped	26.12	12
University of Illinois at Chicago	Stopped	198.50	13
Bradley University	Pass	0.00	NR
Northwestern University	Pass	0.00	NR
North Dakota State University	Stopped	187.25	NR

Lightness

Full Name	Loading Status	Weight (lbs)	Rank
University of Illinois at Urbana-Champaign	Pass	189.5	1
Illinois Institute of Technology	Pass	200.9	2
University of North Dakota	Pass	244.0	3
University of Wisconsin, Platteville	Pass	273.8	4
University of Minnesota, Twin Cities	Pass	360.8	5
University of Minnesota, Duluth	Pass	364.8	6
Marquette University	Pass	376.1	7
Milwaukee School of Engineering	Pass	399.3	8
Olivet Nazarene University	Pass	500.7	9
Lakehead University	Pass	859.1	10
University of Wisconsin, Madison	Stopped	277.0	11
University of Illinois at Chicago	Stopped	756.0	12
University of St. Thomas	Stopped	956.8	13
Bradley University	Pass	0.0	NR
Northwestern University	Pass	0.0	NR
North Dakota State University	Stopped	675.6	NR

Aesthetics

Full Name	Loading Status	Score	Rank
University of Minnesota, Duluth	Omitted	Omitted	1
Lakehead University	Omitted	Omitted	2
University of Wisconsin, Madison	Omitted	Omitted	3
University of Minnesota, Twin Cities	Omitted	Omitted	4
University of Wisconsin, Platteville	Omitted	Omitted	5
Illinois Institute of Technology	Omitted	Omitted	6
University of North Dakota	Omitted	Omitted	7
Milwaukee School of Engineering	Omitted	Omitted	8
University of Illinois at Urbana-Champaign	Omitted	Omitted	9
Olivet Nazarene University	Omitted	Omitted	10
Marquette University	Omitted	Omitted	11
North Dakota State University	Omitted	Omitted	12
University of St. Thomas	Omitted	Omitted	13
University of Illinois at Chicago	Omitted	Omitted	14
Bradley University	Omitted	Omitted	15
Northwestern University	Omitted	Omitted	-1

Stiffness

Full Name	Loading Status	Agg D (in)	Rank
University of Wisconsin, Platteville	Pass	0.30	1
University of Minnesota, Duluth	Pass	0.54	2
University of North Dakota	Pass	0.73	3
Milwaukee School of Engineering	Pass	0.98	4
Marquette University	Pass	1.21	5
University of Illinois at Urbana-Champaign	Pass	1.28	6
Lakehead University	Pass	1.37	7
University of Minnesota, Twin Cities	Pass	1.50	8
Illinois Institute of Technology	Pass	1.71	9
Olivet Nazarene University	Pass	2.62	10
University of Wisconsin, Madison	Stopped	10.00	11
University of St. Thomas	Stopped	10.00	12
University of Illinois at Chicago	Stopped	10.00	13
Bradley University	Pass	0.00	NR
Northwestern University	Pass	0.00	NR
North Dakota State University	Stopped	10.00	NR

Cost Estimate

Full Name	Loading Status	Estimate	Rank
University of North Dakota	Pass	\$ 1,996.61	1
University of Minnesota, Duluth	Pass	\$ 84,232.76	2
University of Wisconsin, Platteville	Pass	\$ 412,258.14	3
University of Illinois at Urbana-Champaign	Pass	\$ 973,189.04	4
Milwaukee School of Engineering	Pass	\$ 998,448.15	5
Illinois Institute of Technology	Pass	\$ 1,418,998.06	6
Marquette University	Pass	\$ 3,914,345.01	7
Olivet Nazarene University	Pass	\$ 4,744,656.52	8
Lakehead University	Pass	\$ 5,704,688.71	9
University of Minnesota, Twin Cities	Pass	\$ 6,531,932.87	10
University of Illinois at Chicago	Stopped	\$ 36,133,826.72	11
University of Wisconsin, Madison	Stopped	\$ 51,316,452.31	12
University of St. Thomas	Stopped	\$ 67,516,862.65	13
Bradley University	Pass	\$ -	NR
Northwestern University	Pass	\$ -	NR
North Dakota State University	Stopped	\$ 48,852,814.13	NR

Economy

Full Name	Loading Status	Cc	Rank
University of North Dakota	Pass	\$ 5,166,500.00	1
University of Wisconsin, Platteville	Pass	\$ 6,410,000.00	2
University of Illinois at Urbana-Champaign	Pass	\$ 7,373,000.00	3
University of Minnesota, Duluth	Pass	\$ 10,876,000.00	4
Milwaukee School of Engineering	Pass	\$ 15,829,000.00	5
University of Minnesota, Twin Cities	Pass	\$ 19,744,000.00	6
Marquette University	Pass	\$ 20,944,500.00	7
Olivet Nazarene University	Pass	\$ 26,220,000.00	8
Lakehead University	Pass	\$ 29,045,000.00	9
Illinois Institute of Technology	Pass	\$ 41,430,000.00	10
University of Wisconsin, Madison	Stopped	\$ 6,981,000.00	11
University of St. Thomas	Stopped	\$ 23,579,000.00	12
University of Illinois at Chicago	Stopped	\$ 189,150,000.00	13
Bradley University	Pass	\$ 0.00	NR
Northwestern University	Pass	\$ (0.00)	NR
North Dakota State University	Stopped	\$ 239,775,000.00	NR

Efficiency

Full Name	Loading Status	Cs	Rank
University of Wisconsin, Platteville	Pass	\$ 3,296,104.86	1
University of North Dakota	Pass	\$ 4,582,247.14	2
University of Minnesota, Duluth	Pass	\$ 5,289,767.24	3
University of Illinois at Urbana-Champaign	Pass	\$ 6,127,062.04	4
Milwaukee School of Engineering	Pass	\$ 6,772,551.85	5
Marquette University	Pass	\$ 7,056,029.01	6
Illinois Institute of Technology	Pass	\$ 7,988,998.06	7
University of Minnesota, Twin Cities	Pass	\$ 8,237,732.87	8
Olivet Nazarene University	Pass	\$ 13,718,946.52	9
Lakehead University	Pass	\$ 14,011,976.71	10
University of Wisconsin, Madison	Stopped	\$ 62,032,482.81	11
University of Illinois at Chicago	Stopped	\$ 65,583,826.72	12
University of St. Thomas	Stopped	\$ 67,054,862.65	13
Bradley University	Pass	\$ 0.00	NR
Northwestern University	Pass	\$ (0.00)	NR
North Dakota State University	Stopped	\$ 63,438,203.13	NR

Overall

Full Name	Loading Status	Cc + Cs	Rank
University of Wisconsin, Platteville	Pass	\$ 9,706,104.86	1
University of North Dakota	Pass	\$ 9,748,747.14	2
University of Illinois at Urbana-Champaign	Pass	\$ 13,500,062.04	3
University of Minnesota, Duluth	Pass	\$ 16,165,767.24	4
Milwaukee School of Engineering	Pass	\$ 22,601,551.85	5
University of Minnesota, Twin Cities	Pass	\$ 27,981,732.87	6
Marquette University	Pass	\$ 28,000,529.01	7
Olivet Nazarene University	Pass	\$ 39,938,946.52	8
Lakehead University	Pass	\$ 43,056,976.71	9
Illinois Institute of Technology	Pass	\$ 49,418,998.06	10
University of Wisconsin, Madison	Stopped	\$ 69,013,482.81	11
University of St. Thomas	Stopped	\$ 90,633,862.65	12
University of Illinois at Chicago	Stopped	\$ 254,733,826.72	13
Bradley University	Pass	\$ 0.00	NR
Northwestern University	Pass	\$ (0.00)	NR
North Dakota State University	Stopped	\$ 303,213,203.13	NR