



Student Steel Bridge Competition - Category Ranking

Competition:	Upstate New York-Canada
Location:	Ithaca, New York
Date:	Friday, April 22, 2022
Die Roll Result:	1

Not Ranked

Full Name	Ineligibility	Reason
SUNY Polytechnic Institute, Utica	9.3	Excessive dimensional violation
Rensselaer Polytechnic Institute	10.8.2	Construction Time Limit Exceeded.
United States Military Academy	9.2.1	Bridge does not provide continuous stringers along both sides.
SUNY College of Technology at Canton	None	
Clarkson University	None	
Cornell University	None	
University at Buffalo	None	

Construction Speed

Full Name	Time (minutes)	Rank
University at Buffalo	6.17	1
SUNY College of Technology at Canton	13.53	2
Cornell University	16.73	3
Clarkson University	25.53	4
United States Military Academy	29.33	NR
SUNY Polytechnic Institute, Utica	220.75	NR
Rensselaer Polytechnic Institute	9999.00	NR

Lightness

Full Name	Weight (lbs)	Rank
University at Buffalo	135.3	1
Cornell University	168.7	2
SUNY College of Technology at Canton	264.9	3
Clarkson University	269.1	4
United States Military Academy	962.3	NR
SUNY Polytechnic Institute, Utica	1628.2	NR
Rensselaer Polytechnic Institute	274.0	NR

Aesthetics

Full Name	Score	Rank
Clarkson University	14.00	1
United States Military Academy	13.00	2
SUNY College of Technology at Canton	12.00	3
Cornell University	11.00	4
Rensselaer Polytechnic Institute	10.00	5
SUNY Polytechnic Institute, Utica	9.00	6
University at Buffalo	8.00	7

Stiffness

Full Name	Agg D (in)	Rank
Clarkson University	0.36	1
University at Buffalo	0.44	2
Cornell University	0.48	3
SUNY College of Technology at Canton	0.61	4
United States Military Academy	3.79	NR
SUNY Polytechnic Institute, Utica	2.26	NR
Rensselaer Polytechnic Institute	0.65	NR

Cost Estimate

Full Name	Estimate	Rank
University at Buffalo	\$ 996,500.00	1
SUNY College of Technology at Canton	\$ 1,248,968.37	2
Clarkson University	\$ 2,259,084.70	3
Cornell University	\$ 2,428,826.23	4
United States Military Academy	\$ 28,975,654.10	NR
SUNY Polytechnic Institute, Utica	\$ 88,800,620.60	NR
Rensselaer Polytechnic Institute	\$ 4,202,660,777.00	NR

Economy

Full Name	Cc	Rank
University at Buffalo	\$ 1,302,500.00	1
SUNY College of Technology at Canton	\$ 4,736,666.67	2
Cornell University	\$ 6,419,166.67	3
Clarkson University	\$ 10,634,000.00	4
United States Military Academy	\$ 14,580,000.00	NR
SUNY Polytechnic Institute, Utica	\$ 73,830,000.00	NR
Rensselaer Polytechnic Institute	\$ 4,199,580,000.00	NR

Efficiency

Full Name	Cs	Rank
University at Buffalo	\$ 1,386,000.00	1
Cornell University	\$ 1,667,827.10	2
Clarkson University	\$ 2,126,460.30	3
SUNY College of Technology at Canton	\$ 2,812,301.70	4
United States Military Academy	\$ 26,374,295.90	NR
SUNY Polytechnic Institute, Utica	\$ 14,970,620.60	NR
Rensselaer Polytechnic Institute	\$ 3,080,792.00	NR

Overall

Full Name	Cc + Cs	Rank
University at Buffalo	\$ 2,688,500.00	1
SUNY College of Technology at Canton	\$ 7,548,968.37	2
Cornell University	\$ 8,086,993.77	3
Clarkson University	\$ 12,760,460.30	4
United States Military Academy	\$ 40,954,295.90	NR
SUNY Polytechnic Institute, Utica	\$ 88,800,620.60	NR
Rensselaer Polytechnic Institute	\$ 4,202,660,792.00	NR



Student Steel Bridge Competition - Category Ranking

Competition:	Carolinas
Location:	Raleigh, North Carolina
Date:	Saturday, April 2, 2022
Die Roll Result:	6

Not Ranked

Full Name	Ineligibility	Reason
North Carolina State University	9.4	Connections cannot be fixed within five minute limit
Clemson University	9.4	Connections cannot be fixed within five minute limit

Construction Speed

Full Name	Time (minutes)	Rank
North Carolina State University	201.75	NR
Clemson University	207.50	NR

Lightness

Full Name	Weight (lbs)	Rank
North Carolina State University	500.0	NR
Clemson University	666.7	NR

Aesthetics

Full Name	Score	Rank
North Carolina State University	9.33	1
Clemson University	8.50	2

Stiffness

Full Name	Agg D (in)	Rank
North Carolina State University	0.00	NR
Clemson University	1.70	NR

Cost Estimate

Full Name	Estimate	Rank
North Carolina State University	\$ 64,420,000.00	NR
Clemson University	\$ 48,516,200.00	NR

Economy

Full Name	Cc	Rank
North Carolina State University	\$ 82,920,000.00	NR
Clemson University	\$ 57,000,000.00	NR

Efficiency

Full Name	Cs	Rank
North Carolina State University	\$ 2,500,000.00	NR
Clemson University	\$ 9,516,200.00	NR

Overall

Full Name	Cc + Cs	Rank
North Carolina State University	\$ 85,420,000.00	NR
Clemson University	\$ 66,516,200.00	NR



Student Steel Bridge Competition - Category Ranking

Competition:	Northeast
Location:	Storrs, Connecticut
Date:	Saturday, April 23, 2022
Die Roll Result:	1

Not Ranked

Full Name	Ineligibility	Reason
Merrimack College	9.3	Excessive dimensional violation
Wentworth Institute of Technology	9.4	Connections cannot be fixed within five minute limit
University of Massachusetts, Amherst	9.4	Connections cannot be fixed within five minute limit
University of Massachusetts, Lowell	11.4	Failed lateral load test
Western New England University	11.5	Excessive deflection/sway or loading stopped by judges
University of Connecticut	None	
Norwich University	None	
Tufts University	None	
Northeastern University	None	
University of Maine	None	

Construction Speed

Full Name	Time (minutes)	Rank
Norwich University	20.38	1
University of Connecticut	20.93	2
Tufts University	25.68	3
Northeastern University	29.38	4
University of Maine	51.23	5
Wentworth Institute of Technology	465.67	NR
University of Massachusetts, Lowell	14.82	NR
University of Massachusetts, Amherst	9999.00	NR
Western New England University	62.92	NR
Merrimack College	61.00	NR

Lightness

Full Name	Weight (lbs)	Rank
Tufts University	183.8	1
University of Connecticut	191.0	2
Norwich University	298.1	3
Northeastern University	454.8	4
University of Maine	607.0	5
Wentworth Institute of Technology	780.4	NR
University of Massachusetts, Lowell	763.0	NR
University of Massachusetts, Amherst	507.2	NR
Western New England University	982.5	NR
Merrimack College	260.5	NR

Aesthetics

Full Name	Score	Rank
University of Maine	12.83	1
Tufts University	12.33	2
University of Connecticut	12.33	3
Western New England University	11.67	4
Northeastern University	11.67	5
University of Massachusetts, Lowell	11.17	6
University of Massachusetts, Amherst	10.50	7
Norwich University	10.33	8
Merrimack College	10.33	8
Wentworth Institute of Technology	8.00	10

Stiffness

Full Name	Agg D (in)	Rank
University of Connecticut	0.67	1
University of Maine	0.73	2
Northeastern University	1.51	3
Norwich University	1.87	4
Tufts University	2.46	5
Wentworth Institute of Technology	2.34	NR
University of Massachusetts, Lowell	0.00	NR
University of Massachusetts, Amherst	0.00	NR
Western New England University	0.00	NR
Merrimack College	2.68	NR

Cost Estimate

Full Name	Estimate	Rank
Northeastern University	\$ 343,811.73	1
University of Connecticut	\$ 843,486.33	2
Tufts University	\$ 1,937,322.07	3
University of Maine	\$ 4,717,166.67	4
Norwich University	\$ 7,657,216.97	5
Wentworth Institute of Technology	\$ 105,726,200.00	NR
University of Massachusetts, Lowell	\$ 577,649.00	NR
University of Massachusetts, Amherst	\$ 4,198,985,007.60	NR
Western New England University	\$ 17,164,122.50	NR
Merrimack College	\$ 10,969,596.50	NR

Economy

Full Name	Cc	Rank
University of Connecticut	\$ 6,091,333.33	1
Norwich University	\$ 6,804,166.67	2
Northeastern University	\$ 8,847,333.33	3
Tufts University	\$ 8,906,666.67	4
University of Maine	\$ 15,826,666.67	5
Wentworth Institute of Technology	\$ 116,505,000.00	NR
University of Massachusetts, Lowell	\$ 5,998,000.00	NR
University of Massachusetts, Amherst	\$ 4,200,280,000.00	NR
Western New England University	\$ 22,260,000.00	NR
Merrimack College	\$ 16,620,000.00	NR

Efficiency

Full Name	Cs	Rank
University of Connecticut	\$ 2,452,153.00	1
Northeastern University	\$ 6,496,478.40	2
Norwich University	\$ 7,124,617.30	3
Tufts University	\$ 8,030,655.40	4
University of Maine	\$ 8,090,500.00	5
Wentworth Institute of Technology	\$ 13,021,400.00	NR
University of Massachusetts, Lowell	\$ 3,241,649.00	NR
University of Massachusetts, Amherst	\$ 1,976,647.60	NR
Western New England University	\$ 4,604,122.50	NR
Merrimack College	\$ 9,362,796.50	NR

Overall

Full Name	Cc + Cs	Rank
University of Connecticut	\$ 8,543,486.33	1
Norwich University	\$ 13,928,783.97	2
Northeastern University	\$ 15,343,811.73	3
Tufts University	\$ 16,937,322.07	4
University of Maine	\$ 23,917,166.67	5
Wentworth Institute of Technology	\$ 129,526,400.00	NR
University of Massachusetts, Lowell	\$ 9,239,649.00	NR
University of Massachusetts, Amherst	\$ 4,202,256,647.60	NR
Western New England University	\$ 26,864,122.50	NR
Merrimack College	\$ 25,982,796.50	NR



Student Steel Bridge Competition - Category Ranking

Competition:	Pacific Northwest
Location:	Vancouver, Washington
Date:	Friday, April 22, 2022
Die Roll Result:	5

Not Ranked

Full Name	Ineligibility	Reason
Oregon Institute of Technology	11.4	Failed lateral load test
University of British Columbia	11.5	Excessive deflection/sway or loading stopped by judges
Portland State University	11.5	Excessive deflection/sway or loading stopped by judges
University of Alaska, Fairbanks	None	
University of Idaho	None	
University of Alaska, Anchorage	None	

Construction Speed

Full Name	Time (minutes)	Rank
University of Alaska, Fairbanks	5.95	1
University of Alaska, Anchorage	11.43	2
University of Idaho	181.25	3
Oregon Institute of Technology	25.90	NR
Portland State University	21.62	NR
University of British Columbia	23.95	NR

Lightness

Full Name	Weight (lbs)	Rank
University of Alaska, Fairbanks	145.0	1
University of Alaska, Anchorage	176.2	2
University of Idaho	450.0	3
Oregon Institute of Technology	138.5	NR
Portland State University	233.0	NR
University of British Columbia	167.3	NR

Aesthetics

Full Name	Score	Rank
Portland State University	7.83	1
University of Alaska, Fairbanks	7.83	2
University of Alaska, Anchorage	7.67	3
Oregon Institute of Technology	7.67	4
University of British Columbia	7.33	5
University of Idaho	6.33	6

Stiffness

Full Name	Agg D (in)	Rank
University of Alaska, Fairbanks	0.23	1
University of Alaska, Anchorage	0.29	2
University of Idaho	1.04	3
Oregon Institute of Technology	0.00	NR
Portland State University	1.69	NR
University of British Columbia	0.00	NR

Cost Estimate

Full Name	Estimate	Rank
University of Alaska, Fairbanks	\$ 427,730.00	1
University of Alaska, Anchorage	\$ 652,749.10	2
University of Idaho	\$ 58,700,995.00	3
Oregon Institute of Technology	\$ 2,449,215.00	NR
Portland State University	\$ 6,573,781.67	NR
University of British Columbia	\$ 5,086,671.90	NR

Economy

Full Name	Cc	Rank
University of Alaska, Fairbanks	\$ 1,249,500.00	1
University of Alaska, Anchorage	\$ 2,423,500.00	2
University of Idaho	\$ 63,300,000.00	3
Oregon Institute of Technology	\$ 7,132,000.00	NR
Portland State University	\$ 6,942,666.67	NR
University of British Columbia	\$ 7,696,000.00	NR

Efficiency

Full Name	Cs	Rank
University of Alaska, Fairbanks	\$ 724,500.00	1
University of Alaska, Anchorage	\$ 1,131,824.60	2
University of Idaho	\$ 5,109,300.00	3
Oregon Institute of Technology	\$ 0.00	NR
Portland State University	\$ 6,015,139.00	NR
University of British Columbia	\$ 144,160.90	NR

Overall

Full Name	Cc + Cs	Rank
University of Alaska, Fairbanks	\$ 1,974,000.00	1
University of Alaska, Anchorage	\$ 3,555,324.60	2
University of Idaho	\$ 68,409,300.00	3
Oregon Institute of Technology	\$ 7,132,000.00	NR
Portland State University	\$ 12,957,805.67	NR
University of British Columbia	\$ 7,840,160.90	NR



Student Steel Bridge Competition - Category Ranking

Competition:	Mid-America
Location:	Ames, Iowa
Date:	Friday, April 22, 2022
Die Roll Result:	3

Not Ranked

Full Name	Ineligibility	Reason
Missouri State University	9.3	Excessive dimensional violation
Southern Illinois University, Carbondale	9.3	Excessive dimensional violation
University of Missouri, Columbia	9.3	Excessive dimensional violation
Iowa State University	9.4	Connections cannot be fixed within five minute limit
South Dakota State University	9.4	Connections cannot be fixed within five minute limit
William Jewell College	11.4	Failed lateral load test
Kansas State University	None	
Missouri University of Science and Technology	None	

Construction Speed

Full Name	Time (minutes)	Rank
Missouri University of Science and Technology	9.05	1
Kansas State University	10.28	2
Iowa State University	187.38	NR
South Dakota State University	33.13	NR
William Jewell College	5.97	NR
Missouri State University	29.92	NR
Southern Illinois University, Carbondale	19.23	NR
University of Missouri, Columbia	15.42	NR

Lightness

Full Name	Weight (lbs)	Rank
Kansas State University	312.6	1
Missouri University of Science and Technology	895.9	2
Iowa State University	556.8	NR
South Dakota State University	368.7	NR
William Jewell College	268.0	NR
Missouri State University	421.9	NR
Southern Illinois University, Carbondale	1538.2	NR
University of Missouri, Columbia	1369.6	NR

Aesthetics

Full Name	Score	Rank
South Dakota State University	15.00	1
Missouri State University	14.00	2
Missouri University of Science and Technology	13.00	3
Iowa State University	11.00	4
Southern Illinois University, Carbondale	9.00	5
Kansas State University	7.00	6
University of Missouri, Columbia	5.00	7
William Jewell College	3.00	8

Stiffness

Full Name	Agg D (in)	Rank
Missouri University of Science and Technology	0.49	1
Kansas State University	1.58	2
Iowa State University	1.51	NR
South Dakota State University	0.95	NR
William Jewell College	0.00	NR
Missouri State University	0.00	NR
Southern Illinois University, Carbondale	1.26	NR
University of Missouri, Columbia	1.01	NR

Cost Estimate

Full Name	Estimate	Rank
Kansas State University	\$ 163,047.53	1
Missouri University of Science and Technology	\$ 3,456,964.70	2
Iowa State University	\$ 47,619,806.07	NR
South Dakota State University	\$ 2,929,032.90	NR
William Jewell College	\$ 6,934,006.00	NR
Missouri State University	\$ 14,234,400.00	NR
Southern Illinois University, Carbondale	\$ 14,438,675.60	NR
University of Missouri, Columbia	\$ 85,985,211.53	NR

Economy

Full Name	Cc	Rank
Missouri University of Science and Technology	\$ 3,531,000.00	1
Kansas State University	\$ 3,571,666.67	2
Iowa State University	\$ 45,756,666.67	NR
South Dakota State University	\$ 12,656,000.00	NR
William Jewell College	\$ 2,416,000.00	NR
Missouri State University	\$ 11,790,000.00	NR
Southern Illinois University, Carbondale	\$ 7,898,000.00	NR
University of Missouri, Columbia	\$ 4,286,666.67	NR

Efficiency

Full Name	Cs	Rank
Missouri University of Science and Technology	\$ 5,625,964.70	1
Kansas State University	\$ 6,265,285.80	2
Iowa State University	\$ 7,063,139.40	NR
South Dakota State University	\$ 4,414,967.10	NR
William Jewell College	\$ 649,994.00	NR
Missouri State University	\$ 2,444,400.00	NR
Southern Illinois University, Carbondale	\$ 11,087,315.60	NR
University of Missouri, Columbia	\$ 9,728,121.80	NR

Overall

Full Name	Cc + Cs	Rank
Missouri University of Science and Technology	\$ 9,156,964.70	1
Kansas State University	\$ 9,836,952.47	2
Iowa State University	\$ 52,819,806.07	NR
South Dakota State University	\$ 17,070,967.10	NR
William Jewell College	\$ 3,065,994.00	NR
Missouri State University	\$ 14,234,400.00	NR
Southern Illinois University, Carbondale	\$ 18,985,315.60	NR
University of Missouri, Columbia	\$ 14,014,788.47	NR



Student Steel Bridge Competition - Category Ranking

Competition:	Virginias
Location:	Lexington, Virginia
Date:	Saturday, April 9, 2022
Die Roll Result:	1

Not Ranked

Full Name	Ineligibility	Reason
Old Dominion University	9.3	Excessive dimensional violation
Virginia Military Institute	9.3	Excessive dimensional violation
James Madison University	9.3	Excessive dimensional violation
Marshall University	11.4	Failed lateral load test
Virginia Polytechnic Institute & State University	None	
West Virginia University	None	

Construction Speed

Full Name	Time (minutes)	Rank
Virginia Polytechnic Institute & State University	11.05	1
West Virginia University	217.13	2
James Madison University	200.25	NR
Marshall University	31.05	NR
Old Dominion University	183.00	NR
Virginia Military Institute	246.00	NR

Lightness

Full Name	Weight (lbs)	Rank
Virginia Polytechnic Institute & State University	217.7	1
West Virginia University	800.3	2
James Madison University	591.5	NR
Marshall University	1437.0	NR
Old Dominion University	831.9	NR
Virginia Military Institute	3017.4	NR

Aesthetics

Full Name	Score	Rank
Virginia Polytechnic Institute & State University	14.00	1
James Madison University	11.50	2
West Virginia University	11.00	3
Old Dominion University	11.00	4
Marshall University	10.50	5
Virginia Military Institute	10.00	6

Stiffness

Full Name	Agg D (in)	Rank
Virginia Polytechnic Institute & State University	0.56	1
West Virginia University	0.56	2
James Madison University	2.41	NR
Marshall University	0.25	NR
Old Dominion University	6.00	NR
Virginia Military Institute	1.02	NR

Cost Estimate

Full Name	Estimate	Rank
Virginia Polytechnic Institute & State University	\$ 401,998.10	1
West Virginia University	\$ 62,854,138.90	2
James Madison University	\$ 71,948,500.00	NR
Marshall University	\$ 2,022,228.05	NR
Old Dominion University	\$ 112,045,400.00	NR
Virginia Military Institute	\$ 96,676,400.00	NR

Economy

Full Name	Cc	Rank
Virginia Polytechnic Institute & State University	\$ 5,830,000.00	1
West Virginia University	\$ 57,571,000.00	2
James Madison University	\$ 81,510,000.00	NR
Marshall University	\$ 13,551,000.00	NR
Old Dominion University	\$ 83,820,000.00	NR
Virginia Military Institute	\$ 92,840,000.00	NR

Efficiency

Full Name	Cs	Rank
Virginia Polytechnic Institute & State University	\$ 2,328,144.10	1
West Virginia University	\$ 5,283,139.90	2
James Madison University	\$ 11,319,500.00	NR
Marshall University	\$ 7,612,461.00	NR
Old Dominion University	\$ 34,274,400.00	NR
Virginia Military Institute	\$ 21,445,400.00	NR

Overall

Full Name	Cc + Cs	Rank
Virginia Polytechnic Institute & State University	\$ 8,158,144.10	1
West Virginia University	\$ 62,854,139.90	2
James Madison University	\$ 92,829,500.00	NR
Marshall University	\$ 21,163,461.00	NR
Old Dominion University	\$ 118,094,400.00	NR
Virginia Military Institute	\$ 114,285,400.00	NR



Student Steel Bridge Competition - Category Ranking

Competition:	Metropolitan
Location:	Piscataway, New Jersey
Date:	Saturday, April 9, 2022
Die Roll Result:	6

Not Ranked

Full Name	Ineligibility	Reason
New York University Tandon School of Engineering	4	Did not complete competition.
Manhattan College	9.3	Excessive dimensional violation
College of New Jersey	9.4	Connections cannot be fixed within five minute limit
Cooper Union	9.4	Connections cannot be fixed within five minute limit
New Jersey Institute of Technology	9.4	Connections cannot be fixed within five minute limit
Rutgers University	11.4	Failed lateral load test

Construction Speed

Full Name	Time (minutes)	Rank
College of New Jersey	163.90	NR
Cooper Union	184.00	NR
Manhattan College	25.68	NR
New Jersey Institute of Technology	356.05	NR
New York University Tandon School of Engineering	0.00	NR
Rutgers University	29.25	NR

Lightness

Full Name	Weight (lbs)	Rank
College of New Jersey	263.7	NR
Cooper Union	400.0	NR
Manhattan College	247.8	NR
New Jersey Institute of Technology	297.6	NR
New York University Tandon School of Engineering	0.0	NR
Rutgers University	193.8	NR

Aesthetics

Full Name	Score	Rank
New York University Tandon School of Engineering	0.00	-1
College of New Jersey	12.83	1
Rutgers University	11.83	2
Manhattan College	11.83	3
New Jersey Institute of Technology	11.33	4
Cooper Union	9.33	5

Stiffness

Full Name	Agg D (in)	Rank
College of New Jersey	0.50	NR
Cooper Union	0.00	NR
Manhattan College	0.87	NR
New Jersey Institute of Technology	0.34	NR
New York University Tandon School of Engineering	0.00	NR
Rutgers University	0.00	NR

Cost Estimate

Full Name	Estimate	Rank
College of New Jersey	\$ 34,130,726.27	NR
Cooper Union	\$ 58,910,000.00	NR
Manhattan College	\$ 4,914,557.40	NR
New Jersey Institute of Technology	\$ 60,825,290.80	NR
New York University Tandon School of Engineering	\$ 100,000.00	NR
Rutgers University	\$ 4,467,500.00	NR

Economy

Full Name	Cc	Rank
College of New Jersey	\$ 42,177,500.00	NR
Cooper Union	\$ 76,910,000.00	NR
Manhattan College	\$ 10,147,000.00	NR
New Jersey Institute of Technology	\$ 88,591,000.00	NR
New York University Tandon School of Engineering	\$ (0.00)	NR
Rutgers University	\$ 10,182,500.00	NR

Efficiency

Full Name	Cs	Rank
College of New Jersey	\$ 2,522,462.10	NR
Cooper Union	\$ 2,000,000.00	NR
Manhattan College	\$ 3,488,807.40	NR
New Jersey Institute of Technology	\$ 2,234,290.80	NR
New York University Tandon School of Engineering	\$ (0.00)	NR
Rutgers University	\$ 350,000.00	NR

Overall

Full Name	Cc + Cs	Rank
College of New Jersey	\$ 44,699,962.10	NR
Cooper Union	\$ 78,910,000.00	NR
Manhattan College	\$ 13,635,807.40	NR
New Jersey Institute of Technology	\$ 90,825,290.80	NR
New York University Tandon School of Engineering	\$ (0.00)	NR
Rutgers University	\$ 10,532,500.00	NR



Student Steel Bridge Competition - Category Ranking

Competition:	Eastern Great Lakes
Location:	Athens, Ohio
Date:	Saturday, April 2, 2022
Die Roll Result:	4

Not Ranked

Full Name	Ineligibility	Reason
University of Akron	4	Did not complete competition.
Lawrence Technological University	9.4	Connections cannot be fixed within five minute limit
Ohio State University	9.4	Connections cannot be fixed within five minute limit
Ohio University	9.4	Connections cannot be fixed within five minute limit
University of Cincinnati	9.4	Connections cannot be fixed within five minute limit
University of Michigan	9.4	Connections cannot be fixed within five minute limit
Cleveland State University	None	
Michigan Technological University	None	
Ohio Northern University	None	
Youngstown State University	None	

Construction Speed

Full Name	Time (minutes)	Rank
Youngstown State University	6.87	1
Michigan Technological University	6.98	2
Ohio Northern University	16.25	3
Cleveland State University	33.82	4
Lawrence Technological University	30.27	NR
Ohio State University	60.57	NR
Ohio University	33.92	NR
University of Akron	0.00	NR
University of Cincinnati	13.90	NR
University of Michigan	38.67	NR

Lightness

Full Name	Weight (lbs)	Rank
Cleveland State University	240.7	1
Youngstown State University	248.0	2
Ohio Northern University	258.7	3
Michigan Technological University	378.5	4
Lawrence Technological University	690.0	NR
Ohio State University	191.6	NR
Ohio University	494.7	NR
University of Akron	0.0	NR
University of Cincinnati	160.3	NR
University of Michigan	175.1	NR

Aesthetics

Full Name	Score	Rank
University of Akron	0.00	-1
Ohio Northern University	15.00	1
Ohio University	14.50	2
Ohio State University	14.00	3
Youngstown State University	13.50	4
Cleveland State University	13.50	5
Michigan Technological University	13.50	6
University of Michigan	13.50	7
University of Cincinnati	12.50	8
Lawrence Technological University	8.50	9

Stiffness

Full Name	Agg D (in)	Rank
Youngstown State University	0.39	1
Cleveland State University	0.52	2
Michigan Technological University	0.64	3
Ohio Northern University	2.45	4
Lawrence Technological University	0.00	NR
Ohio State University	0.00	NR
Ohio University	0.00	NR
University of Akron	0.00	NR
University of Cincinnati	0.00	NR
University of Michigan	0.00	NR

Cost Estimate

Full Name	Estimate	Rank
Michigan Technological University	\$ 1,732,926.17	1
Youngstown State University	\$ 1,802,763.17	2
Cleveland State University	\$ 2,786,943.10	3
Ohio Northern University	\$ 7,288,344.10	4
Lawrence Technological University	\$ 56,196,300.00	NR
Ohio State University	\$ 8,775,333.20	NR
Ohio University	\$ 13,252,532.33	NR
University of Akron	\$ 1.00	NR
University of Cincinnati	\$ 3,610,830.10	NR
University of Michigan	\$ 13,114,328.30	NR

Economy

Full Name	Cc	Rank
Michigan Technological University	\$ 2,389,166.67	1
Youngstown State University	\$ 2,670,833.33	2
Ohio Northern University	\$ 4,510,000.00	3
Cleveland State University	\$ 13,328,000.00	4
Lawrence Technological University	\$ 15,537,000.00	NR
Ohio State University	\$ 20,208,000.00	NR
Ohio University	\$ 10,633,333.33	NR
University of Akron	\$ (0.00)	NR
University of Cincinnati	\$ 5,077,500.00	NR
University of Michigan	\$ 15,120,000.00	NR

Efficiency

Full Name	Cs	Rank
Youngstown State University	\$ 1,745,164.00	1
Cleveland State University	\$ 2,327,143.10	2
Michigan Technological University	\$ 3,253,490.50	3
Ohio Northern University	\$ 8,489,977.10	4
Lawrence Technological University	\$ 3,450,000.00	NR
Ohio State University	\$ 346,652.80	NR
Ohio University	\$ 2,619,200.00	NR
University of Akron	\$ (0.00)	NR
University of Cincinnati	\$ 85,829.90	NR
University of Michigan	\$ 209,158.30	NR

Overall

Full Name	Cc + Cs	Rank
Youngstown State University	\$ 4,415,997.33	1
Michigan Technological University	\$ 5,642,657.17	2
Ohio Northern University	\$ 12,999,977.10	3
Cleveland State University	\$ 15,655,143.10	4
Lawrence Technological University	\$ 18,987,000.00	NR
Ohio State University	\$ 20,554,652.80	NR
Ohio University	\$ 13,252,533.33	NR
University of Akron	\$ (0.00)	NR
University of Cincinnati	\$ 5,163,329.90	NR
University of Michigan	\$ 15,329,158.30	NR



Student Steel Bridge Competition - Category Ranking

Competition:	ASCE Region 6
Location:	Houston, Texas
Date:	Friday, April 1, 2022
Die Roll Result:	4

Not Ranked

Full Name	Ineligibility	Reason
University of Texas at El Paso	3	Bridge is unsuitable for intended purpose
University of Texas, Rio Grande Valley	9.3	Excessive dimensional violation
University of Oklahoma	9.4	Connections cannot be fixed within five minute limit
New Mexico Institute of Mining and Technology	11.5	Excessive deflection/sway or loading stopped by judges
University of Texas at Arlington	11.5	Excessive deflection/sway or loading stopped by judges
University of Texas at Tyler, Houston Engineering Center	11.5	Excessive deflection/sway or loading stopped by judges
University of Texas at Austin	None	
Universidad Nacional Autónoma de Mexico	None	
Universidad Panamericana, Guadalajara	None	
West Texas A&M University	None	

Construction Speed

Full Name	Time (minutes)	Rank
West Texas A&M University	9.43	1
Universidad Nacional Autónoma de Mexico	12.85	2
Universidad Panamericana, Guadalajara	21.52	3
University of Texas at Austin	182.75	4
New Mexico Institute of Mining and Technology	120.58	NR
University of Oklahoma	249.78	NR
University of Texas at Arlington	26.32	NR
University of Texas at Tyler, Houston Engineering Center	62.23	NR
University of Texas, Rio Grande Valley	26.10	NR
University of Texas at El Paso	204.00	NR

Lightness

Full Name	Weight (lbs)	Rank
Universidad Nacional Autónoma de Mexico	222.9	1
Universidad Panamericana, Guadalajara	307.9	2
University of Texas at Austin	357.1	3
West Texas A&M University	431.6	4
New Mexico Institute of Mining and Technology	557.0	NR
University of Oklahoma	1573.0	NR
University of Texas at Arlington	525.7	NR
University of Texas at Tyler, Houston Engineering Center	425.0	NR
University of Texas, Rio Grande Valley	1086.3	NR
University of Texas at El Paso	1035.9	NR

Aesthetics

Full Name	Score	Rank
University of Texas at Tyler, Houston Engineering Center	14.00	1
West Texas A&M University	14.00	2
Universidad Panamericana, Guadalajara	13.67	3
Universidad Nacional Autónoma de Mexico	13.67	4
New Mexico Institute of Mining and Technology	13.00	5
University of Texas, Rio Grande Valley	13.00	6
University of Oklahoma	10.33	7
University of Texas at Austin	9.67	8
University of Texas at Arlington	8.33	9
University of Texas at El Paso	7.67	10

Stiffness

Full Name	Agg D (in)	Rank
West Texas A&M University	0.39	1
University of Texas at Austin	0.42	2
Universidad Nacional Autónoma de Mexico	0.88	3
Universidad Panamericana, Guadalajara	0.98	4
New Mexico Institute of Mining and Technology	3.76	NR
University of Oklahoma	0.50	NR
University of Texas at Arlington	0.00	NR
University of Texas at Tyler, Houston Engineering Center	0.00	NR
University of Texas, Rio Grande Valley	0.00	NR
University of Texas at El Paso	0.00	NR

Cost Estimate

Full Name	Estimate	Rank
West Texas A&M University	\$ 445,664.00	1
Universidad Nacional Autónoma de Mexico	\$ 5,194,336.70	2
Universidad Panamericana, Guadalajara	\$ 7,934,275.03	3
University of Texas at Austin	\$ 62,728,100.00	4
New Mexico Institute of Mining and Technology	\$ 49,260,516.00	NR
University of Oklahoma	\$ 64,771,484.00	NR
University of Texas at Arlington	\$ 12,143,828.10	NR
University of Texas at Tyler, Houston Engineering Center	\$ 13,056,001.33	NR
University of Texas, Rio Grande Valley	\$ 17,012,807.90	NR
University of Texas at El Paso	\$ 86,768,400.00	NR

Economy

Full Name	Cc	Rank
Universidad Nacional Autónoma de Mexico	\$ 3,838,000.00	1
West Texas A&M University	\$ 3,917,000.00	2
Universidad Panamericana, Guadalajara	\$ 6,375,833.33	3
University of Texas at Austin	\$ 76,960,000.00	4
New Mexico Institute of Mining and Technology	\$ 38,130,000.00	NR
University of Oklahoma	\$ 67,714,000.00	NR
University of Texas at Arlington	\$ 11,213,000.00	NR
University of Texas at Tyler, Houston Engineering Center	\$ 17,325,333.33	NR
University of Texas, Rio Grande Valley	\$ 13,077,000.00	NR
University of Texas at El Paso	\$ 82,760,000.00	NR

Efficiency

Full Name	Cs	Rank
Universidad Nacional Autónoma de Mexico	\$ 3,196,160.70	1
University of Texas at Austin	\$ 3,280,600.00	2
Universidad Panamericana, Guadalajara	\$ 4,002,820.70	3
West Texas A&M University	\$ 4,158,100.00	4
New Mexico Institute of Mining and Technology	\$ 24,302,291.00	NR
University of Oklahoma	\$ 8,916,644.00	NR
University of Texas at Arlington	\$ 1,930,828.10	NR
University of Texas at Tyler, Houston Engineering Center	\$ 1,491,655.00	NR
University of Texas, Rio Grande Valley	\$ 4,935,807.90	NR
University of Texas at El Paso	\$ 5,008,400.00	NR

Overall

Full Name	Cc + Cs	Rank
Universidad Nacional Autónoma de Mexico	\$ 7,034,160.70	1
West Texas A&M University	\$ 8,075,100.00	2
Universidad Panamericana, Guadalajara	\$ 10,378,654.03	3
University of Texas at Austin	\$ 80,240,600.00	4
New Mexico Institute of Mining and Technology	\$ 62,432,291.00	NR
University of Oklahoma	\$ 76,630,644.00	NR
University of Texas at Arlington	\$ 13,143,828.10	NR
University of Texas at Tyler, Houston Engineering Center	\$ 18,816,988.33	NR
University of Texas, Rio Grande Valley	\$ 18,012,807.90	NR
University of Texas at El Paso	\$ 87,768,400.00	NR



Student Steel Bridge Competition - Category Ranking

Competition:	Intermountain Southwest
Location:	Las Vegas, Nevada
Date:	Saturday, April 16, 2022
Die Roll Result:	5

Not Ranked

Full Name	Ineligibility	Reason
Arizona State University	9.4	Connections cannot be fixed within five minute limit
University of Arizona	9.4	Connections cannot be fixed within five minute limit
Utah State University	9.4	Connections cannot be fixed within five minute limit
Boise State University	11.5	Excessive deflection/sway or loading stopped by judges
Northern Arizona University	10.8.2	Construction Time Limit Exceeded.
University of Nevada, Reno	10.8.2	Construction Time Limit Exceeded.
University of Alaska, Anchorage	Guest	
University of Alaska, Fairbanks	Guest	
Brigham Young University	None	

Construction Speed

Full Name	Time (minutes)	Rank
Brigham Young University	19.33	1
University of Alaska, Fairbanks	9.03	NR
University of Alaska, Anchorage	11.23	NR
Arizona State University	188.15	NR
Boise State University	17.13	NR
Northern Arizona University	9999.00	NR
University of Arizona	18.58	NR
University of Nevada, Reno	9999.00	NR
Utah State University	12.22	NR

Lightness

Full Name	Weight (lbs)	Rank
Brigham Young University	197.8	1
University of Alaska, Fairbanks	145.5	NR
University of Alaska, Anchorage	175.0	NR
Arizona State University	1000.0	NR
Boise State University	260.0	NR
Northern Arizona University	0.0	NR
University of Arizona	210.0	NR
University of Nevada, Reno	70.0	NR
Utah State University	201.1	NR

Aesthetics

Full Name	Score	Rank
University of Alaska, Fairbanks	12.80	-1
University of Alaska, Anchorage	12.40	-1
Boise State University	11.80	1
Utah State University	10.20	2
Arizona State University	9.60	3
Brigham Young University	9.20	4
University of Nevada, Reno	9.00	5
University of Arizona	8.80	6
Northern Arizona University	4.80	7

Stiffness

Full Name	Agg D (in)	Rank
Brigham Young University	1.48	1
University of Alaska, Fairbanks	0.21	NR
University of Alaska, Anchorage	0.32	NR
Arizona State University	0.00	NR
Boise State University	5.72	NR
Northern Arizona University	0.00	NR
University of Arizona	0.00	NR
University of Nevada, Reno	0.00	NR
Utah State University	1.52	NR

Cost Estimate

Full Name	Estimate	Rank
Brigham Young University	\$ 3,709,667.07	1
University of Alaska, Anchorage	\$ 156,416.33	NR
University of Alaska, Fairbanks	\$ 190,300.00	NR
Arizona State University	\$ 35,873,020.00	NR
Boise State University	\$ 2,862,019.33	NR
Northern Arizona University	\$ 4,179,911,696.00	NR
University of Arizona	\$ 14,445,000.00	NR
University of Nevada, Reno	\$ 4,189,930,000.00	NR
Utah State University	\$ 478,352.03	NR

Economy

Full Name	Cc	Rank
Brigham Young University	\$ 7,034,166.67	1
University of Alaska, Fairbanks	\$ 1,927,000.00	NR
University of Alaska, Anchorage	\$ 3,135,333.33	NR
Arizona State University	\$ 50,858,000.00	NR
Boise State University	\$ 8,577,333.33	NR
Northern Arizona University	\$ 4,199,580,000.00	NR
University of Arizona	\$ 7,805,000.00	NR
University of Nevada, Reno	\$ 4,199,580,000.00	NR
Utah State University	\$ 3,380,666.67	NR

Efficiency

Full Name	Cs	Rank
Brigham Young University	\$ 5,060,317.40	1
University of Alaska, Fairbanks	\$ 661,500.00	NR
University of Alaska, Anchorage	\$ 1,216,325.00	NR
Arizona State University	\$ 5,000,000.00	NR
Boise State University	\$ 29,318,000.00	NR
Northern Arizona University	\$ 0.00	NR
University of Arizona	\$ 1,050,000.00	NR
University of Nevada, Reno	\$ 350,000.00	NR
Utah State University	\$ 5,147,156.30	NR

Overall

Full Name	Cc + Cs	Rank
Brigham Young University	\$ 12,094,484.07	1
University of Alaska, Fairbanks	\$ 2,588,500.00	NR
University of Alaska, Anchorage	\$ 4,351,658.33	NR
Arizona State University	\$ 55,858,000.00	NR
Boise State University	\$ 37,895,333.33	NR
Northern Arizona University	\$ 4,199,580,000.00	NR
University of Arizona	\$ 8,855,000.00	NR
University of Nevada, Reno	\$ 4,199,930,000.00	NR
Utah State University	\$ 8,527,822.97	NR



Student Steel Bridge Competition - Category Ranking

Competition:	Western Great Lakes
Location:	Champaign, Illinois
Date:	Saturday, April 9, 2022
Die Roll Result:	4

Not Ranked

Full Name	Ineligibility	Reason
University of St. Thomas	9.3	Excessive dimensional violation
North Dakota State University	9.3	Excessive dimensional violation
University of Minnesota, Twin Cities	9.3	Excessive dimensional violation
Illinois Institute of Technology	9.4	Connections cannot be fixed within five minute limit
University of Wisconsin, Platteville	9.4	Connections cannot be fixed within five minute limit
Bradley University	11.4	Failed lateral load test
University of Illinois at Chicago	11.4	Failed lateral load test
University of Illinois at Urbana-Champaign	11.4	Failed lateral load test
University of Wisconsin, Madison	11.5	Excessive deflection/sway or loading stopped by judges
Lakehead University	None	
University of Minnesota, Duluth	None	
University of North Dakota	None	
Marquette University	None	

Construction Speed

Full Name	Time (minutes)	Rank
Lakehead University	14.08	1
University of North Dakota	29.45	2
University of Minnesota, Duluth	30.70	3
Marquette University	32.05	4
Bradley University	16.45	NR
Illinois Institute of Technology	318.88	NR
University of Wisconsin, Madison	28.32	NR
University of St. Thomas	181.50	NR
University of Wisconsin, Platteville	12.05	NR
North Dakota State University	432.50	NR
University of Illinois at Chicago	32.52	NR
University of Illinois at Urbana-Champaign	8.95	NR
University of Minnesota, Twin Cities	39.75	NR

Lightness

Full Name	Weight (lbs)	Rank
Lakehead University	144.5	1
University of Minnesota, Duluth	169.2	2
University of North Dakota	419.9	3
Marquette University	440.8	4
Bradley University	374.4	NR
Illinois Institute of Technology	0.0	NR
University of Wisconsin, Madison	159.1	NR
University of St. Thomas	1159.7	NR
University of Wisconsin, Platteville	184.4	NR
North Dakota State University	879.2	NR
University of Illinois at Chicago	286.6	NR
University of Illinois at Urbana-Champaign	222.3	NR
University of Minnesota, Twin Cities	511.7	NR

Aesthetics

Full Name	Score	Rank
Lakehead University	12.17	1
Bradley University	11.33	2
University of Wisconsin, Madison	9.67	3
Marquette University	9.00	4
University of Illinois at Urbana-Champaign	8.67	5
University of North Dakota	8.17	6
University of Illinois at Chicago	7.17	7
Illinois Institute of Technology	6.83	8
University of Wisconsin, Platteville	6.33	9
North Dakota State University	5.17	10
University of St. Thomas	5.17	11
University of Minnesota, Duluth	5.00	12
University of Minnesota, Twin Cities	4.50	13

Stiffness

Full Name	Agg D (in)	Rank
Lakehead University	0.50	1
University of North Dakota	0.61	2
Marquette University	0.91	3
University of Minnesota, Duluth	1.21	4
Bradley University	0.00	NR
Illinois Institute of Technology	0.00	NR
University of Wisconsin, Madison	0.00	NR
University of St. Thomas	0.00	NR
University of Wisconsin, Platteville	1.28	NR
North Dakota State University	0.00	NR
University of Illinois at Chicago	0.00	NR
University of Illinois at Urbana-Champaign	0.00	NR
University of Minnesota, Twin Cities	0.00	NR

Cost Estimate

Full Name	Estimate	Rank
University of Minnesota, Duluth	\$ 428,506.40	1
Lakehead University	\$ 1,615,666.67	2
Marquette University	\$ 3,444,300.00	3
University of North Dakota	\$ 3,477,451.70	4
Bradley University	\$ 5,065,874.80	NR
Illinois Institute of Technology	\$ 41,701,000.00	NR
University of Wisconsin, Madison	\$ 2,090,330.00	NR
University of St. Thomas	\$ 31,797,497.10	NR
University of Wisconsin, Platteville	\$ 2,605,334.20	NR
North Dakota State University	\$ 130,759,973.60	NR
University of Illinois at Chicago	\$ 61,968,022.20	NR
University of Illinois at Urbana-Champaign	\$ 1,078,475.90	NR
University of Minnesota, Twin Cities	\$ 10,099,146.10	NR

Economy

Full Name	Cc	Rank
Lakehead University	\$ 5,574,166.67	1
University of Minnesota, Duluth	\$ 10,600,000.00	2
Marquette University	\$ 12,181,000.00	3
University of North Dakota	\$ 12,349,000.00	4
Bradley University	\$ 5,997,500.00	NR
Illinois Institute of Technology	\$ 82,566,000.00	NR
University of Wisconsin, Madison	\$ 12,098,000.00	NR
University of St. Thomas	\$ 77,360,000.00	NR
University of Wisconsin, Platteville	\$ 5,051,000.00	NR
North Dakota State University	\$ 137,600,000.00	NR
University of Illinois at Chicago	\$ 14,407,000.00	NR
University of Illinois at Urbana-Champaign	\$ 2,476,000.00	NR
University of Minnesota, Twin Cities	\$ 12,165,000.00	NR

Efficiency

Full Name	Cs	Rank
Lakehead University	\$ 1,575,000.00	1
University of North Dakota	\$ 3,503,976.70	2
University of Minnesota, Duluth	\$ 3,971,493.60	3
Marquette University	\$ 5,613,300.00	4
Bradley University	\$ 1,536,625.20	NR
Illinois Institute of Technology	\$ 0.00	NR
University of Wisconsin, Madison	\$ 100,000.00	NR
University of St. Thomas	\$ 5,414,130.10	NR
University of Wisconsin, Platteville	\$ 4,318,655.20	NR
North Dakota State University	\$ 3,909,973.60	NR
University of Illinois at Chicago	\$ 904,977.80	NR
University of Illinois at Urbana-Champaign	\$ 602,475.90	NR
University of Minnesota, Twin Cities	\$ 2,014,146.10	NR

Overall

Full Name	Cc + Cs	Rank
Lakehead University	\$ 7,149,166.67	1
University of Minnesota, Duluth	\$ 14,571,493.60	2
University of North Dakota	\$ 15,852,976.70	3
Marquette University	\$ 17,794,300.00	4
Bradley University	\$ 7,534,125.20	NR
Illinois Institute of Technology	\$ 82,566,000.00	NR
University of Wisconsin, Madison	\$ 12,198,000.00	NR
University of St. Thomas	\$ 82,774,130.10	NR
University of Wisconsin, Platteville	\$ 9,369,655.20	NR
North Dakota State University	\$ 141,509,973.60	NR
University of Illinois at Chicago	\$ 15,311,977.80	NR
University of Illinois at Urbana-Champaign	\$ 3,078,475.90	NR
University of Minnesota, Twin Cities	\$ 14,179,146.10	NR



Student Steel Bridge Competition - Category Ranking

Competition:	Southeast
Location:	Melbourne, Florida
Date:	Saturday, March 19, 2022
Die Roll Result:	4

Not Ranked

Full Name	Ineligibility	Reason
University of Central Florida	9.4	Connections cannot be fixed within five minute limit
Florida Institute of Technology	9.4	Connections cannot be fixed within five minute limit
Georgia Southern University	9.4	Connections cannot be fixed within five minute limit
Florida International University	9.4	Connections cannot be fixed within five minute limit
Georgia Institute of Technology	11.4	Failed lateral load test
University of South Florida	11.5	Excessive deflection/sway or loading stopped by judges
University of Puerto Rico, Mayagüez	None	
Kennesaw State University	None	
University of Florida	None	

Construction Speed

Full Name	Time (minutes)	Rank
University of Florida	4.70	1
Kennesaw State University	4.98	2
University of Puerto Rico, Mayagüez	5.20	3
University of Central Florida	19.88	NR
Florida Institute of Technology	41.20	NR
University of South Florida	25.60	NR
Georgia Southern University	34.52	NR
Florida International University	180.98	NR
Georgia Institute of Technology	9.40	NR

Lightness

Full Name	Weight (lbs)	Rank
Kennesaw State University	150.0	1
University of Puerto Rico, Mayagüez	157.6	2
University of Florida	158.1	3
University of Central Florida	450.0	NR
Florida Institute of Technology	214.3	NR
University of South Florida	600.7	NR
Georgia Southern University	638.5	NR
Florida International University	240.1	NR
Georgia Institute of Technology	192.9	NR

Aesthetics

Full Name	Score	Rank
University of Puerto Rico, Mayagüez	13.40	1
Florida Institute of Technology	10.80	2
Georgia Southern University	10.80	3
Georgia Institute of Technology	9.40	4
University of Central Florida	9.40	5
University of Florida	8.60	6
University of South Florida	8.20	7
Kennesaw State University	7.60	8
Florida International University	6.60	9

Stiffness

Full Name	Agg D (in)	Rank
University of Florida	0.38	1
Kennesaw State University	0.51	2
University of Puerto Rico, Mayagüez	0.74	3
University of Central Florida	0.00	NR
Florida Institute of Technology	0.00	NR
University of South Florida	7.44	NR
Georgia Southern University	0.00	NR
Florida International University	0.00	NR
Georgia Institute of Technology	0.00	NR

Cost Estimate

Full Name	Estimate	Rank
University of Florida	\$ 41,002.70	1
Kennesaw State University	\$ 219,333.33	2
University of Puerto Rico, Mayagüez	\$ 485,730.80	3
University of Central Florida	\$ 5,729,351.67	NR
Florida Institute of Technology	\$ 20,138,177.10	NR
University of South Florida	\$ 37,106,333.10	NR
Georgia Southern University	\$ 7,100,856.17	NR
Florida International University	\$ 39,625,334.97	NR
Georgia Institute of Technology	\$ 2,070,434.30	NR

Economy

Full Name	Cc	Rank
University of Florida	\$ 994,500.00	1
University of Puerto Rico, Mayagüez	\$ 1,436,000.00	2
Kennesaw State University	\$ 1,716,666.67	3
University of Central Florida	\$ 5,337,333.33	NR
Florida Institute of Technology	\$ 11,766,000.00	NR
University of South Florida	\$ 14,742,000.00	NR
Georgia Southern University	\$ 10,623,333.33	NR
Florida International University	\$ 43,984,166.67	NR
Georgia Institute of Technology	\$ 3,262,500.00	NR

Efficiency

Full Name	Cs	Rank
University of Florida	\$ 1,264,497.30	1
Kennesaw State University	\$ 1,606,500.00	2
University of Puerto Rico, Mayagüez	\$ 2,394,330.80	3
University of Central Florida	\$ 1,833,300.00	NR
Florida Institute of Technology	\$ 535,811.90	NR
University of South Florida	\$ 35,858,483.10	NR
Georgia Southern University	\$ 2,670,810.50	NR
Florida International University	\$ 634,148.30	NR
Georgia Institute of Technology	\$ 357,485.70	NR

Overall

Full Name	Cc + Cs	Rank
University of Florida	\$ 2,258,997.30	1
Kennesaw State University	\$ 3,323,166.67	2
University of Puerto Rico, Mayagüez	\$ 3,830,330.80	3
University of Central Florida	\$ 7,170,633.33	NR
Florida Institute of Technology	\$ 12,301,811.90	NR
University of South Florida	\$ 50,600,483.10	NR
Georgia Southern University	\$ 13,294,143.83	NR
Florida International University	\$ 44,618,314.97	NR
Georgia Institute of Technology	\$ 3,619,985.70	NR



Student Steel Bridge Competition - Category Ranking

Competition:	Rocky Mountain
Location:	Golden, Colorado
Date:	Friday, April 8, 2022
Die Roll Result:	1

Not Ranked

Full Name	Ineligibility	Reason
University of Colorado, Boulder	4	Did not complete competition.
Colorado Mesa University	11.4	Failed lateral load test
United States Air Force Academy	11.4	Failed lateral load test
Colorado State University	10.8.2	Construction Time Limit Exceeded.
South Dakota School of Mines and Technology	None	
Colorado School of Mines	None	

Construction Speed

Full Name	Time (minutes)	Rank
Colorado School of Mines	18.02	1
South Dakota School of Mines and Technology	87.72	2
Colorado Mesa University	22.68	NR
Colorado State University	9999.00	NR
United States Air Force Academy	15.75	NR
University of Colorado, Boulder	0.00	NR

Lightness

Full Name	Weight (lbs)	Rank
Colorado School of Mines	199.5	1
South Dakota School of Mines and Technology	304.6	2
Colorado Mesa University	20.0	NR
Colorado State University	300.0	NR
United States Air Force Academy	187.4	NR
University of Colorado, Boulder	0.0	NR

Aesthetics

Full Name	Score	Rank
University of Colorado, Boulder	0.00	-1
Colorado School of Mines	12.00	1
United States Air Force Academy	11.75	2
South Dakota School of Mines and Technology	11.50	3
Colorado Mesa University	10.75	4
Colorado State University	10.25	5

Stiffness

Full Name	Agg D (in)	Rank
South Dakota School of Mines and Technology	1.26	1
Colorado School of Mines	1.77	2
Colorado Mesa University	0.00	NR
Colorado State University	3.10	NR
United States Air Force Academy	1.07	NR
University of Colorado, Boulder	0.00	NR

Cost Estimate

Full Name	Estimate	Rank
Colorado School of Mines	\$ 47,349.83	1
South Dakota School of Mines and Technology	\$ 19,244,660.13	2
Colorado Mesa University	\$ 3,944,516.67	NR
Colorado State University	\$ 3,525,237,700.00	NR
United States Air Force Academy	\$ 8,094,500.00	NR
University of Colorado, Boulder	\$ -	NR

Economy

Full Name	Cc	Rank
Colorado School of Mines	\$ 4,994,666.67	1
South Dakota School of Mines and Technology	\$ 22,835,833.33	2
Colorado Mesa University	\$ 9,036,666.67	NR
Colorado State University	\$ 3,504,700,000.00	NR
United States Air Force Academy	\$ 6,480,000.00	NR
University of Colorado, Boulder	\$ (0.00)	NR

Efficiency

Full Name	Cs	Rank
South Dakota School of Mines and Technology	\$ 4,923,981.80	1
Colorado School of Mines	\$ 5,987,983.50	2
Colorado Mesa University	\$ 100,000.00	NR
Colorado State University	\$ 21,265,000.00	NR
United States Air Force Academy	\$ 3,570,500.00	NR
University of Colorado, Boulder	\$ (0.00)	NR

Overall

Full Name	Cc + Cs	Rank
Colorado School of Mines	\$ 10,982,650.17	1
South Dakota School of Mines and Technology	\$ 27,759,815.13	2
Colorado Mesa University	\$ 9,136,666.67	NR
Colorado State University	\$ 3,525,965,000.00	NR
United States Air Force Academy	\$ 10,050,500.00	NR
University of Colorado, Boulder	\$ (0.00)	NR



Student Steel Bridge Competition - Category Ranking

Competition:	Pacific Southwest
Location:	San Diego, California
Date:	Saturday, April 2, 2022
Die Roll Result:	6

Not Ranked

Full Name	Ineligibility	Reason
California Baptist University	11.5	Excessive deflection/sway or loading stopped by judges
California State Polytechnic University, San Luis Obispo	11.5	Excessive deflection/sway or loading stopped by judges
California State University, Long Beach	11.5	Excessive deflection/sway or loading stopped by judges
University of California, Los Angeles	11.5	Excessive deflection/sway or loading stopped by judges
California State Polytechnic University, Pomona	None	
University of California, Irvine	None	
University of California, San Diego	None	
University of Hawaii at Manoa	None	

Construction Speed

Full Name	Time (minutes)	Rank
University of California, San Diego	16.18	1
California State Polytechnic University, Pomona	49.58	2
University of California, Irvine	83.68	3
University of Hawaii at Manoa	293.75	4
California Baptist University	76.90	NR
California State Polytechnic University, San Luis Obispo	24.28	NR
California State University, Long Beach	183.50	NR
University of California, Los Angeles	62.50	NR

Lightness

Full Name	Weight (lbs)	Rank
University of California, Irvine	159.8	1
University of Hawaii at Manoa	176.4	2
University of California, San Diego	370.3	3
California State Polytechnic University, Pomona	693.4	4
California Baptist University	1846.3	NR
California State Polytechnic University, San Luis Obispo	310.3	NR
California State University, Long Beach	266.2	NR
University of California, Los Angeles	692.1	NR

Aesthetics

Full Name	Score	Rank
University of California, San Diego	14.33	1
University of California, Irvine	13.00	2
California State Polytechnic University, Pomona	12.00	3
University of Hawaii at Manoa	11.33	4
California State Polytechnic University, San Luis Obispo	11.00	5
California State University, Long Beach	11.00	6
University of California, Los Angeles	9.00	7
California Baptist University	8.67	8

Stiffness

Full Name	Agg D (in)	Rank
California State Polytechnic University, Pomona	0.37	1
University of California, San Diego	0.53	2
University of Hawaii at Manoa	0.65	3
University of California, Irvine	1.01	4
California Baptist University	5.08	NR
California State Polytechnic University, San Luis Obispo	5.83	NR
California State University, Long Beach	6.65	NR
University of California, Los Angeles	6.31	NR

Cost Estimate

Full Name	Estimate	Rank
University of California, San Diego	\$ 2,013,233.33	1
California State Polytechnic University, Pomona	\$ 13,189,748.88	2
University of California, Irvine	\$ 18,481,303.84	3
University of Hawaii at Manoa	\$ 65,359,181.20	4
California Baptist University	\$ 39,141,377.90	NR
California State Polytechnic University, San Luis Obispo	\$ 14,414,319.90	NR
California State University, Long Beach	\$ 96,489,684.15	NR
University of California, Los Angeles	\$ 21,963,875.45	NR

Economy

Full Name	Cc	Rank
University of California, San Diego	\$ 4,311,333.33	1
California State Polytechnic University, Pomona	\$ 12,353,333.33	2
University of California, Irvine	\$ 22,819,166.67	3
University of Hawaii at Manoa	\$ 76,590,000.00	4
California Baptist University	\$ 28,528,000.00	NR
California State Polytechnic University, San Luis Obispo	\$ 15,114,000.00	NR
California State University, Long Beach	\$ 80,440,000.00	NR
University of California, Los Angeles	\$ 25,600,000.00	NR

Efficiency

Full Name	Cs	Rank
University of Hawaii at Manoa	\$ 2,267,491.20	1
University of California, San Diego	\$ 2,869,500.00	2
University of California, Irvine	\$ 3,262,746.75	3
California State Polytechnic University, Pomona	\$ 3,893,415.55	4
California Baptist University	\$ 34,871,127.90	NR
California State Polytechnic University, San Luis Obispo	\$ 29,300,319.90	NR
California State University, Long Beach	\$ 31,647,500.00	NR
University of California, Los Angeles	\$ 32,993,959.30	NR

Overall

Full Name	Cc + Cs	Rank
University of California, San Diego	\$ 7,180,833.33	1
California State Polytechnic University, Pomona	\$ 16,246,748.88	2
University of California, Irvine	\$ 26,081,913.42	3
University of Hawaii at Manoa	\$ 78,857,491.20	4
California Baptist University	\$ 63,399,127.90	NR
California State Polytechnic University, San Luis Obispo	\$ 44,414,319.90	NR
California State University, Long Beach	\$ 112,087,500.00	NR
University of California, Los Angeles	\$ 58,593,959.30	NR



Student Steel Bridge Competition - Category Ranking

Competition:	Mid-South
Location:	Jonesboro, Arkansas
Date:	Saturday, April 2, 2022
Die Roll Result:	5

Not Ranked

Full Name	Ineligibility	Reason
Harding University	3	Bridge is unsuitable for intended purpose
Lipscomb University	9.3	Excessive dimensional violation
University of Arkansas	9.3	Excessive dimensional violation
University of Tennessee, Knoxville	9.4	Connections cannot be fixed within five minute limit
Arkansas State University	11.4	Failed lateral load test
Christian Brothers University	11.5	Excessive deflection/sway or loading stopped by judges
Vanderbilt University	None	
Tennessee Tech	None	

Construction Speed

Full Name	Time (minutes)	Rank
Vanderbilt University	24.47	1
Tennessee Tech	27.35	2
University of Tennessee, Knoxville	129.45	NR
Harding University	74.23	NR
Lipscomb University	193.75	NR
University of Arkansas	319.75	NR
Christian Brothers University	12.23	NR
Arkansas State University	58.47	NR

Lightness

Full Name	Weight (lbs)	Rank
Vanderbilt University	236.5	1
Tennessee Tech	328.0	2
University of Tennessee, Knoxville	374.0	NR
Harding University	537.0	NR
Lipscomb University	1021.0	NR
University of Arkansas	1001.0	NR
Christian Brothers University	369.0	NR
Arkansas State University	770.0	NR

Aesthetics

Full Name	Score	Rank
Tennessee Tech	12.83	1
Vanderbilt University	11.17	2
Christian Brothers University	10.67	3
Arkansas State University	9.83	4
Harding University	9.83	5
University of Tennessee, Knoxville	9.33	6
Lipscomb University	8.67	7
University of Arkansas	6.33	8

Stiffness

Full Name	Agg D (in)	Rank
Vanderbilt University	0.31	1
Tennessee Tech	3.81	2
University of Tennessee, Knoxville	1.54	NR
Harding University	0.00	NR
Lipscomb University	1.50	NR
University of Arkansas	0.00	NR
Christian Brothers University	0.00	NR
Arkansas State University	0.00	NR

Cost Estimate

Full Name	Estimate	Rank
Vanderbilt University	\$ 2,487,415.83	1
Tennessee Tech	\$ 26,726,474.00	2
University of Tennessee, Knoxville	\$ 40,554,177.00	NR
Harding University	\$ 13,843,397.67	NR
Lipscomb University	\$ 67,175,000.00	NR
University of Arkansas	\$ 102,000,000.00	NR
Christian Brothers University	\$ 398,326.33	NR
Arkansas State University	\$ 4,727,660.00	NR

Economy

Full Name	Cc	Rank
Vanderbilt University	\$ 6,780,666.67	1
Tennessee Tech	\$ 15,535,000.00	2
University of Tennessee, Knoxville	\$ 37,374,000.00	NR
Harding University	\$ 18,666,666.67	NR
Lipscomb University	\$ 80,300,000.00	NR
University of Arkansas	\$ 113,340,000.00	NR
Christian Brothers University	\$ 4,301,666.67	NR
Arkansas State University	\$ 18,461,000.00	NR

Efficiency

Full Name	Cs	Rank
Vanderbilt University	\$ 1,697,304.50	1
Tennessee Tech	\$ 23,151,474.00	2
University of Tennessee, Knoxville	\$ 6,084,322.00	NR
Harding University	\$ 2,224,971.00	NR
Lipscomb University	\$ 10,375,000.00	NR
University of Arkansas	\$ 5,660,000.00	NR
Christian Brothers University	\$ 1,424,967.00	NR
Arkansas State University	\$ 3,166,660.00	NR

Overall

Full Name	Cc + Cs	Rank
Vanderbilt University	\$ 8,477,971.17	1
Tennessee Tech	\$ 38,686,474.00	2
University of Tennessee, Knoxville	\$ 43,458,322.00	NR
Harding University	\$ 20,891,637.67	NR
Lipscomb University	\$ 90,675,000.00	NR
University of Arkansas	\$ 119,000,000.00	NR
Christian Brothers University	\$ 5,726,633.67	NR
Arkansas State University	\$ 21,627,660.00	NR



Student Steel Bridge Competition - Category Ranking

Competition:	Mid-Pacific
Location:	Davis, California
Date:	Saturday, April 2, 2022
Die Roll Result:	5

Not Ranked

Full Name	Ineligibility	Reason
California State University, Fresno	9.4	Connections cannot be fixed within five minute limit
University of California, Berkeley	None	
University of California, Davis	None	

Construction Speed

Full Name	Time (minutes)	Rank
University of California, Berkeley	9.95	1
University of California, Davis	20.62	2
California State University, Fresno	199.50	NR

Lightness

Full Name	Weight (lbs)	Rank
University of California, Berkeley	168.9	1
University of California, Davis	174.3	2
California State University, Fresno	675.0	NR

Aesthetics

Full Name	Score	Rank
University of California, Davis	13.10	1
University of California, Berkeley	12.60	2
California State University, Fresno	7.50	3

Stiffness

Full Name	Agg D (in)	Rank
University of California, Berkeley	0.33	1
University of California, Davis	0.90	2
California State University, Fresno	0.00	NR

Cost Estimate

Full Name	Estimate	Rank
University of California, Davis	\$ 310,316.57	1
University of California, Berkeley	\$ 504,000.00	2
California State University, Fresno	\$ 44,926,699.00	NR

Economy

Full Name	Cc	Rank
University of California, Berkeley	\$ 3,106,000.00	1
University of California, Davis	\$ 5,412,666.67	2
California State University, Fresno	\$ 55,430,000.00	NR

Efficiency

Full Name	Cs	Rank
University of California, Berkeley	\$ 1,139,500.00	1
University of California, Davis	\$ 3,037,491.90	2
California State University, Fresno	\$ 3,375,000.00	NR

Overall

Full Name	Cc + Cs	Rank
University of California, Berkeley	\$ 4,245,500.00	1
University of California, Davis	\$ 8,450,158.57	2
California State University, Fresno	\$ 58,805,000.00	NR



Student Steel Bridge Competition - Category Ranking

Competition:	Mid-Atlantic West
Location:	Pittsburgh, Pennsylvania
Date:	Thursday, April 7, 2022
Die Roll Result:	5

Not Ranked

Full Name	Ineligibility	Reason
George Washington University	9.3	Excessive dimensional violation
Pennsylvania State University, University Park	9.4	Connections cannot be fixed within five minute limit
Catholic University of America	9.4	Connections cannot be fixed within five minute limit
University of Pittsburgh at Johnstown	9.4	Connections cannot be fixed within five minute limit
University of Pittsburgh	10.8.2	Construction Time Limit Exceeded.
Pennsylvania State University, Harrisburg	10.8.2	Construction Time Limit Exceeded.
George Mason University	None	

Construction Speed

Full Name	Time (minutes)	Rank
George Mason University	25.78	1
University of Pittsburgh	9999.00	NR
George Washington University	41.40	NR
Pennsylvania State University, University Park	193.53	NR
Catholic University of America	33.73	NR
University of Pittsburgh at Johnstown	91.00	NR
Pennsylvania State University, Harrisburg	9999.00	NR

Lightness

Full Name	Weight (lbs)	Rank
George Mason University	428.8	1
University of Pittsburgh	452.8	NR
George Washington University	298.2	NR
Pennsylvania State University, University Park	965.7	NR
Catholic University of America	239.1	NR
University of Pittsburgh at Johnstown	0.0	NR
Pennsylvania State University, Harrisburg	154.8	NR

Aesthetics

Full Name	Score	Rank
George Mason University	12.17	1
George Washington University	11.17	2
University of Pittsburgh	10.83	3
Catholic University of America	10.83	4
Pennsylvania State University, University Park	9.83	5
University of Pittsburgh at Johnstown	8.33	6
Pennsylvania State University, Harrisburg	5.83	7

Stiffness

Full Name	Agg D (in)	Rank
George Mason University	0.43	1
University of Pittsburgh	0.00	NR
George Washington University	1.94	NR
Pennsylvania State University, University Park	0.00	NR
Catholic University of America	0.00	NR
University of Pittsburgh at Johnstown	0.00	NR
Pennsylvania State University, Harrisburg	0.00	NR

Cost Estimate

Full Name	Estimate	Rank
George Mason University	\$ 9,832,050.00	1
University of Pittsburgh	\$ 4,136,061,632.40	NR
George Washington University	\$ 21,715,635.60	NR
Pennsylvania State University, University Park	\$ 35,822,333.10	NR
Catholic University of America	\$ 4,016,170.30	NR
University of Pittsburgh at Johnstown	\$ 12,043,375.00	NR
Pennsylvania State University, Harrisburg	\$ 2,088,546,555.90	NR

Economy

Full Name	Cc	Rank
George Mason University	\$ 10,559,000.00	1
University of Pittsburgh	\$ 4,200,280,000.00	NR
George Washington University	\$ 17,803,000.00	NR
Pennsylvania State University, University Park	\$ 51,269,000.00	NR
Catholic University of America	\$ 12,818,000.00	NR
University of Pittsburgh at Johnstown	\$ 22,270,000.00	NR
Pennsylvania State University, Harrisburg	\$ 2,101,190,000.00	NR

Efficiency

Full Name	Cs	Rank
George Mason University	\$ 4,459,300.00	1
University of Pittsburgh	\$ 1,856,632.40	NR
George Washington University	\$ 7,162,635.60	NR
Pennsylvania State University, University Park	\$ 4,197,488.10	NR
Catholic University of America	\$ 475,830.30	NR
University of Pittsburgh at Johnstown	\$ 0.00	NR
Pennsylvania State University, Harrisburg	\$ 39,998.40	NR

Overall

Full Name	Cc + Cs	Rank
George Mason University	\$ 15,018,300.00	1
University of Pittsburgh	\$ 4,202,136,632.40	NR
George Washington University	\$ 24,965,635.60	NR
Pennsylvania State University, University Park	\$ 55,466,488.10	NR
Catholic University of America	\$ 13,293,830.30	NR
University of Pittsburgh at Johnstown	\$ 22,270,000.00	NR
Pennsylvania State University, Harrisburg	\$ 2,101,229,998.40	NR



Student Steel Bridge Competition - Category Ranking

Competition:	Mid-Atlantic East
Location:	Baltimore, Maryland
Date:	Saturday, April 9, 2022
Die Roll Result:	2

Not Ranked

Full Name	Ineligibility	Reason
Temple University	9.3	Excessive dimensional violation
Lafayette College	9.4	Connections cannot be fixed within five minute limit
Morgan State University	9.4	Connections cannot be fixed within five minute limit
University of Maryland	9.4	Connections cannot be fixed within five minute limit
Lehigh University	9.4	Connections cannot be fixed within five minute limit
Johns Hopkins University	11.5	Excessive deflection/sway or loading stopped by judges
Drexel University	None	

Construction Speed

Full Name	Time (minutes)	Rank
Drexel University	181.50	1
Lafayette College	21.07	NR
Temple University	178.95	NR
Johns Hopkins University	32.97	NR
Morgan State University	128.45	NR
University of Maryland	202.25	NR
Lehigh University	331.25	NR

Lightness

Full Name	Weight (lbs)	Rank
Drexel University	200.5	1
Lafayette College	160.2	NR
Temple University	548.4	NR
Johns Hopkins University	287.9	NR
Morgan State University	627.4	NR
University of Maryland	576.8	NR
Lehigh University	920.9	NR

Aesthetics

Full Name	Score	Rank
Drexel University	14.33	1
Johns Hopkins University	12.67	2
Lafayette College	11.17	3
University of Maryland	10.33	4
Morgan State University	9.33	5
Temple University	7.17	6
Lehigh University	5.00	7

Stiffness

Full Name	Agg D (in)	Rank
Drexel University	0.69	1
Lafayette College	0.35	NR
Temple University	0.05	NR
Johns Hopkins University	0.01	NR
Morgan State University	0.00	NR
University of Maryland	0.00	NR
Lehigh University	0.00	NR

Cost Estimate

Full Name	Estimate	Rank
Drexel University	\$ 43,187,656.50	1
Lafayette College	\$ 3,957,833.27	NR
Temple University	\$ 37,103,168.20	NR
Johns Hopkins University	\$ 21,998,329.30	NR
Morgan State University	\$ 35,050,149.20	NR
University of Maryland	\$ 69,113,324.40	NR
Lehigh University	\$ 106,624,134.70	NR

Economy

Full Name	Cc	Rank
Drexel University	\$ 50,760,000.00	1
Lafayette College	\$ 5,268,666.67	NR
Temple University	\$ 48,974,000.00	NR
Johns Hopkins University	\$ 13,476,000.00	NR
Morgan State University	\$ 32,657,500.00	NR
University of Maryland	\$ 68,690,000.00	NR
Lehigh University	\$ 102,450,000.00	NR

Efficiency

Full Name	Cs	Rank
Drexel University	\$ 2,527,656.50	1
Lafayette College	\$ 1,187,496.60	NR
Temple University	\$ 2,410,807.20	NR
Johns Hopkins University	\$ 1,113,960.70	NR
Morgan State University	\$ 2,394,999.20	NR
University of Maryland	\$ 2,223,324.40	NR
Lehigh University	\$ 4,174,134.70	NR

Overall

Full Name	Cc + Cs	Rank
Drexel University	\$ 53,287,656.50	1
Lafayette College	\$ 6,456,163.27	NR
Temple University	\$ 51,384,807.20	NR
Johns Hopkins University	\$ 14,589,960.70	NR
Morgan State University	\$ 35,052,499.20	NR
University of Maryland	\$ 70,913,324.40	NR
Lehigh University	\$ 106,624,134.70	NR



Student Steel Bridge Competition - Category Ranking

Competition:	Indiana-Kentucky
Location:	Angola, Indiana
Date:	Friday, April 8, 2022
Die Roll Result:	1

Not Ranked

Full Name	Ineligibility	Reason
University of Notre Dame	11.4	Failed lateral load test
Western Kentucky University	11.4	Failed lateral load test
Purdue University, West Lafayette	10.8.2	Construction Time Limit Exceeded.
Purdue University, Northwest	9.2.1	Bridge does not provide continuous stringers along both sides.

Construction Speed

Full Name	Time (minutes)	Rank
Purdue University, Northwest	182.25	NR
Purdue University, West Lafayette	9999.00	NR
University of Notre Dame	39.30	NR
Western Kentucky University	26.70	NR

Lightness

Full Name	Weight (lbs)	Rank
Purdue University, Northwest	324.5	NR
Purdue University, West Lafayette	359.6	NR
University of Notre Dame	1717.2	NR
Western Kentucky University	585.7	NR

Aesthetics

Full Name	Score	Rank
Western Kentucky University	13.33	1
University of Notre Dame	12.50	2
Purdue University, Northwest	10.67	3
Purdue University, West Lafayette	8.67	4

Stiffness

Full Name	Agg D (in)	Rank
Purdue University, Northwest	0.00	NR
Purdue University, West Lafayette	0.00	NR
University of Notre Dame	0.00	NR
Western Kentucky University	0.00	NR

Cost Estimate

Full Name	Estimate	Rank
Purdue University, Northwest	\$ 55,018,808.50	NR
Purdue University, West Lafayette	\$ 4,174,797,600.00	NR
University of Notre Dame	\$ 10,514,022.40	NR
Western Kentucky University	\$ 883,488.10	NR

Economy

Full Name	Cc	Rank
Purdue University, Northwest	\$ 77,890,000.00	NR
Purdue University, West Lafayette	\$ 4,199,580,000.00	NR
University of Notre Dame	\$ 16,626,000.00	NR
Western Kentucky University	\$ 10,204,000.00	NR

Efficiency

Full Name	Cs	Rank
Purdue University, Northwest	\$ 1,120,808.50	NR
Purdue University, West Lafayette	\$ 2,217,600.00	NR
University of Notre Dame	\$ 8,059,977.60	NR
Western Kentucky University	\$ 2,297,488.10	NR

Overall

Full Name	Cc + Cs	Rank
Purdue University, Northwest	\$ 79,010,808.50	NR
Purdue University, West Lafayette	\$ 4,201,797,600.00	NR
University of Notre Dame	\$ 24,685,977.60	NR
Western Kentucky University	\$ 12,501,488.10	NR



Student Steel Bridge Competition - Category Ranking

Competition:	Gulf Coast
Location:	Auburn, Alabama
Date:	Thursday, March 31, 2022
Die Roll Result:	3

Not Ranked

Full Name	Ineligibility	Reason
University of Alabama	3	Bridge is unsuitable for intended purpose
University of South Alabama	3	Bridge is unsuitable for intended purpose
Auburn University	3	Bridge is unsuitable for intended purpose
University of Louisiana at Lafayette	11.4	Failed lateral load test
University of Alabama, Huntsville	11.5	Excessive deflection/sway or loading stopped by judges
Louisiana Tech University	11.5	Excessive deflection/sway or loading stopped by judges
Louisiana State University	None	

Construction Speed

Full Name	Time (minutes)	Rank
Louisiana State University	10.60	1
University of Alabama	275.75	NR
University of Alabama, Huntsville	24.27	NR
University of South Alabama	15.25	NR
Louisiana Tech University	20.02	NR
University of Louisiana at Lafayette	27.23	NR
Auburn University	0.00	NR

Lightness

Full Name	Weight (lbs)	Rank
Louisiana State University	141.2	1
University of Alabama	174.1	NR
University of Alabama, Huntsville	393.8	NR
University of South Alabama	261.4	NR
Louisiana Tech University	443.2	NR
University of Louisiana at Lafayette	341.2	NR
Auburn University	146.3	NR

Aesthetics

Full Name	Score	Rank
Louisiana Tech University	12.78	1
University of Louisiana at Lafayette	11.50	2
University of Alabama, Huntsville	10.72	3
Louisiana State University	10.28	4
University of South Alabama	7.28	5
University of Alabama	6.72	6
Auburn University	4.28	7

Stiffness

Full Name	Agg D (in)	Rank
Louisiana State University	0.57	1
University of Alabama	0.00	NR
University of Alabama, Huntsville	0.00	NR
University of South Alabama	0.00	NR
Louisiana Tech University	0.00	NR
University of Louisiana at Lafayette	0.00	NR
Auburn University	0.00	NR

Cost Estimate

Full Name	Estimate	Rank
Louisiana State University	\$ 597,190.00	1
University of Alabama	\$ 70,484,665.30	NR
University of Alabama, Huntsville	\$ 2,976,344.60	NR
University of South Alabama	\$ 4,712,050.00	NR
Louisiana Tech University	\$ 2,660,418.93	NR
University of Louisiana at Lafayette	\$ 2,370,749.40	NR
Auburn University	\$ 8,910,565.00	NR

Economy

Full Name	Cc	Rank
Louisiana State University	\$ 2,928,000.00	1
University of Alabama	\$ 85,980,000.00	NR
University of Alabama, Huntsville	\$ 9,777,000.00	NR
University of South Alabama	\$ 6,135,000.00	NR
Louisiana Tech University	\$ 7,698,333.33	NR
University of Louisiana at Lafayette	\$ 11,123,000.00	NR
Auburn University	\$ 0.00	NR

Efficiency

Full Name	Cs	Rank
Louisiana State University	\$ 1,895,500.00	1
University of Alabama	\$ 200,825.30	NR
University of Alabama, Huntsville	\$ 1,331,655.40	NR
University of South Alabama	\$ 600,000.00	NR
Louisiana Tech University	\$ 1,476,665.60	NR
University of Louisiana at Lafayette	\$ 1,076,654.60	NR
Auburn University	\$ 0.00	NR

Overall

Full Name	Cc + Cs	Rank
Louisiana State University	\$ 4,823,500.00	1
University of Alabama	\$ 86,180,825.30	NR
University of Alabama, Huntsville	\$ 11,108,655.40	NR
University of South Alabama	\$ 6,735,000.00	NR
Louisiana Tech University	\$ 9,174,998.93	NR
University of Louisiana at Lafayette	\$ 12,199,654.60	NR
Auburn University	\$ 0.00	NR