



## Student Steel Bridge Competition - Category Ranking

<b>Competition:</b>	<b>National Finals</b>
<b>Location:</b>	<b>Ames, Iowa</b>
<b>Date:</b>	<b>Saturday, May 31, 2025</b>
<b>Die Roll Result:</b>	<b>8</b>

### Not Ranked

Full Name	Loading Status	Ineligibility	Reason
Cooper Union	Pass	None	
Tecnológico de Monterrey	Pass	None	
Brigham Young University	Pass	None	
Christian Brothers University	Pass	None	
Western Kentucky University	Pass	None	
University of Tennessee, Knoxville	Pass	None	
Missouri University of Science and Technology	Pass	None	
Lafayette College	Pass	None	
University of Florida	Pass	None	
Lincoln Memorial University	Pass	None	
Colorado School of Mines	Pass	None	
Kennesaw State University	Pass	None	
Liberty University	Pass	None	
Pennsylvania State University, University Park	Pass	None	
University of British Columbia	Pass	None	
Clemson University	Pass	None	
University of California, San Diego	Pass	None	
Rochester Institute of Technology	Pass	None	
Auburn University	Pass	None	
Harding University	Pass	None	
Michigan Technological University	Pass	None	
University of Michigan	Pass	None	
Youngstown State University	Pass	None	
California Polytechnic State University, San Luis Obispo	Pass	None	
Drexel University	Pass	None	
University of Wisconsin, Platteville	Pass	None	
Universidad Autonoma Del Estado De Mexico	Pass	None	
South Dakota School of Mines and Technology	Pass	None	
California State Polytechnic University, Pomona	Pass	None	
Universidad Panamericana, Guadalajara	Pass	None	
University of Illinois at Urbana-Champaign	Pass	None	
University of California, Davis	Pass	None	
Virginia Tech	Pass	None	
Northeastern University	Pass	None	
Pennsylvania State University, Harrisburg	Pass	None	
University at Buffalo	Pass	None	
University of North Dakota	Pass	None	
University of South Alabama	Pass	None	
University of Alaska, Fairbanks	Pass	None	
University of Texas at El Paso	Pass	None	
Iowa State University	Pass	None	
Université Laval	Pass	None	
Worcester Polytechnic Institute	Pass	None	

## Construction Speed

Full Name	Loading Status	Time (minutes)	Rank
Pennsylvania State University, Harrisburg	Pass	4.55	1
University of California, Davis	Pass	6.00	2
University of Alaska, Fairbanks	Pass	6.55	3
Virginia Tech	Pass	6.70	4
Missouri University of Science and Technology	Pass	7.38	5
Youngstown State University	Pass	7.58	6
University at Buffalo	Pass	7.60	7
Lafayette College	Pass	8.03	8
Michigan Technological University	Pass	9.30	9
South Dakota School of Mines and Technology	Pass	9.35	10
University of Florida	Pass	9.63	11
University of Michigan	Pass	9.77	12
California Polytechnic State University, San Luis Obispo	Pass	9.93	13
Auburn University	Pass	10.27	14
University of Illinois at Urbana-Champaign	Pass	10.37	15
Drexel University	Pass	10.47	16
Universidad Panamericana, Guadalajara	Pass	10.67	17
University of Wisconsin, Platteville	Pass	11.22	18
Universidad Autonoma Del Estado De Mexico	Pass	11.25	19
University of North Dakota	Pass	11.53	20
Brigham Young University	Pass	11.67	21
University of California, San Diego	Pass	12.20	22
Tecnológico de Monterrey	Pass	12.20	23
Kennesaw State University	Pass	13.10	24
Université Laval	Pass	13.12	25
Rochester Institute of Technology	Pass	13.97	26
Colorado School of Mines	Pass	13.97	27
Iowa State University	Pass	14.27	28
Pennsylvania State University, University Park	Pass	14.32	29
University of British Columbia	Pass	14.45	30
California State Polytechnic University, Pomona	Pass	14.87	31
University of Texas at El Paso	Pass	15.93	32
Harding University	Pass	17.12	33
Clemson University	Pass	17.22	34
Christian Brothers University	Pass	18.32	35
Cooper Union	Pass	18.75	36
Lincoln Memorial University	Pass	22.47	37
University of Tennessee, Knoxville	Pass	23.22	38
Western Kentucky University	Pass	23.48	39
Liberty University	Pass	28.17	40
University of South Alabama	Pass	33.67	41
Worcester Polytechnic Institute	Pass	35.17	42
Northeastern University	Pass	189.25	43

## Lightness

Full Name	Loading Status	Weight (lbs)	Rank
Universidad Autonoma Del Estado De Mexico	Pass	150.7	1
University of Florida	Pass	168.5	2
Virginia Tech	Pass	181.9	3
Kennesaw State University	Pass	191.5	4
Lafayette College	Pass	191.6	5
University of British Columbia	Pass	193.2	6
University of Alaska, Fairbanks	Pass	196.2	7
Missouri University of Science and Technology	Pass	201.1	8
Michigan Technological University	Pass	201.7	9
Liberty University	Pass	204.8	10
Cooper Union	Pass	205.9	11
University of Illinois at Urbana-Champaign	Pass	215.4	12
University of Michigan	Pass	220.2	13
University of California, Davis	Pass	230.7	14
University of California, San Diego	Pass	235.8	15
Pennsylvania State University, Harrisburg	Pass	239.2	16
Tecnológico de Monterrey	Pass	241.1	17
University at Buffalo	Pass	242.9	18
South Dakota School of Mines and Technology	Pass	244.6	19
University of North Dakota	Pass	245.2	20
Youngstown State University	Pass	248.1	21
California Polytechnic State University, San Luis Obispo	Pass	249.4	22
University of Tennessee, Knoxville	Pass	259.2	23
Christian Brothers University	Pass	266.5	24
Rochester Institute of Technology	Pass	266.7	25
Lincoln Memorial University	Pass	267.6	26
California State Polytechnic University, Pomona	Pass	279.3	27
Harding University	Pass	280.8	28
Clemson University	Pass	281.3	29
Pennsylvania State University, University Park	Pass	286.1	30
Brigham Young University	Pass	297.4	31
Iowa State University	Pass	305.9	32
Universidad Panamericana, Guadalajara	Pass	318.2	33
Auburn University	Pass	330.2	34
Northeastern University	Pass	358.7	35
University of Wisconsin, Platteville	Pass	370.8	36
Université Laval	Pass	404.9	37
University of South Alabama	Pass	469.6	38
Colorado School of Mines	Pass	474.6	39
University of Texas at El Paso	Pass	499.4	40
Western Kentucky University	Pass	531.1	41
Drexel University	Pass	531.5	42
Worcester Polytechnic Institute	Pass	654.3	43

## Aesthetics

Full Name	Loading Status	Score	Rank
Virginia Tech	Omitted	Omitted	1
Université Laval	Omitted	Omitted	2
Universidad Autonoma Del Estado De Mexico	Omitted	Omitted	3
Harding University	Omitted	Omitted	4
Liberty University	Omitted	Omitted	5
Rochester Institute of Technology	Omitted	Omitted	6
University of Alaska, Fairbanks	Omitted	Omitted	7
Lincoln Memorial University	Omitted	Omitted	8
Clemson University	Omitted	Omitted	9
University of Tennessee, Knoxville	Omitted	Omitted	10
University of California, San Diego	Omitted	Omitted	11
Youngstown State University	Omitted	Omitted	12
South Dakota School of Mines and Technology	Omitted	Omitted	13
Missouri University of Science and Technology	Omitted	Omitted	14
Pennsylvania State University, University Park	Omitted	Omitted	15
University of Michigan	Omitted	Omitted	16
University of Wisconsin, Platteville	Omitted	Omitted	17
University of British Columbia	Omitted	Omitted	18
Cooper Union	Omitted	Omitted	19
Universidad Panamericana, Guadalajara	Omitted	Omitted	20
University of California, Davis	Omitted	Omitted	21
Christian Brothers University	Omitted	Omitted	22
Tecnológico de Monterrey	Omitted	Omitted	23
University of North Dakota	Omitted	Omitted	24
California Polytechnic State University, San Luis Obispo	Omitted	Omitted	25
Worcester Polytechnic Institute	Omitted	Omitted	26
University of Florida	Omitted	Omitted	27
Auburn University	Omitted	Omitted	28
Brigham Young University	Omitted	Omitted	29
Colorado School of Mines	Omitted	Omitted	30
University of Illinois at Urbana-Champaign	Omitted	Omitted	31
Lafayette College	Omitted	Omitted	32
California State Polytechnic University, Pomona	Omitted	Omitted	33
Northeastern University	Omitted	Omitted	34
University of Texas at El Paso	Omitted	Omitted	35
University at Buffalo	Omitted	Omitted	36
Pennsylvania State University, Harrisburg	Omitted	Omitted	37
Western Kentucky University	Omitted	Omitted	38
Michigan Technological University	Omitted	Omitted	39
University of South Alabama	Omitted	Omitted	40
Iowa State University	Omitted	Omitted	41
Kennesaw State University	Omitted	Omitted	42
Drexel University	Omitted	Omitted	43

## Stiffness

Full Name	Loading Status	Agg D (in)	Rank
University of Florida	Pass	0.47	1
University of Wisconsin, Platteville	Pass	0.49	2
Virginia Tech	Pass	0.54	3
University of Alaska, Fairbanks	Pass	0.54	4
Missouri University of Science and Technology	Pass	0.56	5
Western Kentucky University	Pass	0.59	6
South Dakota School of Mines and Technology	Pass	0.60	7
University of North Dakota	Pass	0.66	8
Youngstown State University	Pass	0.68	9
Auburn University	Pass	0.71	10
Universidad Panamericana, Guadalajara	Pass	0.72	11
University at Buffalo	Pass	0.72	12
Michigan Technological University	Pass	0.75	13
University of California, San Diego	Pass	0.79	14
Kennesaw State University	Pass	0.80	15
Lincoln Memorial University	Pass	0.81	16
Lafayette College	Pass	0.84	17
University of British Columbia	Pass	0.86	18
Harding University	Pass	0.91	19
Université Laval	Pass	0.92	20
University of California, Davis	Pass	0.92	21
University of Illinois at Urbana-Champaign	Pass	0.93	22
Drexel University	Pass	0.93	23
Pennsylvania State University, Harrisburg	Pass	0.95	24
Rochester Institute of Technology	Pass	0.97	25
California Polytechnic State University, San Luis Obispo	Pass	1.01	26
Brigham Young University	Pass	1.03	27
Cooper Union	Pass	1.06	28
California State Polytechnic University, Pomona	Pass	1.08	29
Christian Brothers University	Pass	1.13	30
University of Tennessee, Knoxville	Pass	1.19	31
Liberty University	Pass	1.20	32
Universidad Autonoma Del Estado De Mexico	Pass	1.29	33
University of South Alabama	Pass	1.43	34
Pennsylvania State University, University Park	Pass	1.44	35
Tecnológico de Monterrey	Pass	1.54	36
Worcester Polytechnic Institute	Pass	1.67	37
University of Texas at El Paso	Pass	1.69	38
Iowa State University	Pass	1.81	39
Colorado School of Mines	Pass	1.98	40
University of Michigan	Pass	2.11	41
Northeastern University	Pass	3.09	42
Clemson University	Pass	3.56	43

## Cost Estimate

Full Name	Loading Status	Estimate	Rank
Worcester Polytechnic Institute	Pass	\$ 12,816.46	1
Kennesaw State University	Pass	\$ 54,361.67	2
University of Florida	Pass	\$ 63,963.27	3
University of Michigan	Pass	\$ 93,767.37	4
University of North Dakota	Pass	\$ 183,777.29	5
Western Kentucky University	Pass	\$ 219,224.60	6
South Dakota School of Mines and Technology	Pass	\$ 279,586.87	7
Lafayette College	Pass	\$ 441,736.37	8
Brigham Young University	Pass	\$ 622,903.69	9
Pennsylvania State University, Harrisburg	Pass	\$ 640,416.06	10
University of California, Davis	Pass	\$ 816,216.76	11
Pennsylvania State University, University Park	Pass	\$ 821,367.40	12
Universidad Autonoma Del Estado De Mexico	Pass	\$ 954,853.88	13
Michigan Technological University	Pass	\$ 1,302,422.52	14
Virginia Tech	Pass	\$ 1,434,042.58	15
Lincoln Memorial University	Pass	\$ 1,740,559.57	16
Youngstown State University	Pass	\$ 1,762,693.89	17
Liberty University	Pass	\$ 1,851,072.70	18
Harding University	Pass	\$ 1,915,085.87	19
California State Polytechnic University, Pomona	Pass	\$ 1,922,722.56	20
Universidad Panamericana, Guadalajara	Pass	\$ 2,157,799.60	21
Christian Brothers University	Pass	\$ 2,176,322.74	22
Rochester Institute of Technology	Pass	\$ 2,338,124.19	23
Cooper Union	Pass	\$ 2,625,372.63	24
University of Tennessee, Knoxville	Pass	\$ 2,928,835.38	25
Drexel University	Pass	\$ 3,119,590.19	26
University of California, San Diego	Pass	\$ 3,121,209.28	27
Colorado School of Mines	Pass	\$ 4,623,330.94	28
Clemson University	Pass	\$ 5,966,381.34	29
Iowa State University	Pass	\$ 9,169,832.74	30
University of Texas at El Paso	Pass	\$ 10,323,138.74	31
University of South Alabama	Pass	\$ 23,123,445.13	32
Northeastern University	Pass	\$ 116,742,884.46	33
Tecnológico de Monterrey*	Pass	\$ 983,478,324.13	NR
Auburn University*	Pass	\$ 987,379,489.90	NR
University of Illinois at Urbana-Champaign*	Pass	\$ 988,304,431.55	NR
Université Laval*	Pass	\$ 988,966,285.98	NR
California Polytechnic State University, San Luis Obispo*	Pass	\$ 989,940,123.06	NR
University of Wisconsin, Platteville*	Pass	\$ 990,390,676.05	NR
University of British Columbia*	Pass	\$ 990,446,747.16	NR
University at Buffalo*	Pass	\$ 990,474,160.27	NR
Missouri University of Science and Technology*	Pass	\$ 991,252,845.85	NR
University of Alaska, Fairbanks*	Pass	\$ 991,798,733.65	NR

\* Did not submit cost estimates prior to competition. Assigned NR.

## Economy

Full Name	Loading Status	Cc	Rank
Lafayette College	Pass	\$ 2,033,000.00	1
University of Florida	Pass	\$ 2,312,000.00	2
Pennsylvania State University, Harrisburg	Pass	\$ 3,429,000.00	3
University of California, Davis	Pass	\$ 4,080,000.00	4
California Polytechnic State University, San Luis Obispo	Pass	\$ 4,678,000.00	5
Kennesaw State University	Pass	\$ 4,686,000.00	6
Université Laval	Pass	\$ 4,692,000.00	7
Drexel University	Pass	\$ 4,754,000.00	8
University of Alaska, Fairbanks	Pass	\$ 4,989,000.00	9
University of British Columbia	Pass	\$ 5,082,000.00	10
Virginia Tech	Pass	\$ 5,106,000.00	11
Youngstown State University	Pass	\$ 5,195,000.00	12
University at Buffalo	Pass	\$ 5,208,000.00	13
University of North Dakota	Pass	\$ 5,221,000.00	14
University of Wisconsin, Platteville	Pass	\$ 5,294,000.00	15
Missouri University of Science and Technology	Pass	\$ 5,399,000.00	16
Michigan Technological University	Pass	\$ 6,774,000.00	17
University of Illinois at Urbana-Champaign	Pass	\$ 7,006,000.00	18
South Dakota School of Mines and Technology	Pass	\$ 7,173,000.00	19
University of Michigan	Pass	\$ 7,378,000.00	20
University of California, San Diego	Pass	\$ 7,438,500.00	21
Universidad Panamericana, Guadalajara	Pass	\$ 7,800,000.00	22
Universidad Autonoma Del Estado De Mexico	Pass	\$ 7,815,000.00	23
Auburn University	Pass	\$ 8,008,000.00	24
Brigham Young University	Pass	\$ 8,260,000.00	25
California State Polytechnic University, Pomona	Pass	\$ 8,293,500.00	26
Tecnológico de Monterrey	Pass	\$ 8,916,000.00	27
Rochester Institute of Technology	Pass	\$ 9,934,000.00	28
Iowa State University	Pass	\$ 10,888,000.00	29
Christian Brothers University	Pass	\$ 11,292,000.00	30
Harding University	Pass	\$ 12,631,000.00	31
Cooper Union	Pass	\$ 12,705,000.00	32
Colorado School of Mines	Pass	\$ 13,727,500.00	33
Clemson University	Pass	\$ 13,765,000.00	34
University of Texas at El Paso	Pass	\$ 15,172,000.00	35
Lincoln Memorial University	Pass	\$ 15,724,000.00	36
University of Tennessee, Knoxville	Pass	\$ 16,069,000.00	37
Pennsylvania State University, University Park	Pass	\$ 16,858,000.00	38
Liberty University	Pass	\$ 17,650,000.00	39
Western Kentucky University	Pass	\$ 22,407,500.00	40
University of South Alabama	Pass	\$ 23,740,000.00	41
Worcester Polytechnic Institute	Pass	\$ 39,535,000.00	42
Northeastern University	Pass	\$ 143,175,000.00	43

## Efficiency

Full Name	Loading Status	Cs	Rank
University of Florida	Pass	\$ 2,646,168.53	1
Virginia Tech	Pass	\$ 3,059,957.42	2
University of Alaska, Fairbanks	Pass	\$ 3,212,265.35	3
Missouri University of Science and Technology	Pass	\$ 3,348,153.15	4
South Dakota School of Mines and Technology	Pass	\$ 4,065,866.29	5
Michigan Technological University	Pass	\$ 4,122,133.52	6
Kennesaw State University	Pass	\$ 4,210,544.67	7
Youngstown State University	Pass	\$ 4,223,693.89	8
University of Wisconsin, Platteville	Pass	\$ 4,315,322.95	9
University of North Dakota	Pass	\$ 4,316,633.60	10
University at Buffalo	Pass	\$ 4,317,838.73	11
Lafayette College	Pass	\$ 4,373,125.37	12
University of British Columbia	Pass	\$ 4,471,251.84	13
Auburn University	Pass	\$ 4,612,509.10	14
University of Illinois at Urbana-Champaign	Pass	\$ 4,689,567.45	15
University of California, San Diego	Pass	\$ 4,710,728.20	16
Lincoln Memorial University	Pass	\$ 5,016,559.57	17
University of California, Davis	Pass	\$ 5,167,018.54	18
Universidad Panamericana, Guadalajara	Pass	\$ 5,183,178.91	19
Cooper Union	Pass	\$ 5,260,773.63	20
California Polytechnic State University, San Luis Obispo	Pass	\$ 5,381,875.94	21
Harding University	Pass	\$ 5,384,085.87	22
Pennsylvania State University, Harrisburg	Pass	\$ 5,403,376.91	23
Rochester Institute of Technology	Pass	\$ 5,649,653.24	24
Brigham Young University	Pass	\$ 5,680,096.31	25
Universidad Autonoma Del Estado De Mexico	Pass	\$ 5,799,814.36	26
Liberty University	Pass	\$ 5,974,789.30	27
California State Polytechnic University, Pomona	Pass	\$ 6,279,222.56	28
Drexel University	Pass	\$ 6,337,590.19	29
Université Laval	Pass	\$ 6,341,713.02	30
Christian Brothers University	Pass	\$ 6,531,677.26	31
University of Tennessee, Knoxville	Pass	\$ 6,661,835.38	32
Tecnológico de Monterrey	Pass	\$ 7,605,674.87	33
Pennsylvania State University, University Park	Pass	\$ 8,101,409.60	34
University of South Alabama	Pass	\$ 8,452,552.13	35
University of Michigan	Pass	\$ 9,656,037.59	36
University of Texas at El Paso	Pass	\$ 9,659,225.07	37
Iowa State University	Pass	\$ 9,942,167.26	38
Western Kentucky University	Pass	\$ 10,223,183.27	39
Northeastern University	Pass	\$ 14,396,720.31	40
Colorado School of Mines	Pass	\$ 14,649,169.06	41
Worcester Polytechnic Institute	Pass	\$ 16,276,690.54	42
Clemson University	Pass	\$ 16,580,688.34	43



## Overall

Full Name	Loading Status	Cc + Cs	Rank
University of Florida	Pass	\$ 4,958,168.53	1
Lafayette College	Pass	\$ 6,406,125.37	2
Virginia Tech	Pass	\$ 8,165,957.42	3
University of Alaska, Fairbanks	Pass	\$ 8,201,265.35	4
Missouri University of Science and Technology	Pass	\$ 8,747,153.15	5
Pennsylvania State University, Harrisburg	Pass	\$ 8,832,376.91	6
Kennesaw State University	Pass	\$ 8,896,544.67	7
University of California, Davis	Pass	\$ 9,247,018.54	8
Youngstown State University	Pass	\$ 9,418,693.89	9
University at Buffalo	Pass	\$ 9,525,838.73	10
University of North Dakota	Pass	\$ 9,537,633.60	11
University of British Columbia	Pass	\$ 9,553,251.84	12
University of Wisconsin, Platteville	Pass	\$ 9,609,322.95	13
California Polytechnic State University, San Luis Obispo	Pass	\$ 10,059,875.94	14
Michigan Technological University	Pass	\$ 10,896,133.52	15
Université Laval	Pass	\$ 11,033,713.02	16
Drexel University	Pass	\$ 11,091,590.19	17
South Dakota School of Mines and Technology	Pass	\$ 11,238,866.29	18
University of Illinois at Urbana-Champaign	Pass	\$ 11,695,567.45	19
University of California, San Diego	Pass	\$ 12,149,228.20	20
Auburn University	Pass	\$ 12,620,509.10	21
Universidad Panamericana, Guadalajara	Pass	\$ 12,983,178.91	22
Universidad Autonoma Del Estado De Mexico	Pass	\$ 13,614,814.36	23
Brigham Young University	Pass	\$ 13,940,096.31	24
California State Polytechnic University, Pomona	Pass	\$ 14,572,722.56	25
Rochester Institute of Technology	Pass	\$ 15,583,653.24	26
Tecnológico de Monterrey	Pass	\$ 16,521,674.87	27
University of Michigan	Pass	\$ 17,034,037.59	28
Christian Brothers University	Pass	\$ 17,823,677.26	29
Cooper Union	Pass	\$ 17,965,773.63	30
Harding University	Pass	\$ 18,015,085.87	31
Lincoln Memorial University	Pass	\$ 20,740,559.57	32
Iowa State University	Pass	\$ 20,830,167.26	33
University of Tennessee, Knoxville	Pass	\$ 22,730,835.38	34
Liberty University	Pass	\$ 23,624,789.30	35
University of Texas at El Paso	Pass	\$ 24,831,225.07	36
Pennsylvania State University, University Park	Pass	\$ 24,959,409.60	37
Colorado School of Mines	Pass	\$ 28,376,669.06	38
Clemson University	Pass	\$ 30,345,688.34	39
University of South Alabama	Pass	\$ 32,192,552.13	40
Western Kentucky University	Pass	\$ 32,630,683.27	41
Worcester Polytechnic Institute	Pass	\$ 55,811,690.54	42
Northeastern University	Pass	\$ 157,571,720.31	43