



## Student Steel Bridge Competition - Category Ranking

<b>Competition:</b>	<b>Northeast</b>
<b>Location:</b>	<b>Durham, New Hampshire</b>
<b>Date:</b>	<b>Saturday, April 20, 2024</b>
<b>Die Roll Result:</b>	<b>4</b>

### Not Ranked

Full Name	Ineligibility	Reason
University of New Hampshire	9.2.1	Bridge does not provide continuous stringers along both sides.
Tufts University	None	
Northeastern University	None	
University of Maine	None	
Université Laval	None	
University of Massachusetts, Amherst	None	
Worcester Polytechnic Institute	None	
Norwich University	None	
Western New England University	None	
University of Connecticut	None	
Merrimack College	None	
University of Massachusetts, Lowell	None	
Wentworth Institute of Technology	None	

### Construction Speed

Full Name	Time (minutes)	Rank
Université Laval	17.62	1
University of Massachusetts, Amherst	22.42	2
University of Maine	22.58	3
Tufts University	26.87	4
Northeastern University	28.85	5
Merrimack College	28.87	6
University of Connecticut	30.97	7
Western New England University	35.73	8
Norwich University	38.92	9
University of Massachusetts, Lowell	183.25	10
Worcester Polytechnic Institute	200.75	11
Wentworth Institute of Technology	264.00	12
University of New Hampshire	77.15	NR

### Lightness

Full Name	Weight (lbs)	Rank
Merrimack College	134.9	1
University of Connecticut	228.4	2
University of Maine	245.1	3
Université Laval	249.2	4
University of Massachusetts, Amherst	267.7	5
Tufts University	321.1	6
Norwich University	365.6	7
Northeastern University	372.9	8
Western New England University	475.6	9
University of Massachusetts, Lowell	571.0	10
Wentworth Institute of Technology	852.7	11
Worcester Polytechnic Institute	1036.0	12
University of New Hampshire	304.1	NR

## Aesthetics

Full Name	Score	Rank
Western New England University	14.33	1
Northeastern University	13.67	2
University of New Hampshire	13.17	3
Université Laval	13.00	4
University of Maine	13.00	5
University of Massachusetts, Lowell	12.83	6
Tufts University	12.67	7
University of Massachusetts, Amherst	12.33	8
Worcester Polytechnic Institute	12.00	9
University of Connecticut	11.67	10
Merrimack College	10.67	11
Wentworth Institute of Technology	10.67	12
Norwich University	5.67	13

## Stiffness

Full Name	Agg D (in)	Rank
Université Laval	1.42	1
Northeastern University	1.53	2
University of Connecticut	1.87	3
University of Massachusetts, Amherst	2.21	4
University of Maine	2.22	5
Norwich University	2.45	6
Western New England University	2.78	7
Tufts University	3.20	8
University of Massachusetts, Lowell	10.00	9
Worcester Polytechnic Institute	10.00	10
Merrimack College	10.00	11
Wentworth Institute of Technology	10.00	12
University of New Hampshire	10.00	NR

## Cost Estimate

Full Name	Estimate	Rank
University of Connecticut	\$ 591,905.84	1
Université Laval	\$ 665,270.19	2
University of Massachusetts, Amherst	\$ 1,405,225.82	3
University of Maine	\$ 1,635,510.11	4
Northeastern University	\$ 1,810,452.61	5
Norwich University	\$ 5,659,406.19	6
Tufts University	\$ 7,895,097.39	7
Western New England University	\$ 14,005,166.80	8
Merrimack College	\$ 54,585,152.45	9
University of Massachusetts, Lowell	\$ 63,562,499.73	10
Worcester Polytechnic Institute	\$ 199,717,544.09	11
Wentworth Institute of Technology	\$ 200,145,952.22	12
University of New Hampshire	\$ 50,068,632.68	NR

## Economy

Full Name	Cc	Rank
Université Laval	\$ 7,316,166.67	1
University of Massachusetts, Amherst	\$ 12,239,583.33	2
Tufts University	\$ 12,442,083.33	3
University of Connecticut	\$ 13,499,583.33	4
Northeastern University	\$ 15,613,750.00	5
University of Maine	\$ 16,098,333.33	6
Merrimack College	\$ 19,704,583.33	7
Western New England University	\$ 19,816,000.00	8
Norwich University	\$ 22,892,500.00	9
University of Massachusetts, Lowell	\$ 149,712,500.00	10
Wentworth Institute of Technology	\$ 169,900,000.00	11
Worcester Polytechnic Institute	\$ 174,787,500.00	12
University of New Hampshire	\$ 33,605,500.00	NR

## Efficiency

Full Name	Cs	Rank
Université Laval	\$ 7,110,544.14	1
University of Connecticut	\$ 8,548,510.82	2
Northeastern University	\$ 9,196,702.61	3
University of Maine	\$ 10,266,156.55	4
University of Massachusetts, Amherst	\$ 10,479,048.85	5
Norwich University	\$ 11,491,534.19	6
Western New England University	\$ 14,489,166.80	7
Tufts University	\$ 14,899,323.06	8
Merrimack College	\$ 60,445,741.12	9
Wentworth Institute of Technology	\$ 62,805,952.22	10
University of Massachusetts, Lowell	\$ 63,546,985.73	11
Worcester Polytechnic Institute	\$ 69,484,544.09	12
University of New Hampshire	\$ 61,228,952.68	NR

## Overall

Full Name	Cc + Cs	Rank
Université Laval	\$ 14,426,710.81	1
University of Connecticut	\$ 22,048,094.16	2
University of Massachusetts, Amherst	\$ 22,718,632.18	3
Northeastern University	\$ 24,810,452.61	4
University of Maine	\$ 26,364,489.89	5
Tufts University	\$ 27,341,406.39	6
Western New England University	\$ 34,305,166.80	7
Norwich University	\$ 34,384,034.19	8
Merrimack College	\$ 80,150,324.45	9
University of Massachusetts, Lowell	\$ 213,259,485.73	10
Wentworth Institute of Technology	\$ 232,705,952.22	11
Worcester Polytechnic Institute	\$ 244,272,044.09	12
University of New Hampshire	\$ 94,834,452.68	NR