



Student Steel Bridge Competition - Category Ranking

Competition:	Pacific Northwest
Location:	Portland, Oregon
Date:	Friday, April 4, 2025
Die Roll Result:	10

Not Ranked

Full Name	Loading Status	Ineligibility	Reason
Saint Martin's University	Stopped	11.3	Bridge cannot be loaded safely or sway/deflection cannot be measured
University of Portland	Pass	9.2.1	Bridge does not provide continuous stringers along both sides.
University of British Columbia	Pass	None	
University of Calgary	Pass	None	
Montana State University	Pass	None	
Oregon Institute of Technology	Pass	None	
Oregon State University	Pass	None	
Portland State University	Pass	None	
Seattle University	Pass	None	
University of Alaska, Anchorage	Pass	None	
University of Alaska, Fairbanks	Pass	None	
University of Idaho	Pass	None	
University of Washington	Pass	None	

Construction Speed

Full Name	Loading Status	Time (minutes)	Rank
University of Alaska, Fairbanks	Pass	10.08	1
University of Washington	Pass	15.82	2
University of British Columbia	Pass	18.20	3
University of Calgary	Pass	20.15	4
Oregon State University	Pass	21.02	5
Seattle University	Pass	26.20	6
Portland State University	Pass	26.30	7
Oregon Institute of Technology	Pass	26.48	8
Montana State University	Pass	32.67	9
University of Alaska, Anchorage	Pass	182.00	10
University of Idaho	Pass	200.75	11
Saint Martin's University	Stopped	44.92	NR
University of Portland	Pass	35.68	NR

Lightness

Full Name	Loading Status	Weight (lbs)	Rank
University of Alaska, Anchorage	Pass	169.7	1
University of Alaska, Fairbanks	Pass	200.6	2
Portland State University	Pass	214.8	3
Oregon Institute of Technology	Pass	219.8	4
University of Calgary	Pass	259.3	5
University of British Columbia	Pass	275.5	6
University of Washington	Pass	306.7	7
Oregon State University	Pass	312.7	8
Seattle University	Pass	314.0	9
Montana State University	Pass	359.0	10
University of Idaho	Pass	929.1	11
Saint Martin's University	Stopped	719.9	NR
University of Portland	Pass	326.6	NR

Aesthetics

Full Name	Loading Status	Score	Rank
Montana State University	Omitted	Omitted	1
University of Calgary	Omitted	Omitted	2
University of Alaska, Fairbanks	Omitted	Omitted	3
Portland State University	Omitted	Omitted	4
University of British Columbia	Omitted	Omitted	5
University of Alaska, Anchorage	Omitted	Omitted	6
Oregon State University	Omitted	Omitted	7
Seattle University	Omitted	Omitted	8
University of Idaho	Omitted	Omitted	9
University of Washington	Omitted	Omitted	10
Oregon Institute of Technology	Omitted	Omitted	11
University of Portland	Omitted	Omitted	12
Saint Martin's University	Omitted	Omitted	13

Stiffness

Full Name	Loading Status	Agg D (in)	Rank
Montana State University	Pass	0.61	1
University of Calgary	Pass	0.77	2
University of Alaska, Fairbanks	Pass	0.80	3
University of British Columbia	Pass	1.01	4
University of Washington	Pass	1.30	5
Portland State University	Pass	1.41	6
Oregon State University	Pass	1.44	7
Oregon Institute of Technology	Pass	1.44	8
Seattle University	Pass	1.72	9
University of Idaho	Pass	2.18	10
University of Alaska, Anchorage	Pass	2.87	11
Saint Martin's University	Stopped	10.00	NR
University of Portland	Pass	0.84	NR

Cost Estimate

Full Name	Loading Status	Estimate	Rank
University of British Columbia	Pass	\$ 254,602.32	1
University of Alaska, Fairbanks	Pass	\$ 286,518.65	2
Oregon State University	Pass	\$ 629,849.31	3
Oregon Institute of Technology	Pass	\$ 909,114.81	4
University of Washington	Pass	\$ 4,267,719.07	5
Montana State University	Pass	\$ 4,728,609.98	6
University of Calgary	Pass	\$ 6,672,097.56	7
Portland State University	Pass	\$ 6,823,413.77	8
Seattle University	Pass	\$ 8,206,699.97	9
University of Alaska, Anchorage	Pass	\$ 117,721,222.97	10
University of Idaho	Pass	\$ 186,780,525.58	11
Saint Martin's University	Stopped	\$ 28,010,151.57	NR
University of Portland	Pass	\$ 3,742,841.44	NR

Economy

Full Name	Loading Status	Cc	Rank
University of British Columbia	Pass	\$ 6,447,000.00	1
University of Alaska, Fairbanks	Pass	\$ 7,865,000.00	2
University of Calgary	Pass	\$ 11,704,500.00	3
University of Washington	Pass	\$ 11,857,000.00	4
Oregon State University	Pass	\$ 14,953,000.00	5
Oregon Institute of Technology	Pass	\$ 21,073,000.00	6
Portland State University	Pass	\$ 23,946,000.00	7
Seattle University	Pass	\$ 32,034,000.00	8
Montana State University	Pass	\$ 37,765,000.00	9
University of Alaska, Anchorage	Pass	\$ 135,600,000.00	10
University of Idaho	Pass	\$ 216,825,000.00	11
Saint Martin's University	Stopped	\$ 43,990,000.00	NR
University of Portland	Pass	\$ 35,442,000.00	NR

Efficiency

Full Name	Loading Status	Cs	Rank
University of Alaska, Fairbanks	Pass	\$ 4,311,457.65	1
Montana State University	Pass	\$ 4,617,062.98	2
University of Calgary	Pass	\$ 4,967,597.56	3
University of British Columbia	Pass	\$ 5,342,136.68	4
Portland State University	Pass	\$ 6,769,413.77	5
Oregon Institute of Technology	Pass	\$ 7,125,504.19	6
University of Washington	Pass	\$ 7,341,171.93	7
Oregon State University	Pass	\$ 8,573,377.31	8
Seattle University	Pass	\$ 9,427,225.03	9
University of Alaska, Anchorage	Pass	\$ 12,138,542.97	10
University of Idaho	Pass	\$ 13,354,525.58	11
Saint Martin's University	Stopped	\$ 64,470,151.57	NR
University of Portland	Pass	\$ 5,090,087.56	NR

Overall

Full Name	Loading Status	Cc + Cs	Rank
University of British Columbia	Pass	\$ 11,789,136.68	1
University of Alaska, Fairbanks	Pass	\$ 12,176,457.65	2
University of Calgary	Pass	\$ 16,672,097.56	3
University of Washington	Pass	\$ 19,198,171.93	4
Oregon State University	Pass	\$ 23,526,377.31	5
Oregon Institute of Technology	Pass	\$ 28,198,504.19	6
Portland State University	Pass	\$ 30,715,413.77	7
Seattle University	Pass	\$ 41,461,225.03	8
Montana State University	Pass	\$ 42,382,062.98	9
University of Alaska, Anchorage	Pass	\$ 147,738,542.97	10
University of Idaho	Pass	\$ 230,179,525.58	11
Saint Martin's University	Stopped	\$ 108,460,151.57	NR
University of Portland	Pass	\$ 40,532,087.56	NR

