



## Student Steel Bridge Competition - Category Ranking

<b>Competition:</b>	Virginias
<b>Location:</b>	Beckley, West Virginia
<b>Date:</b>	Friday, March 28, 2025
<b>Die Roll Result:</b>	7

### Not Ranked

Full Name	Loading Status	Ineligibility	Reason
University of Virginia	Stopped	10.3.7	Builder supporting/touching more than one non-constructed member outside staging yard.
James Madison University	Stopped	None	
Liberty University	Pass	None	
Marshall University	Stopped	None	
Virginia Military Institute	Stopped	None	
West Virginia University	Pass	None	
Fairmont State University	Stopped	None	
West Virginia University Institute of Technology	Stopped	None	
Old Dominion University	Pass	None	
Virginia Tech	Pass	None	

### Construction Speed

Full Name	Loading Status	Time (minutes)	Rank
Virginia Tech	Pass	10.05	1
Liberty University	Pass	16.55	2
Old Dominion University	Pass	23.40	3
West Virginia University	Pass	181.25	4
West Virginia University Institute of Technology	Stopped	32.78	5
James Madison University	Stopped	39.52	6
Fairmont State University	Stopped	183.25	7
Marshall University	Stopped	193.00	8
Virginia Military Institute	Stopped	204.25	9
University of Virginia	Stopped	180.50	NR

### Lightness

Full Name	Loading Status	Weight (lbs)	Rank
Virginia Tech	Pass	182.9	1
Old Dominion University	Pass	226.6	2
Liberty University	Pass	254.1	3
West Virginia University	Pass	628.3	4
Virginia Military Institute	Stopped	200.0	5
James Madison University	Stopped	245.3	6
Fairmont State University	Stopped	288.6	7
West Virginia University Institute of Technology	Stopped	311.3	8
Marshall University	Stopped	360.0	9
University of Virginia	Stopped	0.0	NR

### Aesthetics

Full Name	Loading Status	Score	Rank
James Madison University	Omitted	Omitted	-1
Virginia Tech	Omitted	Omitted	1
Liberty University	Omitted	Omitted	2
West Virginia University Institute of Technology	Omitted	Omitted	3
Old Dominion University	Omitted	Omitted	4

Virginia Military Institute	Omitted	Omitted	5
Marshall University	Omitted	Omitted	6
West Virginia University	Omitted	Omitted	7
University of Virginia	Omitted	Omitted	8
Fairmont State University	Omitted	Omitted	9

### Stiffness

Full Name	Loading Status	Agg D (in)	Rank
Virginia Tech	Pass	0.60	1
Liberty University	Pass	1.00	2
West Virginia University	Pass	1.30	3
Old Dominion University	Pass	1.50	4
Virginia Military Institute	Stopped	0.00	5
Marshall University	Stopped	0.00	6
James Madison University	Stopped	10.00	7
West Virginia University Institute of Technology	Stopped	10.00	8
Fairmont State University	Stopped	10.00	9
University of Virginia	Stopped	0.00	NR

### Cost Estimate

Full Name	Loading Status	Estimate	Rank
Virginia Tech	Pass	\$ 1,508,557.03	1
Old Dominion University	Pass	\$ 3,131,998.44	2
Liberty University	Pass	\$ 5,246,336.33	3
West Virginia University	Pass	\$ 161,610,875.58	4
Marshall University	Stopped	\$ 19,439,875.00	5
West Virginia University Institute of Technology	Stopped	\$ 41,795,017.75	6
James Madison University	Stopped	\$ 110,825,389.58	7
Virginia Military Institute	Stopped	\$ 219,039,270.00	8
Fairmont State University	Stopped	\$ 253,122,988.56	9
University of Virginia	Stopped	\$ 58,704,250.00	NR

### Economy

Full Name	Loading Status	Cc	Rank
Virginia Tech	Pass	\$ 7,479,000.00	1
Liberty University	Pass	\$ 12,429,000.00	2
Old Dominion University	Pass	\$ 17,052,000.00	3
West Virginia University	Pass	\$ 189,375,000.00	4
West Virginia University Institute of Technology	Stopped	\$ 27,319,000.00	5
James Madison University	Stopped	\$ 31,487,000.00	6
Marshall University	Stopped	\$ 214,500,000.00	7
Fairmont State University	Stopped	\$ 238,575,000.00	8
Virginia Military Institute	Stopped	\$ 244,875,000.00	9
University of Virginia	Stopped	\$ 189,150,000.00	NR

### Efficiency

Full Name	Loading Status	Cs	Rank
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Virginia Tech	Pass	\$ 3,312,442.97	1
Liberty University	Pass	\$ 5,595,556.67	2
Old Dominion University	Pass	\$ 7,454,837.56	3
West Virginia University	Pass	\$ 7,515,042.58	4
Virginia Military Institute	Stopped	\$ 20,600,000.00	5
Marshall University	Stopped	\$ 21,080,000.00	6
James Madison University	Stopped	\$ 63,347,610.42	7
Fairmont State University	Stopped	\$ 64,829,788.56	8
West Virginia University Institute of Technology	Stopped	\$ 64,936,017.75	9
University of Virginia	Stopped	\$ 20,000,000.00	NR

## Overall

Full Name	Loading Status	Cc + Cs	Rank
Virginia Tech	Pass	\$ 10,791,442.97	1
Liberty University	Pass	\$ 18,024,556.67	2
Old Dominion University	Pass	\$ 24,506,837.56	3
West Virginia University	Pass	\$ 196,890,042.58	4
West Virginia University Institute of Technology	Stopped	\$ 92,255,017.75	5
James Madison University	Stopped	\$ 94,834,610.42	6
Marshall University	Stopped	\$ 235,580,000.00	7
Virginia Military Institute	Stopped	\$ 265,475,000.00	8
Fairmont State University	Stopped	\$ 303,404,788.56	9
University of Virginia	Stopped	\$ 209,150,000.00	NR













