



## Student Steel Bridge Competition - Category Ranking

<b>Competition:</b>	<b>Carolinas</b>
<b>Location:</b>	<b>Charlotte, North Carolina</b>
<b>Date:</b>	<b>Saturday, April 6, 2024</b>
<b>Die Roll Result:</b>	<b>2</b>

### Not Ranked

Full Name	Ineligibility	Reason
University of South Carolina	9.3	Excessive dimensional violation
North Carolina State University	None	
Clemson University	None	
The Citadel	None	
University of North Carolina at Charlotte	None	

### Construction Speed

Full Name	Time (minutes)	Rank
University of North Carolina at Charlotte	19.50	1
The Citadel	32.33	2
Clemson University	40.68	3
North Carolina State University	41.43	4
University of South Carolina	210.50	NR

### Lightness

Full Name	Weight (lbs)	Rank
University of North Carolina at Charlotte	244.1	1
North Carolina State University	502.5	2
The Citadel	798.7	3
Clemson University	882.8	4
University of South Carolina	565.7	NR

### Aesthetics

Full Name	Score	Rank
University of North Carolina at Charlotte	14.00	1
The Citadel	12.67	2
Clemson University	12.50	3
North Carolina State University	12.33	4
University of South Carolina	10.67	5

### Stiffness

Full Name	Agg D (in)	Rank
University of North Carolina at Charlotte	0.55	1
North Carolina State University	1.30	2
The Citadel	2.39	3
Clemson University	10.00	4
University of South Carolina	10.00	NR

## Cost Estimate

Full Name	Estimate	Rank
University of North Carolina at Charlotte	\$ 2,012,069.11	1
North Carolina State University	\$ 4,157,043.69	2
The Citadel	\$ 9,527,302.24	3
Clemson University	\$ 61,440,659.84	4
University of South Carolina	\$ 185,997,934.89	NR

## Economy

Full Name	Cc	Rank
University of North Carolina at Charlotte	\$ 9,912,500.00	1
North Carolina State University	\$ 25,167,583.33	2
The Citadel	\$ 25,726,666.67	3
Clemson University	\$ 27,121,500.00	4
University of South Carolina	\$ 156,525,000.00	NR

## Efficiency

Full Name	Cs	Rank
University of North Carolina at Charlotte	\$ 3,575,430.89	1
North Carolina State University	\$ 7,565,494.97	2
The Citadel	\$ 17,624,105.57	3
Clemson University	\$ 63,319,159.84	4
University of South Carolina	\$ 63,214,334.89	NR

## Overall

Full Name	Cc + Cs	Rank
University of North Carolina at Charlotte	\$ 13,487,930.89	1
North Carolina State University	\$ 32,733,078.31	2
The Citadel	\$ 43,350,772.24	3
Clemson University	\$ 90,440,659.84	4
University of South Carolina	\$ 219,739,334.89	NR