



## Student Steel Bridge Competition - Category Ranking

<b>Competition:</b>	<b>Carolinas</b>
<b>Location:</b>	<b>Clemson, South Carolina</b>
<b>Date:</b>	<b>Saturday, April 12, 2025</b>
<b>Die Roll Result:</b>	<b>4</b>

### Not Ranked

Full Name	Loading Status	Ineligibility	Reason
Horry Georgetown Technical College	Stopped	9.3	Excessive dimensional violation
North Carolina Agricultural and Technical State University	Pass	10.8.2	Construction Time Limit Exceeded. 45 minutes
North Carolina State University	Pass	None	
Clemson University	Pass	None	
University of North Carolina at Charlotte	Stopped	None	

### Construction Speed

Full Name	Loading Status	Time (minutes)	Rank
Clemson University	Pass	16.27	1
North Carolina State University	Pass	26.70	2
University of North Carolina at Charlotte	Stopped	34.47	3
Horry Georgetown Technical College	Stopped	9999.00	NR
North Carolina Agricultural and Technical State University	Pass	9999.00	NR

### Lightness

Full Name	Loading Status	Weight (lbs)	Rank
Clemson University	Pass	279.6	1
North Carolina State University	Pass	1510.9	2
University of North Carolina at Charlotte	Stopped	312.9	3
Horry Georgetown Technical College	Stopped	976.5	NR
North Carolina Agricultural and Technical State University	Pass	1320.0	NR

### Aesthetics

Full Name	Loading Status	Score	Rank
Clemson University	Omitted	Omitted	1
University of North Carolina at Charlotte	Omitted	Omitted	2
North Carolina Agricultural and Technical State University	Omitted	Omitted	3
North Carolina State University	Omitted	Omitted	4
Horry Georgetown Technical College	Omitted	Omitted	5

### Stiffness

Full Name	Loading Status	Agg D (in)	Rank
North Carolina State University	Pass	3.51	1
Clemson University	Pass	3.87	2
University of North Carolina at Charlotte	Stopped	10.00	3
Horry Georgetown Technical College	Stopped	10.00	NR
North Carolina Agricultural and Technical State University	Pass	0.00	NR

## Cost Estimate

Full Name	Loading Status	Estimate	Rank
Clemson University	Pass	\$ 8,117,919.74	1
North Carolina State University	Pass	\$ 52,704,698.59	2
University of North Carolina at Charlotte	Stopped	\$ 50,562,638.40	3
Horry Georgetown Technical College	Stopped	\$ 10,265,237,774.26	NR
North Carolina Agricultural and Technical State University	Pass	\$ 11,702,190,000.00	NR

## Economy

Full Name	Loading Status	Cc	Rank
Clemson University	Pass	\$ 16,705,000.00	1
North Carolina State University	Pass	\$ 30,399,000.00	2
University of North Carolina at Charlotte	Stopped	\$ 24,724,000.00	3
Horry Georgetown Technical College	Stopped	\$ 10,198,980,000.00	NR
North Carolina Agricultural and Technical State University	Pass	\$ 11,698,830,000.00	NR

## Efficiency

Full Name	Loading Status	Cs	Rank
Clemson University	Pass	\$ 27,804,262.74	1
North Carolina State University	Pass	\$ 29,105,698.59	2
University of North Carolina at Charlotte	Stopped	\$ 62,838,638.40	3
Horry Georgetown Technical College	Stopped	\$ 66,257,774.26	NR
North Carolina Agricultural and Technical State University	Pass	\$ 3,960,000.00	NR

## Overall

Full Name	Loading Status	Cc + Cs	Rank
Clemson University	Pass	\$ 44,509,262.74	1
North Carolina State University	Pass	\$ 59,504,698.59	2
University of North Carolina at Charlotte	Stopped	\$ 87,562,638.40	3
Horry Georgetown Technical College	Stopped	\$ 10,265,237,774.26	NR
North Carolina Agricultural and Technical State University	Pass	\$ 11,702,790,000.00	NR