



Student Steel Bridge Competition - Category Ranking

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|-------------------------|--|
| Competition: | Gulf Coast |
| Location: | Mississippi State University, Mississippi |
| Date: | Saturday, March 8, 2025 |
| Die Roll Result: | 9 |

Not Ranked

| Full Name | Loading Status | Ineligibility | Reason |
|--------------------------------------|----------------|---------------|---|
| Mississippi State University | Pass | 5 | Judges deem the bridge unsafe to compete for any reason |
| University of Alabama, Huntsville | Stopped | None | |
| Louisiana State University | Pass | None | |
| Louisiana Tech University | Stopped | None | |
| University of Louisiana at Lafayette | Pass | None | |
| University of South Alabama | Pass | None | |
| Auburn University | Pass | None | |
| University of Alabama | Pass | None | |

Construction Speed

| Full Name | Loading Status | Time (minutes) | Rank |
|--------------------------------------|----------------|----------------|------|
| Auburn University | Pass | 12.02 | 1 |
| Louisiana State University | Pass | 21.20 | 2 |
| University of South Alabama | Pass | 23.70 | 3 |
| University of Louisiana at Lafayette | Pass | 193.50 | 4 |
| University of Alabama | Pass | 194.50 | 5 |
| Louisiana Tech University | Stopped | 26.23 | 6 |
| University of Alabama, Huntsville | Stopped | 30.92 | 7 |
| Mississippi State University | Pass | 9999.00 | NR |

Lightness

| Full Name | Loading Status | Weight (lbs) | Rank |
|--------------------------------------|----------------|--------------|------|
| Louisiana State University | Pass | 128.7 | 1 |
| University of South Alabama | Pass | 238.6 | 2 |
| Auburn University | Pass | 324.8 | 3 |
| University of Louisiana at Lafayette | Pass | 506.6 | 4 |
| University of Alabama | Pass | 580.5 | 5 |
| University of Alabama, Huntsville | Stopped | 263.0 | 6 |
| Louisiana Tech University | Stopped | 483.7 | 7 |
| Mississippi State University | Pass | 1292.9 | NR |

Aesthetics

| Full Name | Loading Status | Score | Rank |
|--------------------------------------|----------------|---------|------|
| Louisiana Tech University | Omitted | Omitted | 1 |
| Louisiana State University | Omitted | Omitted | 2 |
| Auburn University | Omitted | Omitted | 3 |
| University of Alabama, Huntsville | Omitted | Omitted | 4 |
| University of Louisiana at Lafayette | Omitted | Omitted | 5 |
| University of South Alabama | Omitted | Omitted | 6 |
| Mississippi State University | Omitted | Omitted | 7 |
| University of Alabama | Omitted | Omitted | 8 |

Stiffness

| Full Name | Loading Status | Agg D (in) | Rank |
|--------------------------------------|----------------|------------|------|
| Auburn University | Pass | 0.89 | 1 |
| University of Louisiana at Lafayette | Pass | 1.44 | 2 |
| Louisiana State University | Pass | 1.47 | 3 |
| University of South Alabama | Pass | 1.78 | 4 |
| University of Alabama | Pass | 4.45 | 5 |
| Louisiana Tech University | Stopped | 10.00 | 6 |
| University of Alabama, Huntsville | Stopped | 10.00 | 7 |
| Mississippi State University | Pass | 5.07 | NR |

Cost Estimate

| Full Name | Loading Status | Estimate | Rank |
|--------------------------------------|----------------|---------------------|------|
| Auburn University | Pass | \$ 1,597,859.21 | 1 |
| Louisiana State University | Pass | \$ 2,563,062.65 | 2 |
| University of South Alabama | Pass | \$ 4,711,808.91 | 3 |
| University of Alabama | Pass | \$ 167,982,357.25 | 4 |
| University of Louisiana at Lafayette | Pass | \$ 224,702,587.56 | 5 |
| Louisiana Tech University | Stopped | \$ 48,225,176.27 | 6 |
| University of Alabama, Huntsville | Stopped | \$ 69,492,852.90 | 7 |
| Mississippi State University | Pass | \$13,122,250,444.56 | NR |

Economy

| Full Name | Loading Status | Cc | Rank |
|--------------------------------------|----------------|---------------------|------|
| Auburn University | Pass | \$ 9,133,000.00 | 1 |
| University of South Alabama | Pass | \$ 17,646,000.00 | 2 |
| Louisiana State University | Pass | \$ 23,904,000.00 | 3 |
| University of Alabama | Pass | \$ 187,950,000.00 | 4 |
| University of Louisiana at Lafayette | Pass | \$ 241,650,000.00 | 5 |
| Louisiana Tech University | Stopped | \$ 12,052,000.00 | 6 |
| University of Alabama, Huntsville | Stopped | \$ 30,355,000.00 | 7 |
| Mississippi State University | Pass | \$13,198,680,000.00 | NR |

Efficiency

| Full Name | Loading Status | Cs | Rank |
|--------------------------------------|----------------|------------------|------|
| Auburn University | Pass | \$ 5,269,140.79 | 1 |
| Louisiana State University | Pass | \$ 6,359,062.65 | 2 |
| University of Louisiana at Lafayette | Pass | \$ 8,052,587.56 | 3 |
| University of South Alabama | Pass | \$ 8,746,215.91 | 4 |
| University of Alabama | Pass | \$ 30,032,357.25 | 5 |
| University of Alabama, Huntsville | Stopped | \$ 61,264,480.90 | 6 |
| Louisiana Tech University | Stopped | \$ 62,173,176.27 | 7 |
| Mississippi State University | Pass | \$ 54,713,907.56 | NR |

Overall

| Full Name | Loading Status | Cc + Cs | Rank |
|--------------------------------------|----------------|---------------------|------|
| Auburn University | Pass | \$ 14,402,140.79 | 1 |
| University of South Alabama | Pass | \$ 26,392,215.91 | 2 |
| Louisiana State University | Pass | \$ 30,263,062.65 | 3 |
| University of Alabama | Pass | \$ 217,982,357.25 | 4 |
| University of Louisiana at Lafayette | Pass | \$ 249,702,587.56 | 5 |
| Louisiana Tech University | Stopped | \$ 74,225,176.27 | 6 |
| University of Alabama, Huntsville | Stopped | \$ 91,619,480.90 | 7 |
| Mississippi State University | Pass | \$13,253,393,907.56 | NR |