

2008 ASCE/AISC Student Steel Bridge Competition Category Ranking Sheet

Version Date: 1/29/08

Competition: 2008 National Competition  
 Location: University of Florida  
 Date: 5/24/2008

| Disqualifications                                 |        | Construction Speed                                |         |      | Lightness   |        |      | Display   |       |      |
|---|--------|---|---------|------|---|--------|------|---|-------|------|
| Chapter   | DQ     | Chapter   | Time    | Rank | Chapter   | Weight | Rank | Chapter   | Score | Rank |
| Alabama Tuscaloosa, University of                 | 11.2.9 | SUNY College of Technology at Canton              | 3.38    | 1    | California, Berkeley, University of               | 142.6  | 1    | Iowa State University                             | 3     | 1    |
| Texas at Austin, University of                    | 12.5.c | California, Berkeley, University of               | 3.64    | 2    | Virginia Polytechnic Institute & State University | 144.4  | 2    | South Dakota School of Mines                      | 4     | 2    |
| Alaska Fairbanks, University of                   | None   | Wyoming, University of                            | 4.05    | 3    | Florida, University of                            | 145.2  | 3    | Wisconsin - Madison, University of                | 5     | 3    |
| California, Berkeley, University of               | None   | Florida, University of                            | 4.28    | 4    | North Dakota State University                     | 159.8  | 4    | California, Berkeley, University of               | 6     | 4    |
| California, Davis, University of                  | None   | North Dakota State University                     | 4.42    | 5    | New Orleans, University of                        | 160.8  | 5    | Alaska Fairbanks, University of                   | 7     | 5    |
| California, Los Angeles, University of            | None   | Iowa State University                             | 5.10    | 6    | California, Davis, University of                  | 162.2  | 6    | Illinois Institute of Technology                  | 8     | 6    |
| California, San Diego, University of              | None   | California, Davis, University of                  | 5.15    | 7    | Hawaii at Manoa, University of                    | 170    | 7    | Georgia Institute of Technology                   | 9     | 7    |
| City College, City University of New York         | None   | Wisconsin - Madison, University of                | 5.29    | 8    | Alaska Fairbanks, University of                   | 172.8  | 8    | California, Davis, University of                  | 10    | 8    |
| Clemson University                                | None   | Virginia Polytechnic Institute & State University | 6.37    | 9    | Clemson University                                | 184    | 9    | Lawrence Technological University                 | 10    | 8    |
| Connecticut, University of                        | None   | Clemson University                                | 6.63    | 10   | Seattle University                                | 191.6  | 10   | North Dakota State University                     | 12    | 10   |
| Dayton, University of                             | None   | Alaska Fairbanks, University of                   | 6.72    | 11   | Wisconsin - Madison, University of                | 196.8  | 11   | Wyoming, University of                            | 13    | 11   |
| Delaware, University of                           | None   | Louisiana State University and A&M College        | 6.73    | 12   | Lawrence Technological University                 | 197.8  | 12   | Missouri University of Science and Technology     | 14    | 12   |
| Fairmont State University                         | None   | Massachusetts Institute of Technology             | 6.75    | 13   | Delaware, University of                           | 204.6  | 13   | Virginia Polytechnic Institute & State University | 15    | 13   |
| Florida, University of                            | None   | Missouri-Kansas City, University of               | 6.78    | 14   | California, San Diego, University of              | 206.8  | 14   | New Orleans, University of                        | 16    | 14   |
| Georgia Institute of Technology                   | None   | Delaware, University of                           | 6.81    | 15   | Missouri-Kansas City, University of               | 210.4  | 15   | Utah State University                             | 17    | 15   |
| Hawaii at Manoa, University of                    | None   | Connecticut, University of                        | 7.25    | 16   | Michigan Technological University                 | 224.6  | 16   | Northeastern University                           | 18    | 16   |
| Idaho, University of                              | None   | Georgia Institute of Technology                   | 7.30    | 17   | Pennsylvania State University - University Park   | 226.6  | 17   | Idaho, University of                              | 19    | 17   |
| Illinois Institute of Technology                  | None   | Seattle University                                | 7.33    | 18   | SUNY College of Technology at Canton              | 233.6  | 18   | California, San Diego, University of              | 20    | 18   |
| Iowa State University                             | None   | New Jersey Institute of Technology                | 7.85    | 19   | Georgia Institute of Technology                   | 235.4  | 19   | Hawaii at Manoa, University of                    | 21    | 19   |
| Kansas State University                           | None   | Pennsylvania State University - University Park   | 7.95    | 20   | Louisiana State University and A&M College        | 240.2  | 20   | SUNY at Buffalo                                   | 22    | 20   |
| Lawrence Technological University                 | None   | Texas A&M University                              | 8.05    | 21   | Iowa State University                             | 251    | 21   | Florida, University of                            | 23    | 21   |
| Louisiana State University and A&M College        | None   | Idaho, University of                              | 8.42    | 22   | Utah State University                             | 266.8  | 22   | New Jersey Institute of Technology                | 24    | 22   |
| Massachusetts Institute of Technology             | None   | Lawrence Technological University                 | 8.50    | 23   | Texas A&M University                              | 267.4  | 23   | SUNY College of Technology at Canton              | 25    | 23   |
| Michigan Technological University                 | None   | Kansas State University                           | 9.10    | 24   | Idaho, University of                              | 267.6  | 24   | North Florida, University of                      | 26    | 24   |
| Missouri University of Science and Technology     | None   | North Florida, University of                      | 9.28    | 25   | New Jersey Institute of Technology                | 267.6  | 25   | Missouri-Kansas City, University of               | 27    | 25   |
| Missouri-Kansas City, University of               | None   | Youngstown State University                       | 9.96    | 26   | Kansas State University                           | 279.6  | 26   | Kansas State University                           | 28    | 26   |
| New Jersey Institute of Technology                | None   | Utah State University                             | 10.17   | 27   | Youngstown State University                       | 284.2  | 27   | Texas A&M University                              | 29    | 27   |
| New Orleans, University of                        | None   | Northeastern University                           | 10.82   | 28   | California, Los Angeles, University of            | 303.6  | 28   | Youngstown State University                       | 30    | 28   |
| North Dakota State University                     | None   | South Dakota School of Mines                      | 11.00   | 29   | Northeastern University                           | 304.2  | 29   | Clemson University                                | 31    | 29   |
| North Florida, University of                      | None   | Hawaii at Manoa, University of                    | 11.38   | 30   | Massachusetts Institute of Technology             | 313    | 30   | Massachusetts Institute of Technology             | 32    | 30   |
| Northeastern University                           | None   | Missouri University of Science and Technology     | 12.77   | 31   | North Florida, University of                      | 334.6  | 31   | City College, City University of New York         | 33    | 31   |
| Pennsylvania State University - University Park   | None   | New Orleans, University of                        | 14.37   | 32   | Connecticut, University of                        | 344.6  | 32   | Michigan Technological University                 | 34    | 32   |
| Seattle University                                | None   | California, San Diego, University of              | 15.80   | 33   | Wyoming, University of                            | 346.6  | 33   | Connecticut, University of                        | 35    | 33   |
| South Dakota School of Mines                      | None   | City College, City University of New York         | 16.57   | 34   | Fairmont State University                         | 351.2  | 34   | Seattle University                                | 36    | 34   |
| SUNY at Buffalo                                   | None   | Dayton, University of                             | 17.11   | 35   | Dayton, University of                             | 359    | 35   | Pennsylvania State University - University Park   | 37    | 35   |
| SUNY College of Technology at Canton              | None   | California, Los Angeles, University of            | 18.27   | 36   | SUNY at Buffalo                                   | 371.4  | 36   | Dayton, University of                             | 38    | 36   |
| Texas A&M University                              | None   | SUNY at Buffalo                                   | 18.42   | 37   | South Dakota School of Mines                      | 393.8  | 37   | Louisiana State University and A&M College        | 39    | 37   |
| Utah State University                             | None   | Michigan Technological University                 | 18.72   | 38   | Missouri University of Science and Technology     | 441.2  | 38   | Delaware, University of                           | 40    | 38   |
| Virginia Polytechnic Institute & State University | None   | Fairmont State University                         | 19.00   | 39   | City College, City University of New York         | 648.2  | 39   | California, Los Angeles, University of            | 41    | 39   |
| Wisconsin - Madison, University of                | None   | Illinois Institute of Technology                  | 40.85   | 40   | Illinois Institute of Technology                  | 1153.2 | 40   | Fairmont State University                         | 42    | 40   |
| Wyoming, University of                            | None   | Alabama Tuscaloosa, University of                 | 9999.99 | 41   | Alabama Tuscaloosa, University of                 | 9999   | 41   | Alabama Tuscaloosa, University of                 | 9999  | 41   |
| Youngstown State University                       | None   | Texas at Austin, University of                    | 9999.99 | 41   | Texas at Austin, University of                    | 9999   | 41   | Texas at Austin, University of                    | 9999  | 41   |

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| Stiffness   |         |      | Economy   |                |      | Efficiency  |                |      | Overall   |                                 |      |
|---|---------|------|---|----------------|------|---|----------------|------|---|---------------------------------|------|
| Chapter   | Agg A   | Rank | Chapter   | C <sub>c</sub> | Rank | Chapter   | C <sub>s</sub> | Rank | Chapter   | C <sub>c</sub> + C <sub>s</sub> | Rank |
| Missouri-Kansas City, University of               | 0.21    | 1    | SUNY College of Technology at Canton              | 1,135,000      | 1    | California, Berkeley, University of               | 679,800        | 1    | California, Berkeley, University of               | 1,892,300                       | 1    |
| Wisconsin - Madison, University of                | 0.29    | 2    | California, Berkeley, University of               | 1,212,500      | 2    | California, Davis, University of                  | 696,600        | 2    | Florida, University of                            | 2,046,600                       | 2    |
| Seattle University                                | 0.29    | 3    | Florida, University of                            | 1,345,000      | 3    | Florida, University of                            | 701,600        | 3    | California, Davis, University of                  | 2,084,100                       | 3    |
| California, Davis, University of                  | 0.30    | 4    | Wyoming, University of                            | 1,355,000      | 4    | North Dakota State University                     | 724,400        | 4    | North Dakota State University                     | 2,149,400                       | 4    |
| North Dakota State University                     | 0.35    | 5    | California, Davis, University of                  | 1,387,500      | 5    | Seattle University                                | 777,800        | 5    | SUNY College of Technology at Canton              | 2,178,800                       | 5    |
| California, Berkeley, University of               | 0.36    | 6    | Wisconsin - Madison, University of                | 1,422,917      | 6    | Missouri-Kansas City, University of               | 778,200        | 6    | Wisconsin - Madison, University of                | 2,216,317                       | 6    |
| Florida, University of                            | 0.38    | 7    | North Dakota State University                     | 1,425,000      | 7    | Wisconsin - Madison, University of                | 793,400        | 7    | Missouri-Kansas City, University of               | 2,233,200                       | 7    |
| City College, City University of New York         | 0.39    | 8    | Missouri-Kansas City, University of               | 1,455,000      | 8    | New Orleans, University of                        | 811,400        | 8    | Alaska Fairbanks, University of                   | 2,443,733                       | 8    |
| Kansas State University                           | 0.42    | 9    | Alaska Fairbanks, University of                   | 1,463,333      | 9    | Hawaii at Manoa, University of                    | 881,000        | 9    | Georgia Institute of Technology                   | 2,628,200                       | 9    |
| Lawrence Technological University                 | 0.45    | 10   | Georgia Institute of Technology                   | 1,600,000      | 10   | Lawrence Technological University                 | 908,400        | 10   | Iowa State University                             | 2,824,000                       | 10   |
| Georgia Institute of Technology                   | 0.46    | 11   | Iowa State University                             | 1,630,000      | 11   | Virginia Polytechnic Institute & State University | 972,200        | 11   | Clemson University                                | 2,834,333                       | 11   |
| New Orleans, University of                        | 0.47    | 12   | Clemson University                                | 1,778,333      | 12   | Alaska Fairbanks, University of                   | 980,400        | 12   | Delaware, University of                           | 2,862,883                       | 12   |
| SUNY College of Technology at Canton              | 0.49    | 13   | Delaware, University of                           | 1,822,083      | 13   | Georgia Institute of Technology                   | 1,028,200      | 13   | Virginia Polytechnic Institute & State University | 3,002,200                       | 13   |
| Hawaii at Manoa, University of                    | 0.53    | 14   | Kansas State University                           | 1,940,000      | 14   | Delaware, University of                           | 1,040,800      | 14   | Kansas State University                           | 3,072,800                       | 14   |
| Delaware, University of                           | 0.61    | 15   | Virginia Polytechnic Institute & State University | 2,030,000      | 15   | SUNY College of Technology at Canton              | 1,043,800      | 15   | Lawrence Technological University                 | 3,093,400                       | 15   |
| Northeastern University                           | 0.62    | 16   | New Jersey Institute of Technology                | 2,062,500      | 16   | Clemson University                                | 1,056,000      | 16   | Seattle University                                | 3,097,800                       | 16   |
| Iowa State University                             | 0.63    | 17   | Youngstown State University                       | 2,091,667      | 17   | Kansas State University                           | 1,132,800      | 17   | Louisiana State University and A&M College        | 3,301,600                       | 17   |
| Youngstown State University                       | 0.63    | 18   | Louisiana State University and A&M College        | 2,140,000      | 18   | Michigan Technological University                 | 1,142,800      | 18   | Youngstown State University                       | 3,385,267                       | 18   |
| Louisiana State University and A&M College        | 0.63    | 19   | Massachusetts Institute of Technology             | 2,145,000      | 19   | Louisiana State University and A&M College        | 1,161,600      | 19   | New Jersey Institute of Technology                | 3,390,300                       | 19   |
| SUNY at Buffalo                                   | 0.64    | 20   | Lawrence Technological University                 | 2,185,000      | 20   | Iowa State University                             | 1,194,000      | 20   | Idaho, University of                              | 3,551,967                       | 20   |
| Alaska Fairbanks, University of                   | 0.66    | 21   | Idaho, University of                              | 2,224,167      | 21   | Texas A&M University                              | 1,264,200      | 21   | Massachusetts Institute of Technology             | 3,798,000                       | 21   |
| Texas A&M University                              | 0.66    | 22   | Connecticut, University of                        | 2,315,000      | 22   | Youngstown State University                       | 1,293,600      | 22   | Texas A&M University                              | 3,799,200                       | 22   |
| Michigan Technological University                 | 0.67    | 23   | Seattle University                                | 2,320,000      | 23   | Idaho, University of                              | 1,327,800      | 23   | New Orleans, University of                        | 3,844,733                       | 23   |
| Clemson University                                | 0.72    | 24   | Pennsylvania State University - University Park   | 2,485,000      | 24   | New Jersey Institute of Technology                | 1,327,800      | 24   | Pennsylvania State University - University Park   | 4,046,800                       | 24   |
| Idaho, University of                              | 0.75    | 25   | Texas A&M University                              | 2,535,000      | 25   | Northeastern University                           | 1,346,600      | 25   | Connecticut, University of                        | 4,048,800                       | 25   |
| New Jersey Institute of Technology                | 0.75    | 26   | Northeastern University                           | 2,804,167      | 26   | California, San Diego, University of              | 1,362,400      | 26   | Northeastern University                           | 4,150,767                       | 26   |
| Fairmont State University                         | 0.76    | 27   | North Florida, University of                      | 2,945,000      | 27   | Utah State University                             | 1,479,400      | 27   | Hawaii at Manoa, University of                    | 4,416,000                       | 27   |
| Virginia Polytechnic Institute & State University | 0.77    | 28   | New Orleans, University of                        | 3,033,333      | 28   | Pennsylvania State University - University Park   | 1,561,800      | 28   | Wyoming, University of                            | 4,550,800                       | 28   |
| North Florida, University of                      | 0.92    | 29   | Utah State University                             | 3,170,000      | 29   | SUNY at Buffalo                                   | 1,562,200      | 29   | North Florida, University of                      | 4,592,800                       | 29   |
| Utah State University                             | 0.97    | 30   | Missouri University of Science and Technology     | 3,291,667      | 30   | Fairmont State University                         | 1,585,600      | 30   | Utah State University                             | 4,649,400                       | 30   |
| South Dakota School of Mines                      | 0.99    | 31   | South Dakota School of Mines                      | 3,440,000      | 31   | North Florida, University of                      | 1,647,800      | 31   | Michigan Technological University                 | 4,986,133                       | 31   |
| Connecticut, University of                        | 1.00    | 32   | City College, City University of New York         | 3,493,333      | 32   | Massachusetts Institute of Technology             | 1,653,000      | 32   | South Dakota School of Mines                      | 5,314,400                       | 32   |
| Massachusetts Institute of Technology             | 1.02    | 33   | Hawaii at Manoa, University of                    | 3,535,000      | 33   | Connecticut, University of                        | 1,733,800      | 33   | California, San Diego, University of              | 5,372,400                       | 33   |
| California, San Diego, University of              | 1.06    | 34   | Michigan Technological University                 | 3,843,333      | 34   | California, Los Angeles, University of            | 1,848,800      | 34   | Missouri University of Science and Technology     | 5,630,267                       | 34   |
| Pennsylvania State University - University Park   | 1.26    | 35   | California, San Diego, University of              | 4,010,000      | 35   | South Dakota School of Mines                      | 1,874,400      | 35   | City College, City University of New York         | 5,710,933                       | 35   |
| California, Los Angeles, University of            | 1.34    | 36   | California, Los Angeles, University of            | 4,686,667      | 36   | Dayton, University of                             | 2,183,000      | 36   | California, Los Angeles, University of            | 6,535,467                       | 36   |
| Missouri University of Science and Technology     | 1.45    | 37   | Dayton, University of                             | 5,252,500      | 37   | City College, City University of New York         | 2,217,600      | 37   | SUNY at Buffalo                                   | 7,207,200                       | 37   |
| Dayton, University of                             | 1.58    | 38   | SUNY at Buffalo                                   | 5,645,000      | 38   | Missouri University of Science and Technology     | 2,338,600      | 38   | Dayton, University of                             | 7,435,500                       | 38   |
| Wyoming, University of                            | 3.08    | 39   | Fairmont State University                         | 5,860,000      | 39   | Wyoming, University of                            | 3,195,800      | 39   | Fairmont State University                         | 7,445,600                       | 39   |
| Illinois Institute of Technology                  | 60.00   | 40   | Illinois Institute of Technology                  | 10,332,500     | 40   | Illinois Institute of Technology                  | 45,459,600     | 40   | Illinois Institute of Technology                  | 55,792,100                      | 40   |
| Alabama Tuscaloosa, University of                 | 9999.99 | 41   | Alabama Tuscaloosa, University of                 | 999,999,999    | 41   | Alabama Tuscaloosa, University of                 | 999,999,999    | 41   | Alabama Tuscaloosa, University of                 | 999,999,999                     | 41   |
| Texas at Austin, University of                    | 9999.99 | 41   | Texas at Austin, University of                    | 999,999,999    | 41   | Texas at Austin, University of                    | 999,999,999    | 41   | Texas at Austin, University of                    | 999,999,999                     | 41   |