

2019 AISC Student Steel Bridge Competition Category Ranking Sheet

Version Date: 03/24/2019

Competition: Mid-Atlantic Region  
 Location: University of Pittsburgh at Johnstown  
 Date: 4/13/2019

S = 1

| Not Ranked                                      |       | Construction Speed                              |       |      | Lightness                                       |        |      | Aesthetics                                      |       |      |
|---|-------|---|-------|------|---|--------|------|---|-------|------|
| School  | NR    | School  | Time  | Rank | School  | Weight | Rank | School  | Score | Rank |
| Johns Hopkins University                        | 11.5: | Lafayette College                               | 5.65  | 1    | Drexel University                               | 160    | 1    | Pennsylvania State University - Harrisburg      | 1     | 1    |
| Lehigh University                               | 11.5: | Pennsylvania State University - Harrisburg      | 10.47 | 2    | Lafayette College                               | 208    | 2    | Drexel University                               | 2     | 2    |
| Morgan State University                         | 11.5: | Drexel University                               | 12.32 | 3    | Pennsylvania State University - Harrisburg      | 322    | 3    | Lafayette College                               | 3     | 3    |
| Temple University                               | 11.5: | Johns Hopkins University                        | ---   | ---  | Johns Hopkins University                        | ---    | ---  | Johns Hopkins University                        | ---   | ---  |
| University of Delaware                          | 11.5: | Lehigh University                               | ---   | ---  | Lehigh University                               | ---    | ---  | Lehigh University                               | ---   | ---  |
| University of Maryland                          | 11.5: | Morgan State University                         | ---   | ---  | Morgan State University                         | ---    | ---  | Morgan State University                         | ---   | ---  |
| University of Pittsburgh at Johnstown           | 11.5: | Pennsylvania State University - University Park | ---   | ---  | Pennsylvania State University - University Park | ---    | ---  | Pennsylvania State University - University Park | ---   | ---  |
| Pennsylvania State University - University Park | 4:    | Temple University                               | ---   | ---  | Temple University                               | ---    | ---  | Temple University                               | ---   | ---  |
| Drexel University                               | None  | University of Delaware                          | ---   | ---  | University of Delaware                          | ---    | ---  | University of Delaware                          | ---   | ---  |
| Lafayette College                               | None  | University of Maryland                          | ---   | ---  | University of Maryland                          | ---    | ---  | University of Maryland                          | ---   | ---  |
| Pennsylvania State University - Harrisburg      | None  | University of Pittsburgh at Johnstown           | ---   | ---  | University of Pittsburgh at Johnstown           | ---    | ---  | University of Pittsburgh at Johnstown           | ---   | ---  |

| Stiffness                                       |       |      | Economy   |                |      | Efficiency                                      |                |      | Overall   |                                 |      |
|---|-------|------|---|----------------|------|---|----------------|------|---|---------------------------------|------|
| School  | Agg Δ | Rank | School  | C <sub>c</sub> | Rank | School  | C <sub>c</sub> | Rank | School  | C <sub>c</sub> + C <sub>s</sub> | Rank |
| Lafayette College                               | 0.410 | 1    | Lafayette College                               | \$1,356,000    | 1    | Lafayette College                               | \$1,772,000    | 1    | Lafayette College                               | \$3,128,000                     | 1    |
| Drexel University                               | 1.700 | 2    | Drexel University                               | \$2,956,000    | 2    | Drexel University                               | \$5,723,000    | 2    | Drexel University                               | \$8,679,000                     | 2    |
| Pennsylvania State University - Harrisburg      | 2.420 | 3    | Pennsylvania State University - Harrisburg      | \$3,768,000    | 3    | Pennsylvania State University - Harrisburg      | \$11,320,000   | 3    | Pennsylvania State University - Harrisburg      | \$15,088,000                    | 3    |
| Johns Hopkins University                        | ---   | ---  | Johns Hopkins University                        | ---            | ---  | Johns Hopkins University                        | ---            | ---  | Johns Hopkins University                        | ---                             | ---  |
| Lehigh University                               | ---   | ---  | Lehigh University                               | ---            | ---  | Lehigh University                               | ---            | ---  | Lehigh University                               | ---                             | ---  |
| Morgan State University                         | ---   | ---  | Morgan State University                         | ---            | ---  | Morgan State University                         | ---            | ---  | Morgan State University                         | ---                             | ---  |
| Pennsylvania State University - University Park | ---   | ---  | Pennsylvania State University - University Park | ---            | ---  | Pennsylvania State University - University Park | ---            | ---  | Pennsylvania State University - University Park | ---                             | ---  |
| Temple University                               | ---   | ---  | Temple University                               | ---            | ---  | Temple University                               | ---            | ---  | Temple University                               | ---                             | ---  |
| University of Delaware                          | ---   | ---  | University of Delaware                          | ---            | ---  | University of Delaware                          | ---            | ---  | University of Delaware                          | ---                             | ---  |
| University of Maryland                          | ---   | ---  | University of Maryland                          | ---            | ---  | University of Maryland                          | ---            | ---  | University of Maryland                          | ---                             | ---  |
| University of Pittsburgh at Johnstown           | ---   | ---  | University of Pittsburgh at Johnstown           | ---            | ---  | University of Pittsburgh at Johnstown           | ---            | ---  | University of Pittsburgh at Johnstown           | ---                             | ---  |