

2009 ASCE/AISC Student Steel Bridge Competition Category Ranking Sheet

Version Date: 4/6/09

Competition: 2009 National Student Steel Bridge Competition
 Location: University of Nevada, Las Vegas
 Date: 21-22 May 2009

Ineligibilities		Construction Speed			Lightness			Display		
Chapter	IE	Chapter	Time	Rank	Chapter	Weight	Rank	Chapter	Score	Rank
Georgia Institute of Tech	12.5.e	SUNY Canton	3.28	1	North Dakota State University	95.8	1	Ecole de Technologie Superieure	1	1
University of Nevada Las Vegas	9.1.6	University of Laval	3.77	2	Virginia Polytechnic Institute & State University	103.4	2	North Dakota State University	2	2
Bradley University	None	Lakehead University	3.78	3	University of Wisconsin - Madison	115.0	3	Lakehead University	3	3
California Polytechnic State University, San Luis Obispo	None	University of California, Berkeley	4.08	4	University of Hawaii, Manoa	115.6	4	University of Hawaii, Manoa	4	4
Clemson University	None	Virginia Polytechnic Institute & State University	4.25	5	Washington State University	126.0	5	Louisiana State University & A&M College	5	5
Drexel University	None	University of Akron	5.02	6	University of California, Berkeley	135.0	6	University of California, Berkeley	6	6
Ecole de Technologie Superieure	None	University of Hawaii, Manoa	5.18	7	Clemson University	140.8	7	University of Wisconsin - Madison	7	7
Fairmont State University	None	University of California, Davis	5.32	8	University of Central Florida	142.6	8	Virginia Polytechnic Institute & State University	8	8
Geneva College	None	University of Colorado Denver	5.35	9	Seattle University	142.8	9	Lawrence Tech	9	9
Kansas State University	None	University of Wisconsin - Madison	5.58	10	Lakehead University	144.2	10	University of New Orleans	10	10
Lafayette College	None	Drexel University	5.67	11	University of Michigan	144.8	11	New Jersey Institute of Technology	11	11
Lakehead University	None	Lafayette College	5.93	12	Lafayette College	148.8	12	Clemson University	12	12
Lawrence Tech	None	Texas Tech	6.05	13	Texas A&M	150.0	13	Washington State University	13	13
Louisiana State University & A&M College	None	Lawrence Tech	6.09	14	SUNY Canton	155.8	14	Texas Tech	14	14
Massachusetts Institute of Technology	None	Massachusetts Institute of Technology	6.19	15	University of California, Davis	168.8	15	Fairmont State University	15	15
Milwaukee School of Engineering	None	Ecole de Technologie Superieure	6.25	16	University of Missouri, Kansas City	168.8	16	South Dakota School of Mines & Tech	16	16
New Jersey Institute of Technology	None	Kansas State University	6.78	17	University of Connecticut	169.4	17	University of Akron	17	17
New Mexico Institute of Mining & Tech	None	Seattle University	7.10	18	University of New Orleans	179.2	18	University of Colorado Denver	18	18
North Dakota State University	None	Clemson University	7.22	19	Kansas State University	183.0	19	Youngstown State University	19	19
Old Dominion University	None	Youngstown State University	7.32	20	Lawrence Tech	187.6	20	University of Central Florida	20	20
Rowan University	None	Washington State University	7.34	21	New Jersey Institute of Technology	197.8	21	University of Laval	21	21
Seattle University	None	Rowan University	7.45	22	New Mexico Institute of Mining & Tech	197.8	22	Bradley University	22	22
South Dakota School of Mines & Tech	None	South Dakota School of Mines & Tech	7.50	23	Southern Illinois University, Edwardsville	200.8	23	Southern Illinois University, Edwardsville	23	23
Southern Illinois University, Edwardsville	None	North Dakota State University	7.68	24	University of Akron	202.0	24	University of Texas, San Antonio	24	24
SUNY Canton	None	University of New Orleans	7.95	25	Texas Tech	214.8	25	University of California, Davis	25	25
Texas A&M	None	Texas A&M	8.06	26	California Polytechnic State University, San Luis Obispo	220.8	26	Milwaukee School of Engineering	26	26
Texas Tech	None	New Jersey Institute of Technology	8.12	27	Youngstown State University	227.2	27	SUNY Canton	27	27
University of Akron	None	University of Connecticut	8.35	28	Ecole de Technologie Superieure	232.4	28	University of Idaho	28	28
University of Alabama	None	University of Michigan	8.58	29	Massachusetts Institute of Technology	232.6	29	Geneva College	29	29
University of California, Berkeley	None	University of Alabama	8.73	30	University of Colorado Denver	243.2	30	Kansas State University	30	30
University of California, Davis	None	University of Missouri, Kansas City	9.17	31	University of Texas, San Antonio	246.0	31	Massachusetts Institute of Technology	31	31
University of California, San Diego	None	Geneva College	9.35	32	University of Alabama	251.0	32	University of Michigan	32	32
University of Central Florida	None	New Mexico Institute of Mining & Tech	10.42	33	Old Dominion University	272.6	33	California Polytechnic State University, San Luis Obispo	33	33
University of Colorado Denver	None	University of South Florida	11.20	34	University of Laval	277.6	34	Old Dominion University	34	34
University of Connecticut	None	California Polytechnic State University, San Luis Obispo	11.53	35	Geneva College	288.2	35	University of Connecticut	35	35
University of Hawaii, Manoa	None	Louisiana State University & A&M College	11.86	36	South Dakota School of Mines & Tech	288.6	36	New Mexico Institute of Mining & Tech	36	36
University of Idaho	None	Bradley University	12.05	37	Drexel University	297.8	37	Seattle University	37	37
University of Laval	None	University of California, San Diego	12.13	38	Rowan University	316.6	38	Rowan University	38	38
University of Michigan	None	University of Idaho	12.18	39	Louisiana State University & A&M College	334.0	39	Lafayette College	39	39
University of Missouri, Kansas City	None	University of Central Florida	13.87	40	University of Idaho	363.8	40	Texas A&M	40	40
University of New Orleans	None	University of Texas, San Antonio	14.38	41	Milwaukee School of Engineering	369.4	41	University of Alabama	41	41
University of South Florida	None	Milwaukee School of Engineering	14.87	42	University of South Florida	417.2	42	University of California, San Diego	42	42
University of Texas, San Antonio	None	Southern Illinois University, Edwardsville	17.25	43	Bradley University	432.8	43	University of Missouri, Kansas City	43	43
University of Wisconsin - Madison	None	Old Dominion University	23.67	44	University of California, San Diego	511.6	44	Drexel University	44	44
Virginia Polytechnic Institute & State University	None	Fairmont State University	37.01	45	Fairmont State University	1095.4	45	University of South Florida	45	45
Washington State University	None	Georgia Institute of Tech	---	---	Georgia Institute of Tech	---	---	Georgia Institute of Tech	---	---
Youngstown State University	None	University of Nevada Las Vegas	---	---	University of Nevada Las Vegas	---	---	University of Nevada Las Vegas	---	---

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Stiffness			Economy			Efficiency			Overall		
Chapter	Agg Δ	Rank	Chapter	C _c	Rank	Chapter	C _e	Rank	Chapter	C _c + C _e	Rank
University of Central Florida	0.27	1	University of Laval	\$615,000	1	North Dakota State University	\$745,000	1	SUNY Canton	\$1,943,833	1
Seattle University	0.27	2	Lakehead University	\$856,667	2	Virgina Polytechnic Institute & State University	\$839,000	2	North Dakota State University	\$1,947,500	2
University of Colorado Denver	0.31	3	SUNY Canton	\$870,833	3	Washington State University	\$882,000	3	Lakehead University	\$1,983,667	3
University of California, Davis	0.33	4	Lafayette College	\$938,750	4	University of Central Florida	\$902,000	4	Virgina Polytechnic Institute & State University	\$2,001,500	4
Washington State University	0.36	5	Drexel University	\$950,000	5	Seattle University	\$903,000	5	University of California, Berkeley	\$2,039,833	5
North Dakota State University	0.38	6	University of Akron	\$1,053,333	6	University of California, Berkeley	\$969,000	6	Washington State University	\$2,083,250	6
University of Akron	0.38	7	Kansas State University	\$1,067,500	7	University of Hawaii, Manoa	\$998,000	7	Lafayette College	\$2,144,750	7
University of California, Berkeley	0.42	8	University of California, Berkeley	\$1,070,833	8	Clemson University	\$998,000	8	University of California, Davis	\$2,188,333	8
Clemson University	0.42	9	University of California, Davis	\$1,113,333	9	University of Wisconsin - Madison	\$1,030,000	9	University of Akron	\$2,329,333	9
SUNY Canton	0.42	10	Virgina Polytechnic Institute & State University	\$1,162,500	10	Texas A&M	\$1,072,000	10	University of Central Florida	\$2,388,667	10
Virgina Polytechnic Institute & State University	0.46	11	Washington State University	\$1,201,250	11	SUNY Canton	\$1,073,000	11	University of Hawaii, Manoa	\$2,393,833	11
Texas A&M	0.46	12	North Dakota State University	\$1,202,500	12	University of California, Davis	\$1,075,000	12	University of Wisconsin - Madison	\$2,525,833	12
University of California, San Diego	0.51	13	Texas Tech	\$1,260,000	13	Lakehead University	\$1,127,000	13	Clemson University	\$2,541,333	13
University of South Florida	0.51	14	Ecole de Technologie Superieure	\$1,300,000	14	Lafayette College	\$1,206,000	14	University of Missouri, Kansas City	\$2,753,000	14
Lakehead University	0.58	15	University of Michigan	\$1,337,500	15	University of Akron	\$1,276,000	15	Seattle University	\$2,778,000	15
Lawrence Tech	0.58	16	Massachusetts Institute of Technology	\$1,338,333	16	University of Missouri, Kansas City	\$1,278,000	16	Texas Tech	\$2,782,000	16
University of Hawaii, Manoa	0.60	17	University of Hawaii, Manoa	\$1,395,833	17	University of New Orleans	\$1,337,000	17	University of Colorado Denver	\$2,870,500	17
University of Alabama	0.60	18	University of Colorado Denver	\$1,437,500	18	Lawrence Tech	\$1,344,000	18	Massachusetts Institute of Technology	\$2,949,333	18
University of Missouri, Kansas City	0.62	19	University of Missouri, Kansas City	\$1,475,000	19	University of Colorado Denver	\$1,433,000	19	Lawrence Tech	\$2,966,917	19
University of New Orleans	0.63	20	University of Central Florida	\$1,486,667	20	University of Connecticut	\$1,484,000	20	Ecole de Technologie Superieure	\$3,015,000	20
Texas Tech	0.64	21	University of Wisconsin - Madison	\$1,495,833	21	New Mexico Institute of Mining & Tech	\$1,507,000	21	University of New Orleans	\$3,027,000	21
Massachusetts Institute of Technology	0.64	22	Clemson University	\$1,543,333	22	Texas Tech	\$1,522,000	22	University of Laval	\$3,053,000	22
University of Wisconsin - Madison	0.65	23	South Dakota School of Mines & Tech	\$1,550,000	23	New Jersey Institute of Technology	\$1,556,000	23	University of Michigan	\$3,076,500	23
Lafayette College	0.66	24	Lawrence Tech	\$1,622,917	24	Massachusetts Institute of Technology	\$1,611,000	24	New Jersey Institute of Technology	\$3,229,333	24
Youngstown State University	0.74	25	New Jersey Institute of Technology	\$1,673,333	25	Youngstown State University	\$1,654,000	25	Kansas State University	\$3,235,500	25
New Mexico Institute of Mining & Tech	0.74	26	University of New Orleans	\$1,690,000	26	University of Alabama	\$1,675,000	26	University of Connecticut	\$3,254,000	26
Old Dominion University	0.78	27	University of Connecticut	\$1,770,000	27	Ecole de Technologie Superieure	\$1,715,000	27	Texas A&M	\$3,286,583	27
Ecole de Technologie Superieure	0.79	28	California Polytechnic State University, San Luis Obis	\$1,828,750	28	University of Michigan	\$1,739,000	28	Youngstown State University	\$3,583,167	28
University of Idaho	0.79	29	Seattle University	\$1,875,000	29	University of Texas, San Antonio	\$1,867,000	29	Drexel University	\$3,797,000	29
New Jersey Institute of Technology	0.81	30	Louisiana State University & A&M College	\$1,878,750	30	Old Dominion University	\$1,909,000	30	University of Alabama	\$3,958,333	30
University of Texas, San Antonio	0.91	31	University of California, San Diego	\$1,918,750	31	Southern Illinois University, Edwardsville	\$2,061,000	31	University of Texas, San Antonio	\$4,074,500	31
University of Connecticut	0.91	32	Youngstown State University	\$1,929,167	32	Kansas State University	\$2,168,000	32	New Mexico Institute of Mining & Tech	\$4,211,167	32
Milwaukee School of Engineering	1.26	33	Rowan University	\$1,962,500	33	University of Idaho	\$2,372,000	33	California Polytechnic State University, San Luis Obis	\$4,227,750	33
University of Michigan	1.45	34	Geneva College	\$1,970,000	34	California Polytechnic State University, San Luis Obis	\$2,399,000	34	South Dakota School of Mines & Tech	\$4,470,000	34
University of Laval	1.50	35	University of Texas, San Antonio	\$2,207,500	35	University of Laval	\$2,438,000	35	Geneva College	\$4,587,000	35
Southern Illinois University, Edwardsville	1.51	36	Texas A&M	\$2,214,583	36	University of South Florida	\$2,443,000	36	University of South Florida	\$4,783,000	36
Bradley University	1.67	37	University of Alabama	\$2,283,333	37	Geneva College	\$2,617,000	37	Rowan University	\$4,791,500	37
Geneva College	1.68	38	University of South Florida	\$2,340,000	38	Milwaukee School of Engineering	\$2,729,000	38	University of California, San Diego	\$4,833,750	38
Rowan University	1.78	39	University of Idaho	\$2,486,667	39	Rowan University	\$2,829,000	39	University of Idaho	\$4,858,667	39
Kansas State University	1.79	40	New Mexico Institute of Mining & Tech	\$2,704,167	40	Drexel University	\$2,847,000	40	Louisiana State University & A&M College	\$4,920,750	40
California Polytechnic State University, San Luis Obis	1.85	41	Bradley University	\$3,112,500	41	University of California, San Diego	\$2,915,000	41	Southern Illinois University, Edwardsville	\$5,561,000	41
Drexel University	1.94	42	Southern Illinois University, Edwardsville	\$3,500,000	42	South Dakota School of Mines & Tech	\$2,920,000	42	Bradley University	\$6,445,500	42
Louisiana State University & A&M College	1.96	43	Milwaukee School of Engineering	\$3,816,667	43	Louisiana State University & A&M College	\$3,042,000	43	Milwaukee School of Engineering	\$6,545,667	43
South Dakota School of Mines & Tech	2.11	44	Old Dominion University	\$4,833,333	44	Bradley University	\$3,333,000	44	Old Dominion University	\$6,742,333	44
Fairmont State University	60.00	45	Fairmont State University	\$7,501,667	45	Fairmont State University	\$47,477,000	45	Fairmont State University	\$54,978,667	45
Georgia Institute of Tech	---	---	Georgia Institute of Tech	---	---	Georgia Institute of Tech	---	---	Georgia Institute of Tech	---	---
University of Nevada Las Vegas	---	---	University of Nevada Las Vegas	---	---	University of Nevada Las Vegas	---	---	University of Nevada Las Vegas	---	---