

2006 ASCE/AISC Student Steel Bridge Competition Category Ranking Sheet

Version Date: 3/9/06

Competition: National Student Steel Bridge Competition 2006
 Location: University of Utah - Salt Lake City
 Date: 5/27/2006

Disqualifications		Construction Speed			Lightness			Aesthetics		
Chapter	DQ	Chapter	Time	Rank	Chapter	Weight	Rank	Chapter	Score	Rank
cole de Technologie Superieur	8.2	SUNY Coll of Tech, Canton	4.57	1	Gonzaga Univ.	162	1	Lakehead Univ.	1	1
Louisiana State Univ.	11.5.c	Cal Poly SLO	4.67	2	North Dakota State Univ.	187	2	Univ of Wisconsin, Madison	2	2
Univ of Idaho	11.5.e	Clemson Univ.	4.72	3	Lakehead Univ.	206	3	wrence Technological Univers	3	3
Arkansas State Univ.	None	Univ of Wisconsin, Madison	4.77	4	wrence Technological Univers	216	4	Cal Poly SLO	4	4
Cal Poly SLO	None	outhern Polytechnic State Uni	5.58	5	Ohio State Univ.	225	5	Univ of British Columbia	5	5
California State Univ, Chico	None	North Dakota State Univ.	5.62	6	Univ of Cal, San Diego	234	6	Univ of Cal, San Diego	6	6
Clemson Univ.	None	Georgia Inst. of Technology	6.23	7	outhern Polytechnic State Univ	235.75	7	North Dakota State Univ.	7	7
Colorado School of Mines	None	Univ of Cal, San Diego	6.38	8	Univ of North Florida	236	8	Univ of Cal, Davis	8	8
Georgia Inst. of Technology	None	Univ of Missouri, Kansas City	6.63	9	Univ of Cal, Berkeley	242	9	Univ of Hawaii	9	9
Gonzaga Univ.	None	Oregon Inst of Tech.	7.28	10	California State Univ, Chico	250	10	Univ of Cal, Berkeley	10	10
Hudson Valley CC	None	Ohio State Univ.	7.45	11	Michigan State Univ.	251	11	outhern Polytechnic State Uni	11	11
Kansas State University	None	Univ of Cal, Davis	7.47	12	Univ of Cal, Davis	252	12	Georgia Inst. of Technology	12	12
Lafayette College	None	Texas A&M, Kingsville	7.58	13	Univ of Texas at Austin	270	13	New Jersey Institute of Tech.	13	13
Lakehead Univ.	None	Lakehead Univ.	7.73	14	outhern Illinois Univ, Carbonda	276	14	Clemson Univ.	14	14
wrence Technological Univers	None	California State Univ, Chico	7.77	15	Texas A&M, College Station	282	15	Univ of Maine	15	15
Michigan State Univ.	None	Lafayette College	8.18	16	New Jersey Institute of Tech.	293	16	Virginia Tech	16	16
New Jersey Institute of Tech.	None	Univ of Cal, Berkeley	8.53	17	Univ of Missouri, Kansas City	293	17	Univ of Delaware	17	17
New York City Coll of Tech.	None	Univ of North Florida	8.75	18	Univ of Hawaii	302	18	Oregon Inst of Tech.	18	18
North Dakota State Univ.	None	Virginia Tech	8.98	19	SUNY Coll of Tech, Canton	305	19	Youngstown State Univ.	19	19
Ohio State Univ.	None	Arkansas State Univ.	9.67	20	Univ of Wisconsin, Madison	309	20	Gonzaga Univ.	20	20
Old Dominion Univ.	None	Univ of British Columbia	10.78	21	Georgia Inst. of Technology	314	21	Univ of Missouri, Kansas City	21	21
Oregon Inst of Tech.	None	Old Dominion Univ.	11.32	22	Virginia Tech	337	22	Univ of Illinois, Chicago	22	22
outhern Illinois Univ, Carbonda	None	Univ of Hawaii	12.54	23	Kansas State University	354	23	Arkansas State Univ.	23	23
outhern Polytechnic State Uni	None	wrence Technological Univers	13.08	24	Utah State Univ	362	24	Kansas State University	24	24
SUNY Coll of Tech, Canton	None	Univ of Connecticut	13.50	25	Cal Poly SLO	377	25	Univ of Connecticut	25	25
Tennessee Tech Univ.	None	Texas A&M, College Station	14.24	26	Clemson Univ.	403	26	Texas A&M, Kingsville	26	26
Texas A&M, College Station	None	Kansas State University	14.45	27	Texas A&M, Kingsville	478	27	Ohio State Univ.	27	27
Texas A&M, Kingsville	None	Michigan State Univ.	14.55	28	Univ of British Columbia	501	28	Lafayette College	29	28
Univ of British Columbia	None	Univ of Maine	16.10	29	Oregon Inst of Tech.	508	29	Michigan State Univ.	29	28
Univ of Cal, Berkeley	None	Colorado School of Mines	16.15	30	Colorado School of Mines	530	30	Hudson Valley CC	30	30
Univ of Cal, Davis	None	Utah State Univ	16.43	31	Lafayette College	533	31	Univ of North Florida	31	31
Univ of Cal, San Diego	None	outhern Illinois Univ, Carbonda	16.95	32	Old Dominion Univ.	547	32	Tennessee Tech Univ.	32	32
Univ of Connecticut	None	Hudson Valley CC	17.03	33	Arkansas State Univ.	595	33	SUNY Coll of Tech, Canton	33	33
Univ of Delaware	None	Gonzaga Univ.	17.45	34	Hudson Valley CC	596	34	Utah State Univ	34	34
Univ of Hawaii	None	New Jersey Institute of Tech.	20.39	35	Univ of Connecticut	608	35	outhern Illinois Univ, Carbonda	35	35
Univ of Illinois, Chicago	None	Univ of Utah	24.42	36	Univ of Maine	682	36	Colorado School of Mines	36	36
Univ of Maine	None	Univ of Texas at Austin	24.72	37	Youngstown State Univ.	925	37	Univ of Utah	37	37
Univ of Missouri, Kansas City	None	Tennessee Tech Univ.	27.57	38	Tennessee Tech Univ.	969	38	Old Dominion Univ.	38	38
Univ of North Florida	None	Youngstown State Univ.	41.72	39	Univ of Utah	998	39	California State Univ, Chico	39	39
Univ of Texas at Austin	None	Univ of Illinois, Chicago	55.02	40	Univ of Delaware	1151	40	Univ of Texas at Austin	40	40
Univ of Utah	None	Univ of Delaware	59.75	41	Univ of Illinois, Chicago	1229	41	Texas A&M, College Station	41	41
Univ of Wisconsin, Madison	None	New York City Coll of Tech.	225.03	42	New York City Coll of Tech.	1653	42	New York City Coll of Tech.	42	42
Utah State Univ	None	cole de Technologie Superieur	9999.99	43	cole de Technologie Superieur	9999	43	cole de Technologie Superieur	9999	43
Virginia Tech	None	Louisiana State Univ.	9999.99	43	Louisiana State Univ.	9999	43	Louisiana State Univ.	9999	43
Youngstown State Univ.	None	Univ of Idaho	9999.99	43	Univ of Idaho	9999	43	Univ of Idaho	9999	43
zz Not Used	NU	zz Not Used	9999.99	43	zz Not Used	9999	43	zz Not Used	9999	43
zz Not Used	NU	zz Not Used	9999.99	43	zz Not Used	9999	43	zz Not Used	9999	43
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zz Not Used	NU	zz Not Used	9999.99	43	zz Not Used	9999	43	zz Not Used	9999	43
zz Not Used	NU	zz Not Used	9999.99	43	zz Not Used	9999	43	zz Not Used	9999	43

Note: Aesthetics breaks all ties

Note: Corrections made 5/29 after reviewing of data sheets

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Version Date: 3/9/06

Competition: National Student Steel Bridge Competition 2006
 Location: University of Utah - Salt Lake City
 Date: 5/27/2006

Stiffness			Economy			Efficiency			Overall		
Chapter	Agg Δ	Rank	Chapter	C _c	Rank	Chapter	C _s	Rank	Chapter	C _c + C _s	Rank
Hudson Valley CC	0.33	1	Cal Poly SLO	\$933,333	1	North Dakota State Univ.	\$1,907,400	1	North Dakota State Univ.	\$3,311,567	1
SUNY Coll of Tech, Canton	0.33	2	Clemson Univ.	\$1,179,167	2	SUNY Coll of Tech, Canton	\$2,013,000	2	SUNY Coll of Tech, Canton	\$3,383,000	2
Clemson Univ.	0.39	3	Univ of Wisconsin, Madison	\$1,191,667	3	Lakehead Univ.	\$2,060,000	3	Univ of Wisconsin, Madison	\$3,725,467	3
Univ of Wisconsin, Madison	0.41	4	Georgia Inst. of Technology	\$1,346,667	4	Univ of Wisconsin, Madison	\$2,533,800	4	Georgia Inst. of Technology	\$3,921,467	4
Georgia Inst. of Technology	0.41	5	SUNY Coll of Tech, Canton	\$1,370,000	5	Georgia Inst. of Technology	\$2,574,800	5	Lakehead Univ.	\$3,993,333	5
Lakehead Univ.	0.50	6	North Dakota State Univ.	\$1,404,167	6	wrence Technological Univers	\$2,635,200	6	Clemson Univ.	\$4,322,567	6
North Dakota State Univ.	0.51	7	Univ of Cal, San Diego	\$1,595,833	7	California State Univ, Chico	\$2,900,000	7	Univ of Cal, San Diego	\$4,731,433	7
California State Univ, Chico	0.58	8	outhern Polytechnic State Uni	\$1,675,000	8	Univ of Cal, Davis	\$3,024,000	8	California State Univ, Chico	\$4,841,667	8
Univ of Cal, Davis	0.60	9	Univ of Cal, Berkeley	\$1,806,667	9	Univ of Cal, San Diego	\$3,135,600	9	Univ of Cal, Davis	\$4,890,667	9
wrence Technological Univers	0.61	10	Univ of Cal, Davis	\$1,866,667	10	Clemson Univ.	\$3,143,400	10	wrence Technological Univers	\$5,251,867	10
Univ of Cal, San Diego	0.67	11	Lakehead Univ.	\$1,933,333	11	Gonzaga Univ.	\$3,466,800	11	Univ of Cal, Berkeley	\$6,211,067	11
New Jersey Institute of Tech.	0.67	12	California State Univ, Chico	\$1,941,667	12	Michigan State Univ.	\$3,514,000	12	Michigan State Univ.	\$6,424,000	12
Michigan State Univ.	0.70	13	Univ of Missouri, Kansas City	\$1,990,000	13	New Jersey Institute of Tech.	\$3,926,200	13	Gonzaga Univ.	\$6,956,800	13
Univ of Hawaii	0.71	14	Lafayette College	\$2,045,833	14	Hudson Valley CC	\$3,933,600	14	outhern Polytechnic State Uni	\$7,050,100	14
Univ of Utah	0.72	15	Oregon Inst of Tech.	\$2,185,000	15	Univ of Hawaii	\$4,288,400	15	Univ of Missouri, Kansas City	\$7,498,400	15
Univ of Maine	0.76	16	Univ of North Florida	\$2,187,500	16	Univ of Cal, Berkeley	\$4,404,400	16	Virginia Tech	\$7,637,833	16
Virginia Tech	0.80	17	Ohio State Univ.	\$2,235,000	17	Texas A&M, College Station	\$5,188,800	17	Univ of North Florida	\$7,709,900	17
Univ of Cal, Berkeley	0.91	18	Virginia Tech	\$2,245,833	18	outhern Polytechnic State Uni	\$5,375,100	18	Univ of Hawaii	\$8,050,900	18
Texas A&M, College Station	0.92	19	Texas A&M, Kingsville	\$2,275,000	19	Virginia Tech	\$5,392,000	19	New Jersey Institute of Tech.	\$8,104,533	19
Univ of Missouri, Kansas City	0.94	20	wrence Technological Univers	\$2,616,667	20	Univ of Missouri, Kansas City	\$5,508,400	20	Hudson Valley CC	\$8,191,933	20
Univ of Connecticut	0.97	21	Univ of British Columbia	\$2,695,833	21	Univ of North Florida	\$5,522,400	21	Texas A&M, College Station	\$8,749,217	21
Texas A&M, Kingsville	0.97	22	Kansas State University	\$2,890,000	22	uthern Illinois Univ, Carbonda	\$6,458,400	22	Cal Poly SLO	\$10,282,933	22
Oregon Inst of Tech.	0.99	23	Arkansas State Univ.	\$2,900,000	23	Texas A&M, Kingsville	\$9,273,200	23	uthern Illinois Univ, Carbonda	\$10,695,900	23
Lafayette College	1.00	24	Michigan State Univ.	\$2,910,000	24	Cal Poly SLO	\$9,349,600	24	Texas A&M, Kingsville	\$11,548,200	24
Gonzaga Univ.	1.07	25	Old Dominion Univ.	\$3,395,000	25	Oregon Inst of Tech.	\$10,058,400	25	Oregon Inst of Tech.	\$12,243,400	25
outhern Polytechnic State Uni	1.14	26	Gonzaga Univ.	\$3,490,000	26	Univ of Maine	\$10,366,400	26	Lafayette College	\$12,705,833	26
Univ of North Florida	1.17	27	Texas A&M, College Station	\$3,560,417	27	Lafayette College	\$10,660,000	27	Ohio State Univ.	\$13,125,000	27
uthern Illinois Univ, Carbonda	1.17	28	Univ of Hawaii	\$3,762,500	28	Ohio State Univ.	\$10,890,000	28	Kansas State University	\$14,713,600	28
Old Dominion Univ.	1.20	29	Colorado School of Mines	\$4,037,500	29	Univ of Connecticut	\$11,795,200	29	Univ of Maine	\$15,196,400	29
Cal Poly SLO	1.24	30	Univ of Connecticut	\$4,050,000	30	Kansas State University	\$11,823,600	30	Univ of Connecticut	\$15,845,200	30
Arkansas State Univ.	1.25	31	New Jersey Institute of Tech.	\$4,178,333	31	Utah State Univ	\$12,163,200	31	Utah State Univ	\$16,371,533	31
Tennessee Tech Univ.	1.27	32	Utah State Univ	\$4,208,333	32	Old Dominion Univ.	\$13,128,000	32	Old Dominion Univ.	\$16,523,000	32
Colorado School of Mines	1.40	33	uthern Illinois Univ, Carbonda	\$4,237,500	33	Univ of Utah	\$14,371,200	33	Arkansas State Univ.	\$17,775,000	33
Kansas State University	1.67	34	Hudson Valley CC	\$4,258,333	34	Colorado School of Mines	\$14,840,000	34	Colorado School of Mines	\$18,877,500	34
Utah State Univ	1.68	35	Univ of Maine	\$4,830,000	35	Arkansas State Univ.	\$14,875,000	35	Univ of British Columbia	\$19,629,633	35
Univ of British Columbia	1.69	36	Univ of Utah	\$6,104,167	36	Univ of Texas at Austin	\$15,336,000	36	Univ of Utah	\$20,475,367	36
Ohio State Univ.	2.42	37	Univ of Texas at Austin	\$6,179,167	37	Univ of British Columbia	\$16,933,800	37	Univ of Texas at Austin	\$21,515,167	37
Univ of Texas at Austin	2.84	38	Tennessee Tech Univ.	\$6,891,667	38	Tennessee Tech Univ.	\$24,612,600	38	Tennessee Tech Univ.	\$31,504,267	38
Univ of Delaware	60.00	39	Youngstown State Univ.	\$10,429,167	39	Youngstown State Univ.	\$1,110,000,000	39	Youngstown State Univ.	\$1,120,429,167	39
Youngstown State Univ.	60.00	40	Univ of Illinois, Chicago	\$13,754,167	40	Univ of Delaware	\$1,381,200,000	40	Univ of Delaware	\$1,399,225,000	40
Univ of Illinois, Chicago	60.00	41	Univ of Delaware	\$18,025,000	41	Univ of Illinois, Chicago	\$1,474,800,000	41	Univ of Illinois, Chicago	\$1,488,554,167	41
New York City Coll of Tech.	60.00	42	New York City Coll of Tech.	\$67,607,500	42	New York City Coll of Tech.	\$1,983,600,000	42	New York City Coll of Tech.	\$2,051,207,500	42
ole de Technologie Superieur	9999.99	43	ole de Technologie Superieur	\$999,999,999	43	ole de Technologie Superieur	#####	43	ole de Technologie Superieur	#####	43
Louisiana State Univ.	9999.99	43	Louisiana State Univ.	\$999,999,999	43	Louisiana State Univ.	#####	43	Louisiana State Univ.	#####	43
Univ of Idaho	9999.99	43	Univ of Idaho	\$999,999,999	43	Univ of Idaho	#####	43	Univ of Idaho	#####	43
zz Not Used	9999.99	43	zz Not Used	\$999,999,999	43	zz Not Used	#####	43	zz Not Used	#####	43
zz Not Used	9999.99	43	zz Not Used	\$999,999,999	43	zz Not Used	#####	43	zz Not Used	#####	43
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zz Not Used	9999.99	43	zz Not Used	\$999,999,999	43	zz Not Used	#####	43	zz Not Used	#####	43
zz Not Used	9999.99	43	zz Not Used	\$999,999,999	43	zz Not Used	#####	43	zz Not Used	#####	43

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