

2018 ASCE/AISC Student Steel Bridge Competition Category Ranking Sheet

Version Date: 9/23/2017

Competition: Pacific Southwest  
 Location: Arizona State University/Northern Arizona University  
 Date: 4/14/2018

S = 1

Not Ranked			Construction Speed			Lightness			Display		
Chapter	NR		Chapter	Time	Rank	Chapter	Weight	Rank	Chapter	Score	Rank
University of California, San Diego	11.1:		California Polytechnic State University (SLO)	2.68	1	California Polytechnic State University (SLO)	144	1	California State Polytechnic University, Pomona	1	1
Arizona State University	11.4:		California State University, Northridge	5.00	2	California State Polytechnic University, Pomona	152	2	University of Hawaii	2	2
California State University, Long Beach	11.4:		California State Polytechnic University, Pomona	7.17	3	California State University, Northridge	193	3	Northern Arizona University	3	3
University of California, Los Angeles	11.4:		California State University, Fullerton	21.33	4	University of Hawaii	271	4	University of Arizona	3	5
University of Southern California	11.4:		University of Arizona	24.77	5	Northern Arizona University	279	5	California Polytechnic State University (SLO)	5	5
University of California, Irvine	11.5:		University of Hawaii	25.52	6	University of Arizona	289	6	California State University, Fullerton	5	5
Loyola Marymount University	4:		San Diego State University	32.42	7	California State University, Los Angeles	521	7	San Diego State University	5	5
University of Nevada, Las Vegas	4:		California State University, Los Angeles	84.70	8	San Diego State University	534	8	California State University, Northridge	8	8
California Baptist University	9.3:		Northern Arizona University	187.75	9	California State University, Fullerton	605	9	California State University, Los Angeles	9	9
California Polytechnic State University (SLO)	None		Arizona State University	---	---	Arizona State University	---	---	Arizona State University	---	---
California State Polytechnic University, Pomona	None		California Baptist University	---	---	California Baptist University	---	---	California Baptist University	---	---
California State University, Los Angeles	None		California State University, Long Beach	---	---	California State University, Long Beach	---	---	California State University, Long Beach	---	---
California State University, Fullerton	None		Loyola Marymount University	---	---	Loyola Marymount University	---	---	Loyola Marymount University	---	---
California State University, Northridge	None		University of California, Irvine	---	---	University of California, Irvine	---	---	University of California, Irvine	---	---
Northern Arizona University	None		University of California, Los Angeles	---	---	University of California, Los Angeles	---	---	University of California, Los Angeles	---	---
San Diego State University	None		University of California, San Diego	---	---	University of California, San Diego	---	---	University of California, San Diego	---	---
University of Arizona	None		University of Nevada, Las Vegas	---	---	University of Nevada, Las Vegas	---	---	University of Nevada, Las Vegas	---	---
University of Hawaii	None		University of Southern California	---	---	University of Southern California	---	---	University of Southern California	---	---

Stiffness			Economy			Efficiency			Overall		
Chapter	Agg Δ	Rank	Chapter	C <sub>c</sub>	Rank	Chapter	C <sub>s</sub>	Rank	Chapter	C <sub>c</sub> + C <sub>s</sub>	Rank
California Polytechnic State University (SLO)	0.24	1	California Polytechnic State University (SLO)	\$751,333	1	California Polytechnic State University (SLO)	\$840,000	1	California Polytechnic State University (SLO)	\$1,591,333	1
California State University, Northridge	0.47	2	California State University, Northridge	\$1,400,000	2	California State University, Northridge	\$1,775,000	2	California State University, Northridge	\$3,175,000	2
California State Polytechnic University, Pomona	0.64	3	California State Polytechnic University, Pomona	\$2,006,667	3	California State Polytechnic University, Pomona	\$2,077,500	3	California State Polytechnic University, Pomona	\$4,084,167	3
Northern Arizona University	0.7	4	California State University, Fullerton	\$8,960,000	4	Northern Arizona University	\$2,895,000	4	University of Hawaii	\$16,318,167	4
California State University, Fullerton	0.93	5	San Diego State University	\$11,345,833	5	University of Hawaii	\$3,815,000	5	San Diego State University	\$17,525,833	5
University of Hawaii	1.02	6	University of Hawaii	\$12,503,167	6	San Diego State University	\$6,180,000	6	California State University, Fullerton	\$22,275,000	6
San Diego State University	1.37	7	University of Arizona	\$16,135,667	7	California State University, Fullerton	\$13,315,000	7	University of Arizona	\$34,840,667	7
University of Arizona	2.62	8	Northern Arizona University	\$65,712,500	8	California State University, Los Angeles	\$16,615,000	8	Northern Arizona University	\$68,607,500	8
California State University, Los Angeles	2.73	9	California State University, Los Angeles	\$136,367,000	9	University of Arizona	\$18,705,000	9	California State University, Los Angeles	\$152,982,000	9
Arizona State University	---	---	Arizona State University	---	---	Arizona State University	---	---	Arizona State University	---	---
California Baptist University	---	---	California Baptist University	---	---	California Baptist University	---	---	California Baptist University	---	---
California State University, Long Beach	---	---	California State University, Long Beach	---	---	California State University, Long Beach	---	---	California State University, Long Beach	---	---
Loyola Marymount University	---	---	Loyola Marymount University	---	---	Loyola Marymount University	---	---	Loyola Marymount University	---	---
University of California, Irvine	---	---	University of California, Irvine	---	---	University of California, Irvine	---	---	University of California, Irvine	---	---
University of California, Los Angeles	---	---	University of California, Los Angeles	---	---	University of California, Los Angeles	---	---	University of California, Los Angeles	---	---
University of California, San Diego	---	---	University of California, San Diego	---	---	University of California, San Diego	---	---	University of California, San Diego	---	---
University of Nevada, Las Vegas	---	---	University of Nevada, Las Vegas	---	---	University of Nevada, Las Vegas	---	---	University of Nevada, Las Vegas	---	---
University of Southern California	---	---	University of Southern California	---	---	University of Southern California	---	---	University of Southern California	---	---