



2015 National Student Steel Bridge Competition

Mailer II



UMKC

NSSBC 2015

ASCE/AISC

May 15, 2015

Department of Civil and Mechanical Engineering
University of Missouri-Kansas City
5100 Rockhill Road, Kansas City, MO 64138

Dear National Qualifying Steel Bridge Team,

Congratulations! Your team has successfully made it through your ASCE Student Conference Regional Competition. We would like to extend a formal invitation for your team to attend the 2015 National Student Steel Bridge Competition hosted by the University of Missouri-Kansas City, May 22nd and 23rd, 2015.

This is the second mailer that will be sent out to teams who have qualified for the 2015 NSSBC. Please read this entire mailer as it includes important deadline information. In addition to this mailer, you have received an attachment entitled "2015 Sample Contracts" for your team to be familiar with when you arrive at the competition. These sample contracts are only for your reference and must be signed in person at the competition.

This is the final mailer that will be provided. All information can be found on our website – sce.umkc.edu/nssbc.

Sincerely,

Sean Micheal

The University of Missouri-Kansas City
NSSBC 2015 Co-Chair

Paige Norris

The University of Missouri-Kansas City
NSSBC 2015 Co-Chair

Jerry Richardson, Ph.D.

The University of Missouri-Kansas City
NSSBC 2015 Faculty Advisor

Schedule of Events

Friday, May 22nd, 2015		
Time	Event	Location
11:00am - 3:00pm	Team Registration	Kansas City Convention Center Banquet Hall
12:00pm - 2:30pm	Display Setup	Kansas City Convention Center Banquet Hall
3:00pm - 5:00pm	Display Judging	Kansas City Convention Center Banquet Hall
5:30pm	Captain's Meeting	Kansas City Convention Center Room 2104
Saturday, May 23rd, 2015		
Time	Event	Location
7:00am - 8:00am	Report to Competition Site / Pre-stage Bridges (First 5 teams stage, next 5 pre-stage)	Kansas City Convention Center Event Hall A
8:00am - 5:00pm	Main Competition	Kansas City Convention Center Event Hall A
12:00pm - 2:00pm	Lunch	Kansas City Convention Center Room 2104
7:00pm - 10:00pm	Awards Banquet	Kansas City Convention Center Banquet Hall

Competition Order

Display Station/ Build Order #	Institution Name	Display Station/ Build Order #	Institution Name
1	University of Hawaii at Manoa	26	Arkansas State Univeristy
2	The University of Akron	27	California State University, Sacramento
3	Kansas State University	28	Utah State University
4	University of Puerto Rico- Mayaguez	29	University of Florida
5	Merrimack College	30	George Mason
6	University of Alaska Fairbanks	31	New Mexico State University
7	University of Kansas	32	Clemson University
8	Universidad Autonoma del Estado de Mexico	33	University of Vermont
9	Louisiana Tech University	34	SUNY Buffalo
10	Universite Laval	35	University of Missouri, Kansas City
11	Ecole de Technologie Superieure	36	University of Wisconsin-Madison
12	Rowan University	37	University of California, Davis
13	Western Kentucky University	38	SUNY College of Technology at Canton
14	Milwaukee School of Engineering	39	Lakehead University
15	Michigan State University	40	Michigan Technology University
16	The Pennsylvania State University	41	University of Illinois at Chicago
17	Virginia Tech	42	University of Maryland
18	University of Texas - San Antonio	43	University of Central Florida
19	Oregon State University	44	Kennesaw State University
20	Texas A&M University - College Station	45	Iowa State University
21	California Polytechnic State University, San Luis Obispo	46	California State University, Northridge
22	University of Pittsburgh	47	New Jersey Institute of Technology
23	University of North Carolina - Charlotte		
24	Lafayette College		
25	South Dakota School of Mines and Technology		

The competition order number will also serve as your display station number. Please note that the first 10 teams must be prestaged for construction at the event start on Saturday. The display stations can be seen on the attached floorplan of the display event.

Travel and Shipping Information

Flying to Kansas City

Kansas City International Airport (MCI) is located 20 minutes north of the competition venue. Rental car companies and shuttles are available to and from the airport.

Shipping Your Bridge

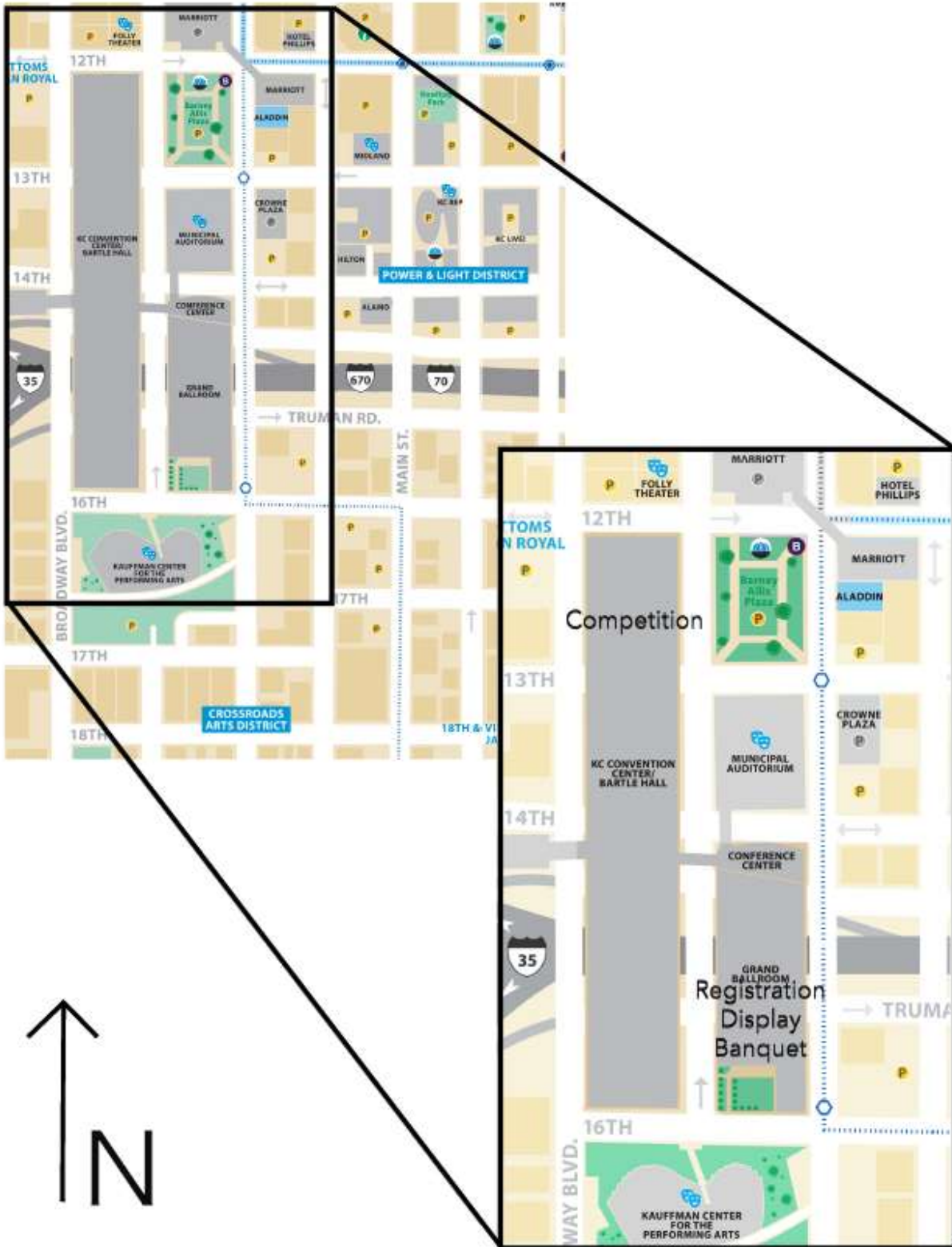
A local FedEx store is located close to the competition venue. If you are shipping your bridge, they are open until 9pm on both Saturday the 23rd, and Sunday the 24th. They are able to receive and hold your bridge for pickup on Friday the 22nd as well. Unfortunately, shipping directly to the venue is not an option as security of your bridge is not guaranteed.

FedEx Office Print & Ship Center

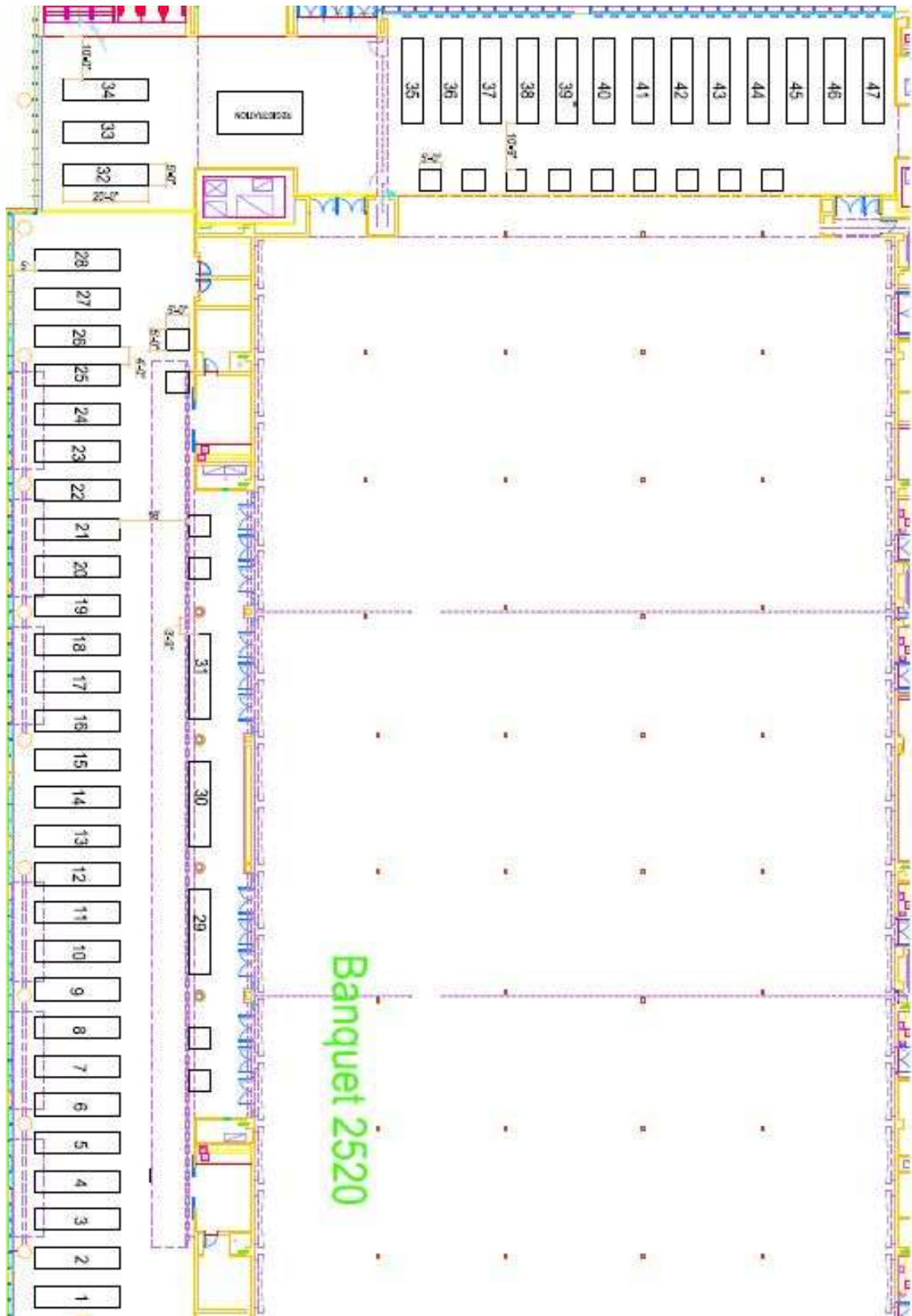
1111 Main Street, Suite 111
Kansas City, MO 64105

(816) 221-6222

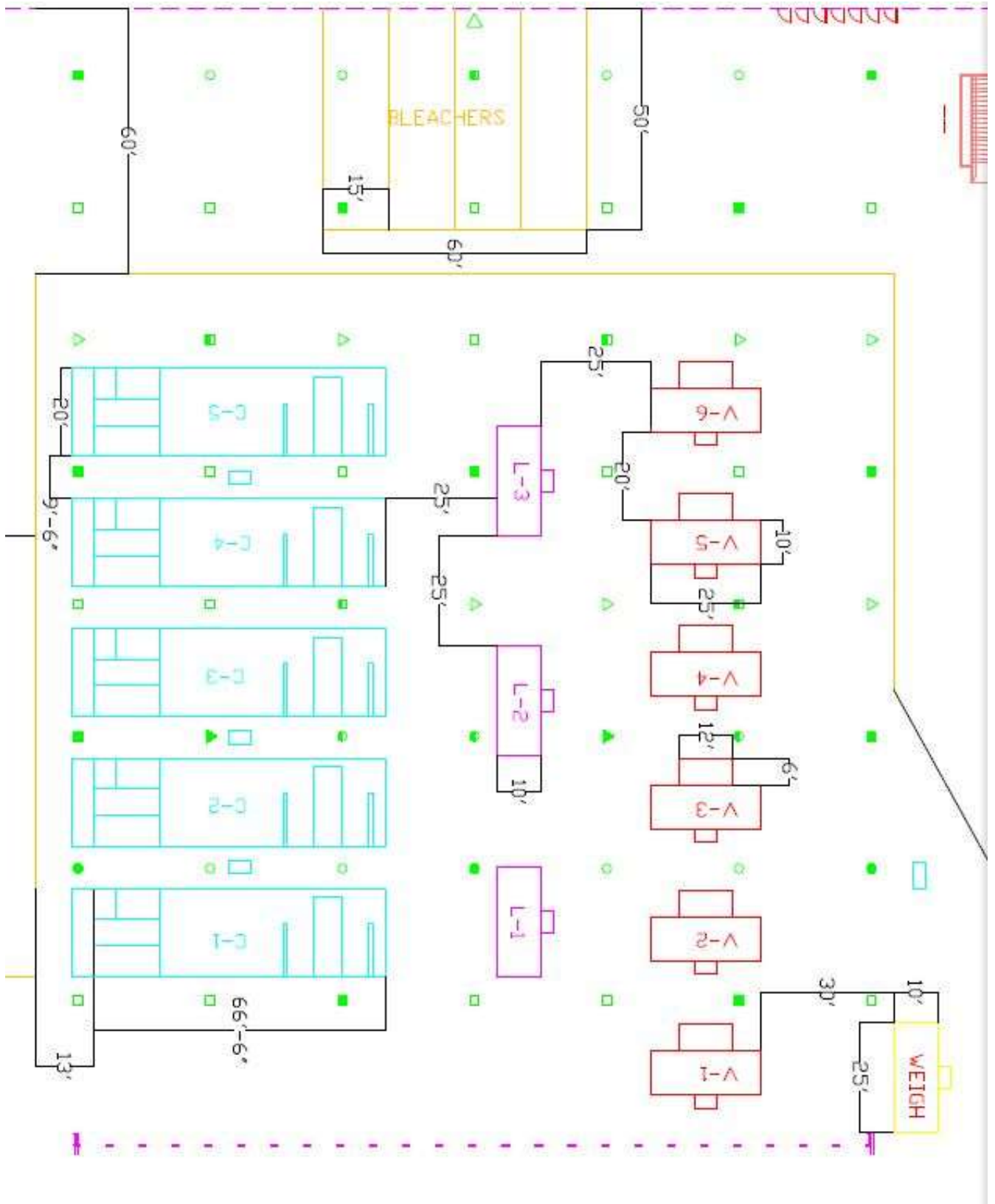
Venue map



Competition Layouts – Display



Competition Layouts – Construction



Hotel Information

We have reserved 100 rooms at the Aladdin Holiday Inn Hotel at a great rate of \$129/room. This is the most competitive rate available in downtown Kansas City, especially during Memorial Day Weekend. Additionally, it is one block from the venue and many great restaurants and bars. Your team will not need a car during the event. To book please use the link below for the group rate.

At this time this room block is fully booked.

The Aladdin Holiday Inn Hotel
1215 Wyandotte St.
Kansas City, MO 64105
816-421-8888

Bookings: <https://resweb.passkey.com/go/b97fab8a>

Oversized Vehicle and Trailer Parking

We have limited oversized vehicle and trailer parking available, however normal vehicles (including pickups) will need to be parked at the hotel lot, or in the lots nearby the venue. Please indicate on the registration form whether you will need oversized vehicle or trailer parking. If you are towing a trailer with a pickup, the trailer will be parked in the trailer lot and the pickup will be disconnected and parked elsewhere.

Registration & Payment Information

Each attendee must pre-register for the event. Registered attendees include students, faculty, and friends. Only registered participants will be allowed to attend the banquet, and partake in the Saturday lunch, however the floor of the competition will remain open to the general public.

Additionally, please find attached samples of the contracts that each team will need to accept and sign upon arrival and check-in to the event.

Team Slide!

We would like to put together a fun slideshow for the competition. Please see the example below and email a powerpoint slide with the same information to nssbc2015@gmail.com. Have fun with it! Feel free to personalize as much as you like as long as it is appropriate and contains the same information.

TEAM NAME
UNIVERSITY NAME

TEAM MOTTO
"Shoot for the moon. Even if you miss, you'll land among the stars."

WHY THEY'LL WIN:
Fast, agile, brainy and good in a pinch.

FAVORITE BRIDGE STYLE:
Tied Arch



Contacts

For general Inquiries:

nssbc2015@gmail.com

Sean Micheal

The University of Missouri-Kansas City

NSSBC 2015 Co-Chair

816.405.0973

smpfd@mail.umkc.edu

Paige Norris

The University of Missouri-Kansas City

NSSBC 2015 Co-Chair

plnggb@mail.umkc.edu

Jerry Richardson, Ph.D.

The University of Missouri-Kansas City

NSSBC 2015 Faculty Advisor - richardsonj@umkc.edu

SAMPLE

Construction Area Agreement - 2015

To satisfy rule 10.2.2, only the construction team members that participate in the actual construction of the bridge are allowed on the construction floor. No other team members, advisers, or guests will be allowed on the construction floor. Teams will only be permitted to enter the construction floor when directed. Each member of the team must also wear the appropriate identifier provided by the University of Missouri – Kansas City to distinguish their right to be on the floor.

Please indicate the number of builders that will be required to construct your bridge per 10.2.3

Number _____

Please note that if there is a conflict between the number indicated above and the number of builders that participate during construction, the larger number of the two will be used for scoring.

Teams will be allowed a **maximum of 3** builders to participate in the lateral and vertical loading processes.

Teams with 2 or less builders will be allowed a total of 3 team members on the floor to assist **only** during the lateral and vertical loading processes.

Building team members may exchange identifiers at the entrance to allow for different team members to participate in the lateral and vertical loading processes.

School Name _____

Team Captain (Print) _____

Team Captain (Sign) _____

SAMPLE

Team Captain Contract – 2015

I acknowledge that:

1) A team representative is required to attend the Team Captain's Meeting on May 24th after the display competition. I understand that if a representative does not attend the meeting, there will be a **\$50,000** fine added to my team's score.

2) My team has been assigned a starting position number, not a time slot, for the competition. I am required to be aware of the pace of the competition and have my team ready to take the floor for construction on Saturday when called. Failure to be ready will result in a **\$100,000** fine added to my score and my original position to be moved to last.

School Name _____

Team Captain (print) _____

Team Captain (signature) _____