

Presented by 3M

2018 *Year of the Engineer*  
**Report on Civil Engineering Day**  
Made possible by support from  
**American Public Works Association**



THANK YOU for your Civil Engineering Day sponsorship and commitment to future engineers!



On Civil Engineering Day, 2,289 visitors to the Science Museum met dozens of civil engineers and tinkered with activities that address the challenges civil engineers face every day.

Visitors also had the opportunity to experience the blockbuster exhibit *Towers of Tomorrow with Lego Bricks* and to see *Dream Big: Engineering Our World* Omnitheater film.

In this report, you will find copies of our Save the Date poster, a screenshot of our Civil Engineering Day webpage, a Thank You Sponsors flyer, and the full Civil Engineering Day Program, which details all of the organizations that hosted activity booths.

With your Supporting Sponsorship, your organization received the following benefits:

- APWA's logo was featured on the main Civil Engineering Day page on the Science Museum's website, the event-day program, and emails to SMM lists
- APWA's logo was highlighted on our Thank You to Civil Engineering Day Sponsors signage
- APWA is recognized as a sponsor of Year of the Engineer on our website landing page and on the museum's lobby monitor (active through December 2018)
- The opportunity to host an activity booth on Civil Engineering Day to engage with kids and families
- 25 general admission ticket vouchers for the organization



Thank you for helping the Science Museum reach its goal of connecting 1 million people with engineering experiences during the *Year of the Engineer*!

# Civil Engineering Day

Saturday April 28, 2018

 **SAVE THE DATE!**



Civil engineers will be taking over the  
Science Museum of Minnesota and  
**we want you there!**

- See **Dream Big: Engineering Our World** in the Omnitheater
- Experience hands-on activities with civil engineering companies and societies
- Explore the Science Museum

For more information or to get involved, email

 [outreach@ascemn.org](mailto:outreach@ascemn.org)



**Science  
Museum**  
of Minnesota®

# CIVIL ENGINEERING DAY

BUY TICKETS

*Dream Big: Engineering Our World*

**SATURDAY, APRIL 28**

Noon to 4 p.m.

The roads you drive on, the bridges you cross, the buildings in which you study or work, the power behind your lights and anything you can plug in, the water you drink—they're all possible because of civil engineering! Its impact is everywhere. On Civil Engineering Day, you'll meet with civil engineers and tinker with activities that address the challenges civil engineers face every day.

Round out your visit with the must-see [\*Dream Big: Engineering Our World\*](#) Omnitheater film. You'll meet four civil engineers who make a living finding solutions to make life better for people around the world.

Civil Engineering Day festivities are included with exhibit gallery admission. Admission to *Dream Big* requires an additional ticket.

## SPONSORED BY



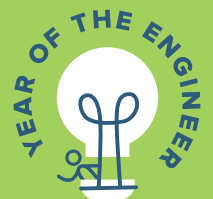
AMERICAN SOCIETY OF CIVIL ENGINEERS  
BOLTON & MENK  
MINNESOTA SURVEYORS AND ENGINEERS SOCIETY  
SRF

# CIVIL ENGINEERING DAY

Many thanks to our  
generous partners!



AMERICAN SOCIETY OF CIVIL ENGINEERS  
BOLTON & MENK  
MINNESOTA SURVEYORS AND ENGINEERS SOCIETY



Presented by 3M

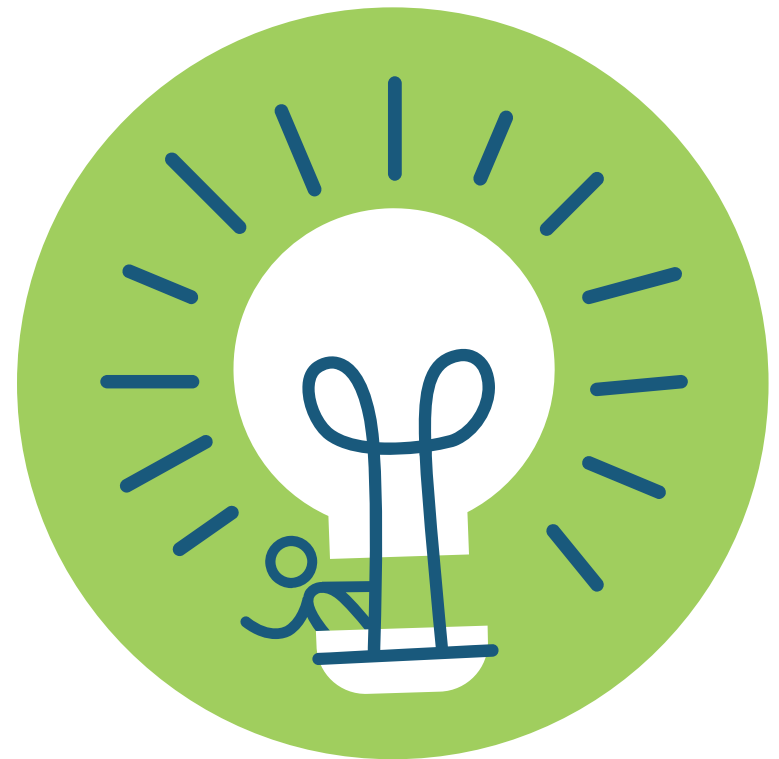
# CIVIL ENGINEERING DAY

April 28th, 12-4pm



Visit us again soon!  
[smm.org](http://smm.org)

Premier Partners



## Level 5

### 1 Bridge Inspection

**Collins Engineers, Inc.**

Meet the engineers that keep our bridges safe. See real traffic drones fly, and try on a safety harness!

### 2 Electric Rain Garden Models

**Jie Ming Elementary Lego League**

How do rain gardens work? Check out these models, see fuel cells in action, and watch them power a light bulb.

### 3 Building a Bridge for 21 Elephants

**Short Elliot Hendrickson, Inc.**

In 1883, twenty-one elephants marched across the Brooklyn Bridge. Try your hand at engineering a bridge to do the same!

### 4 Tunnel Meetup

**ASCE MN YMG**

Create a tunnel to find your friend! You will test your communication skills to make a tunnel that connects to the other side.

## Level 4

### 5 Future Cities Competition

**Friendly Hills Middle School**

How would you design a future city? Learn more about the Future Cities Competition with middle school students that competed to win.

### 6 Can You Storm Storm Water Pollution?

**American Public Works Association (APWA)**

Explore storm water, learn about public works, and play Plinko!

### 7 Traffic Engineering

**North Central Section of the Institute of Transportation Engineers**

Do you know your traffic safety? Explore a crash barrier, hands-on traffic signal signs, and real traffic signs!

### 8 Jenga & Structural Engineering

**Minnesota Department of**

**Transportation**

Get a look at structural engineering while having fun! Stop by to play giant Jenga!

### 9 FILLER

**SRF Consulting**

FILLER FILLER FILLER FILLER FILLER

## Level 3

### 10 Mind-blowing Materials

**ASCE-MN**

Get an in depth look into steel and concrete with a real steel bridge and concrete canoe. You might even get to take one apart!

### 11 Make a Pinwheel

**Bolton & Menk, Inc.**

Design your own pinwheel and explore how wind energy works.

### 12 Construction Site Selfies

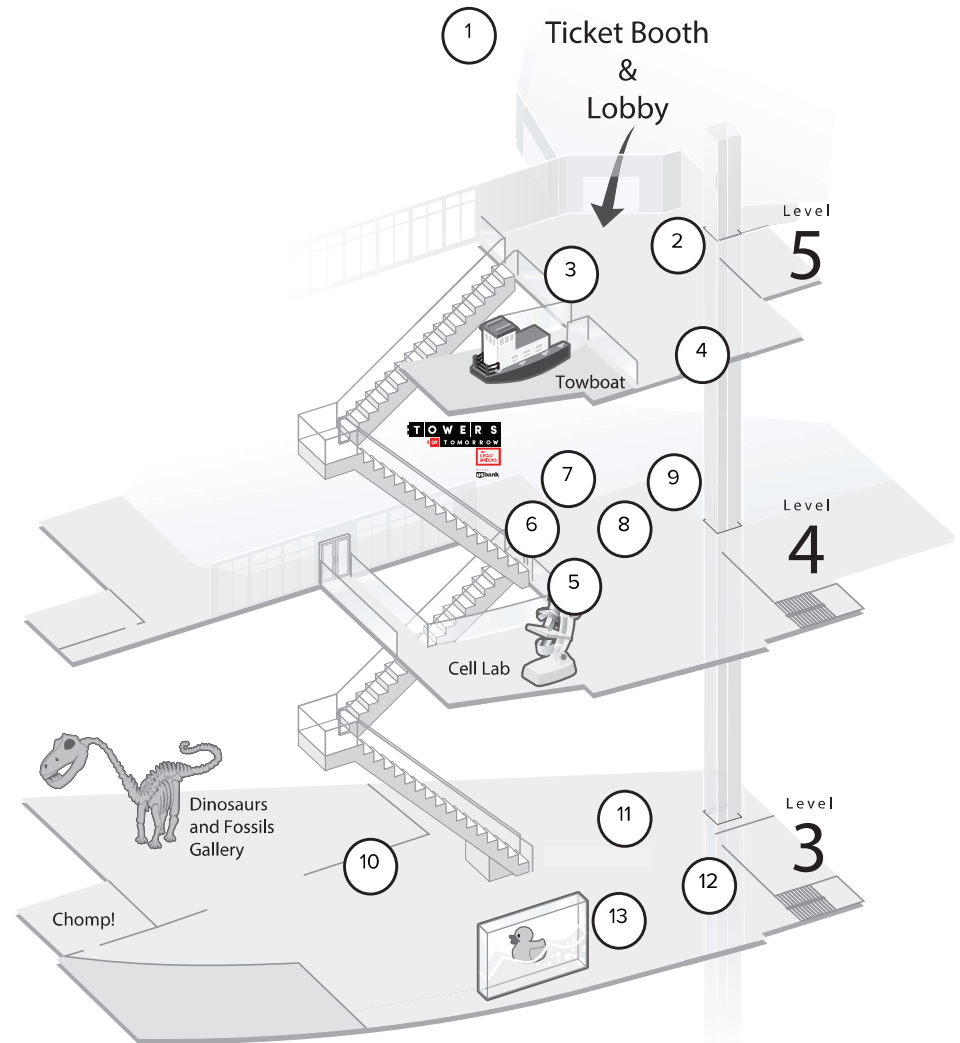
**MNSEA & ACEC/MN**

Take your photo as a member of a construction team!

### 13 Spaghetti Bridges

**MN Society of Professional Engineers**

Engineer your own bridge using common household materials, and see how much weight it can bear.



#sciencemuseummn | Be Social with us!

