

# RESOURCE Reminder

BY CHARLES J. CARTER, S.E., P.E., PH.D.

There's a lot to know about AISC and its many resources.  
And the more you know, the better-equipped you'll be to handle  
the world of modern steel construction.

**MANY OF YOU ARE FAMILIAR** with NBC's educational and public service message campaign "The More You Know." (If not, you can check it out, beginning with Tom Brokaw's first message back in 1989, on YouTube.)

Today, it's time for some AISC resources that truly meet the goal of "knowing more." Do you know where your handy AISC resources are? If so, great! If not, now you do. And to borrow another well-known quote from TV-land, courtesy of G.I. Joe, "Knowing is half the battle."

- ▶ **AESS help.** A very good guide to architecturally exposed structural steel (AESS) decision-making is available at [www.modernsteel.com/aess2003](http://www.modernsteel.com/aess2003). This guide will help you manage costs and expectations for AESS.
- ▶ **Research results.** AISC research reports from the last 30 years of projects are available at [www.aisc.org/researchlibrary](http://www.aisc.org/researchlibrary).
- ▶ **Webinars.** AISC webinars are popular, and most people make time to hear them live. But if you missed one, or want to remember what was said, you can watch it at [www.aisc.org/webinars](http://www.aisc.org/webinars). (Click the links at the bottom of the page.)



**Charlie Carter** ([carter@aisc.org](mailto:carter@aisc.org)) is a vice president and chief structural engineer with AISC.

- ▶ **Seminars.** If you're more interested in the live-and-in-person approach, check out [www.aisc.org/seminars](http://www.aisc.org/seminars) for our schedule of live seminars.
- ▶ **Historic standards.** Ever want to find an old version of the AISC *Specification*? They're all online here at [www.aisc.org/standards](http://www.aisc.org/standards).  
This list also includes old versions of the AISC *Code of Standard Practice*, *Seismic Provisions* and other AISC standards, as well as the RCSC *Specification*. There are even a few classic AISC *Manuals* posted. More of these are coming.
- ▶ **Out-of-print AISC publications.** Ever hear of the AISC pub *Guide for the Analysis of Guy and Stiffleg Derivicks*? This and more than a score of other out-of-print AISC publications are available as PDFs at [www.aisc.org/pastpubs](http://www.aisc.org/pastpubs).
- ▶ **NASCC session recordings.** Since 2008, all NASCC sessions have been made available after the show as free recordings. So, to hear one from 2008, visit [www.aisc.org/2008nasconline](http://www.aisc.org/2008nasconline). (For any other year since then, just change the year in the link.) And for pre-2008 shows, many session papers also are available here: [www.aisc.org/searchtaxonomy/proceedings](http://www.aisc.org/searchtaxonomy/proceedings).
- ▶ **AISC design examples.** Did you know that there are more than 150 design examples that illustrate the use of the AISC *Specification* and AISC *Steel Construction Manual*? That's almost 1,000 pages of free info. Find it all here: [www.aisc.org/designexamples](http://www.aisc.org/designexamples).
- ▶ **Spec and manual references.** Ever try to find a reference in the AISC *Specification* or the AISC *Manual*? It's easier with this interactive list: [www.aisc.org/references](http://www.aisc.org/references).
- ▶ **Simple steel design.** Want simple design tips? Here are two 5×8 cards in PDF form that provide the design rules for almost everything that's routine in the design of steel buildings: [www.aisc.org/designcards](http://www.aisc.org/designcards). Try that with any other material!
- ▶ **Old shapes.** We have scanned our collection of old shape catalogs and posted the PDFs at [www.aisc.org/oldshapes](http://www.aisc.org/oldshapes).

## Quick Hits

Here are a few more intuitively named links to get you where you need to go:

The Code: [www.aisc.org/code](http://www.aisc.org/code)

AISC publications: [www.aisc.org/epubs](http://www.aisc.org/epubs)

Frequently-asked technical questions: [www.aisc.org/faq](http://www.aisc.org/faq)

Shape availability: [www.aisc.org/availability](http://www.aisc.org/availability)

Shape database: [www.aisc.org/shapesdatabase](http://www.aisc.org/shapesdatabase)

Bending steel: [www.aisc.org/benders](http://www.aisc.org/benders)

HSS info: [www.aisc.org/HSS](http://www.aisc.org/HSS)

Seismic information: [www.aisc.org/seismicresources](http://www.aisc.org/seismicresources)

Steel and sustainability: [www.aisc.org/sustainability](http://www.aisc.org/sustainability)

Weathering steel: [www.aisc.org/weathering](http://www.aisc.org/weathering)

The Manual: [www.aisc.org/manual](http://www.aisc.org/manual)

The Seismic Manual: [www.aisc.org/seismicmanual](http://www.aisc.org/seismicmanual)

Facts about steel buildings: [www.aisc.org/facts](http://www.aisc.org/facts)

Free publications: [www.aisc.org/freepubs](http://www.aisc.org/freepubs)

SteelDay: [www.aisc.org/steelday](http://www.aisc.org/steelday)

University programs:

[www.aisc.org/universityprograms](http://www.aisc.org/universityprograms)

National Student Steel Bridge Competition:

[www.aisc.org/studentbridge](http://www.aisc.org/studentbridge)

World Steel Bridge Symposium:

[www.steelbridges.org-wsbs](http://www.steelbridges.org-wsbs)

NASCC: [www.aisc.org/nascc](http://www.aisc.org/nascc)

- You also can find info on old shapes in AISC's Design Guide No. 15 at [www.aisc.org/epubs](http://www.aisc.org/epubs).
- **EJ.** The current issue of AISC's *Engineering Journal* is free to view with our digital reader. Members can also download past papers for free at [www.aisc.org/ej](http://www.aisc.org/ej).
  - **Just the facts, Ma'am.** There's a lot of misinformation out there, especially on topics like fire design, blast, progressive collapse, fatigue and non-building structures here. Find the facts here in a series of free downloads: [www.aisc.org/special](http://www.aisc.org/special).
  - **Clean up.** Want to change your column size to eliminate stiffeners and doublers? Get CleanColumns at [www.steeltools.org](http://www.steeltools.org). There are many other utilities that you and your engineering peers have created and shared as well. See what you can find and consider what you can share.
  - **Papers, please.** As of 2012, there have been 42 recipients of AISC's T.R. Higgins Lectureship Award. See the list and read their papers at [www.aisc.org/higgins](http://www.aisc.org/higgins) (click on Past Winners).
  - **And the winner is...** Speaking of awards, AISC has several awards programs for people, projects and more. They're all listed at [www.aisc.org/awards](http://www.aisc.org/awards).
  - **Certifiable.** AISC maintains its Certification program for fabricators and erectors. Why is that a good thing? Click here to find out: [www.aisc.org/certification](http://www.aisc.org/certification). Want to search for a Certified company? Go here: [www.aisc.org/certsearch](http://www.aisc.org/certsearch).
  - **In their own words.** AISC's Podcast Series looks at some of the people who have helped make steel design and construction easier and faster. See the list of them here, and hear what they have to say about engineering, construction and life in general: [www.aisc.org/podcasts](http://www.aisc.org/podcasts).
  - **Talk is cheap.** Or in this case, free! Is your SEA or fabricator group looking for information about the latest trends, techniques and information on steel design and construction? AISC offers free one-hour SteelTalks on a variety of topics: [www.aisc.org/steeltalks](http://www.aisc.org/steeltalks).
  - **Membership has its privileges.** Indeed it does. Find out more at [www.aisc.org/joinaisc](http://www.aisc.org/joinaisc). You can also search for member companies at [www.aisc.org/members](http://www.aisc.org/members). If you're already a member, you can find a list of resources, events, news and market information at [www.aisc.org/membersonly](http://www.aisc.org/membersonly).
  - **We have solutions!** Have a technical question about steel construction? Interested in a conceptual solution for a steel project? The Steel Solutions Center can help you out: [www.aisc.org/solutions](http://www.aisc.org/solutions).
  - **A steel bridge to somewhere.** For all things steel bridges, check out the National Steel Bridge Alliance page at [www.steelbridges.org](http://www.steelbridges.org).
  - **Best bridges:** NSBA also holds a bridge design competition, the Prize Bridge Awards, every two years. Find out more at [www.aisc.org/prizebridge](http://www.aisc.org/prizebridge).
  - **Historic manuals.** AISC *Manuals* live long lives. And they often have many owners. Are you looking for an old AISC *Manual*? You can probably find it at [www.ebay.com](http://www.ebay.com). In general, the older it is, the more you can expect to pay. But the 1930s-era 2nd Edition is more rare than the 1920s-era 1st Edition, so it generally tips the scale at the highest rate. Another possible source: [www.powells.com](http://www.powells.com).
  - **Be studious.** Did you know that AISC administers almost \$150,000 in scholarships each year? They're all described here: [www.aisc.org/scholarships](http://www.aisc.org/scholarships). Note that some scholarships (such as the Ratterman Fast-Start Scholarships) are for children of employees of AISC full member companies.
  - **Your neck of the woods.** Want to find out what's going on in your region? Or maybe schedule a visit or presentation with one of AISC's regional engineers? Go to [www.aisc.org/myregion](http://www.aisc.org/myregion).
  - **Architecture awards of the past.** While today we have our IDEAS<sup>2</sup> Awards for engineers and architects, we used to have Architectural Awards of Excellence. The winners were detailed in many annual brochures, all of which are posted at [www.aisc.org/awardsarchive](http://www.aisc.org/awardsarchive).
- This is just a taste of what's available at AISC's online home. Feel free to start from the beginning at [www.aisc.org](http://www.aisc.org) and go exploring on your own. ■