



The Cleveland Section of the American Society of Civil Engineers & The Cleveland Chapter
of the Structural Engineering Institute
Invites You to:

A Live Webinar Presentation

“Strengthening Structural Steel Beams”

Presented by:
Mr. Alexander Newman, P.E., F.ASCE

Wednesday, December 12, 2012

Hosted By:
URS Corporation
1500 West 3rd Street, Cleveland, Ohio 44113

Webinar Summary:

This web seminar starts with a summary of the main issues and some code provisions for renovating steel structures. It proceeds to practical methods of assessment of existing steel beams, including the relevant reference material on the allowable stresses used in early constructions. The discussion then moves to the central topic – the various methods of strengthening structural steel beams. A number of step-by-step design examples illustrate the design procedures involved. The last topic is strengthening beam connections, which often require reinforcement whenever the beams are strengthened.

This webinar is co-sponsored by ASCE's [Structural Engineering Institute](#) and ASCE Continuing Education.

11:30 AM to 1:00 PM

Live Webinar w/ Q&A – Starts 11:30 AM Sharp

**Cost: \$25 ASCE & SEAoO Members; \$30 Non-Members:
\$15 Students**

**Lunch will provided by Susy's Soup and includes:
Variety of soup, sandwiches, chips, beverages, and a cookie.**

We look forward to seeing you there.

1.5 PDHs will be awarded for attendance.

You must confirm reservations on or before December 10, 2012 to: Brian Hengle

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Phone: 216-736-7110



A live webinar organized by the ASCE Cleveland Section SEI Chapter