

ORANGE SPEEL

ASPE Chapter 3 Newsletter

MARCH

Letter from the President

03/07/2019

As March begins, the saying is “in like a lion, out like a lamb” or “in like a lamb and out like a lion”. In today’s market March is busy at the beginning and will be busy at the end. The month starts out busy with family and work, then the Northwest Southwest Spring Regional Meeting in Denver, our monthly meeting, National Board of Director elections, family and work. It is a busy beginning and will be just as busy when the month ends.

I will be attending the Northwest Southwest Spring Regional meeting in Denver the weekend of March 7th and 8th. Friday’s schedule will begin with two morning sessions; topics are to be determined, then lunch. Followed by an afternoon session of an “11th Hour Bid Day Simulation”. Saturday will be ASPE business consisting of “Growing your Chapter Modules”, National Updates and then closing. I will be reporting on the regional in further detail during our March dinner meeting on Wednesday, 3/13/19.

Our March presenter is Mike Frasco of Bio Clean who will be presenting on BMP’s. He will be discussing in details: stormwater BMP styles; capital cost versus scope cost; installation considerations and how to avoid change orders.

On March 1st members should have received by e-mail voting information and instructions for the ASPE National Board of Directors. You can cast your vote till midnight Tuesday, March 19. Results will be issued on March 25, 2019. Our Upcoming chapter elections will be held in April. If you are interested please contact any of the board members to get additional information and the commitment requirements.

We again want to thank Steve Heller of M.H. Powell and Company who discussed expansion joints and their proper applications, fabrication lead times, fireproofing and waterproofing considerations, installation, etc.

As I mention in every Presidents Message I want to thank everyone who has presented ideas for upcoming programs. We are currently evaluating them and will be trying to arrange for speakers in the upcoming meetings. For anyone new to our meetings you will find 3” x 5” cards and we encourage you to write down your ideas and contact information, if listing a specific speaker for our dinner programs. Our objective is to make our meetings relevant for what will help all of us be better and more informed estimators.

Kevin Murphy, CPE.

ASPE Chapter 3 President



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Upcoming Programs in 2019:

March 8, 9: **Regional Meeting Northwest/Southwest Region in Denver, CO.**

March 13: **“Stormwater BMP’s” by Mike Frasco of Bio Clean.**

April 10: **“Mass Timber Construction and the new building codes ” by Mike Romanowski of WoodWorks Wood Products Council.**

May 8: **“Modular retaining wall systems ” by Erik Hanson of Geo Grid Retaining Wall Systems .**

June 12: **“Advanced engineered structural steel connections” by Kyle Wilson of SidePlate**

June 19-22: **Estimators Summit in Kansas City.**



Larry Hendrick, Southwest Governor and candidate for National Second Vice-President.

ASPE CHAPTER 3: OBJECTIVE:

The object of this Chapter is to further the recognition of construction estimating as a professional field of endeavor.

We wish to promote education and contribute to the betterment of the construction industry.

We observe and promote ethical standards of conduct.

This Chapter contribute to the establishment and publication of standard construction estimating practices.

We want to promote the certification program by which professionalism to construction estimating and adherence to these standards is recognized.

Board of Directors [2018/2019]:

President: Kevin Murphy CPE

Vice President: Dan Schottlander CPE

Past President: Ron Svarc LCPE

Secretary: Bryon Barker

Treasurer: Asoka Sellahewa CPE

Committees: Tom Smithson (Dinner meetings & speakers)

Wil Beukman (Newsletter)

“Professional Estimators and those in training shall continue to expand their professional capabilities through continuing education programs to better enable them to serve clients, employers and the industry”

- Canon # 2

ASPE Member Meeting

Please RSVP by the Tuesday before each meeting so we are sure to have enough food and place settings.

Registration is available at www.aspe-oc3.org. Click away and make sure you select your dinner choice. On-line payment is now available!

Cost is \$45 if RSVP and pay before the deadline and \$50 if you don't.

The Chapter has to cover the cost of the meals that we confirm.

ASPE Chapter 3 Dinner Meeting

February 13, 2019

Expansion Joint Covers by Guest Speaker Steve Heller of M.H. Powell & Co.



Steve Heller explains how the expansion joint moves.

Steve Heller is President of M.H. Powell and Co. located in Commerce, CA. They are a supplier of items ranging from architectural wall & ceiling panels, sunshades, column covers and are a local manufacture of their own line of expansion joint covers. Originally M.H. Powell was a representative of other expansion joint manufacturers, whose manufacturing plants were located in other parts of the country. Due to long lead times, manufacturers not concentrating on the expansion joint needs of California, Steve started engineering and manufacturing his own expansion joint covers 25 years ago. They supply covers in Southern California, Arizona, San Francisco, San Diego and Las Vegas.

Expansion joint covers, as the title suggests cover the buildings seismic joint, which are designed by the structural engineer. Prior to the Northridge earthquake and the 1997 code modifications, building codes required that expansion joints only had to move horizontally in one direction (X-Y). Since 1997, the codes changed and expansion joints now have to be designed and calculated for both a horizontal movement and vertical (Z) displacement. This creates a joint that has to be designed to move spherically. The required movement is determined by the structural engineer of record.

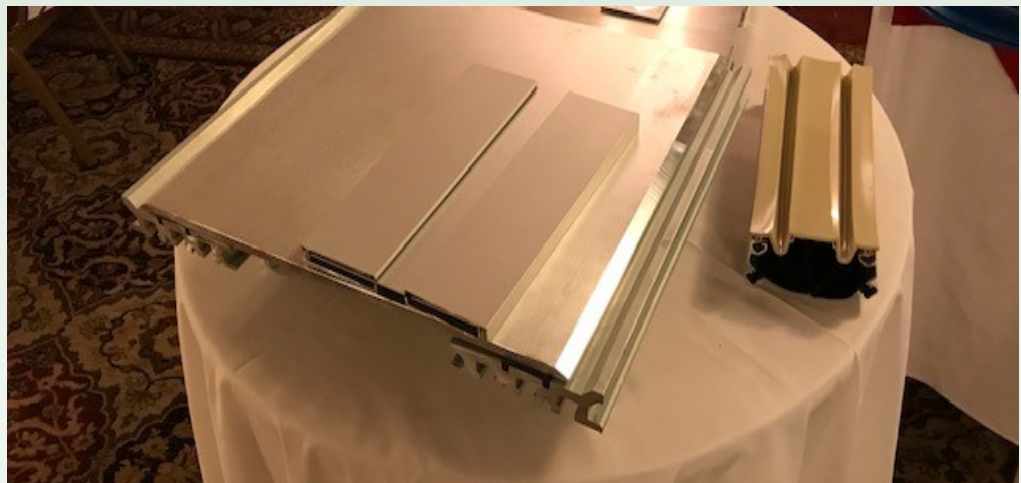
Expansion joints are designed for pedestrian and vehicle traffic. They can be manufactured using stainless steel, aluminum, brass or other metal plate to create the architectural or durable finish the designer wants. Joints can be rated for fire and also waterproofed. Currently, the largest expansion joint cover M.H. Powell has designed is a 32" joint, which opens to 64" with a 4" lift.

For a successful installation, one of the first items to consider is how will the expansion joint be anchored? Cast-in-place embeds are the most dependable, versus drilled fasteners. If there is vertical movement in the deck then expansion anchors will ultimately fail due to the pounding motion. This is a typical failure in parking structures.

Product failures can be attributed to product selection and the installer. When evaluating an expansion joint proposal, the estimator should review the following to assure a successful installation: the subcontractor's resume. Project size and history: has the installer done similar projects in both size and quality previously. If your project is substantially different than what the installer has previously completed you will have to determine if you want him to learn on your project. If the joint is to be waterproofed, who will be furnishing and installing the waterproofing? This should be done by the appropriate subcontractor. The low quote may ultimately cost the contractor more in failure and repairs than an award to an experienced installer.

We want to thank Steve again for a very informative presentation regarding the correct application, installation and items to review prior to awarding the expansion joint covers scope of work.

Article by Kevin Murphy,
CPE



Samples of expansion joint covers manufactured by M. H. Powell.