



Speaker Bio



Stewart Jeske, P.E. is the founder and President of JEI Structural Engineering. JEI Structural is a company of 13 employees providing façade engineering services across the United States. Stewart is the owner of 4 patents, 2 of which are associated with facade system support. He is a regular continuing education presenter in the areas of glazing systems design and serves as the authorized technical expert for the New Edge-Tie System acquired by Simpson Strong-Tie. Prior to founding JEI he served as a senior structural engineer at Burns & McDonnell and served in the Air Force as a base civil engineer. Stewart received a B.S. in Architectural Engineering from

Kansas State University and a M.S. in civil engineering from University of Missouri at Kansas City. JEI holds Professional Engineering P.E. licenses in 48 states and has worked on building envelope engineering projects all over the US and a few in other parts of the world.

Don't Get Stung By Building Movement

Target: Architects, Engineers, Glazing Contractors, Manufacturers

Most building construction sequences cause Building Movement Issues to be overlooked by engineers, glazing contractors and architects. In this seminar, take a look at how the process, the codes, and manufacture small print disclaimers work together to create a final building project destined to leak, at the very least.

Video Links:

[Storefront Building Movement Liability Issues for Architects Glazing Contractors](#)

[Building Movement Issues in Curtain Wall for Glazing Contractors and Engineers](#)

[Glazing Contractors - BID ISSUES with Building Movement](#)

Changing Façade Connections to Steel Structures

Structural details at the slab edge of steel structures have not changed in over 70 years. Learn about a new method of façade support and details associated with edge of slab currently available. The new façade attachment system provides a more efficient load path and is stronger than traditional bent plate edge of slab details. It allows faster enclosure of the façade and saves construction budgets due to elimination of much field welding. The system is currently being used in construction on several projects. A deep dive into a comparative analysis is covered between the new system and the conventional edge of slab bent plate detail.

Video Link: <https://www.jedgeanchor.com/videos>



Connections - Best Practices / Ugly Details

Learn about the best practices for connections of the façade to the structure and how to handle those ugly details from the contract drawing. Many contract drawings provide very little detail and expect the contractor to come up with ways to connect the façade system. This is an indepth look at some of those horrible details encountered with what to look for and possible solutions.

Reduce Thermal Bridging at Façade Connection Points

Even with higher performing glazing system options, thermal performance needs to carry over to the connection points for the façade to meet it's goals. Learn how to Reduce Thermal Bridging at Façade Connection Points with the NEW J-Edge Anchor System. [Video Link](#)

Glazing System Delegated Design

Target: Architects, Glazing Contractors, Structural Engineers

Delegated design of glazing systems requires understanding of architectural intent, building structural movement, manufactured system limitations, design loads and methods of installation. Structural engineers and design teams should be aware of essential key design requirements to know what to look for and approve in delegated design submittal requirements for curtain wall, storefront and structural glass systems.

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Glass Guardrail Engineering Design Requirements

During the initial design process for Glass Railing and Glass Wind Screens engineers struggle to find adequate deflection limits.

Sometimes project specifications may spell out the criteria indicated, but most often nothing is mentioned for guard rails or wind screens. Point supported glass has engineering and installation concerns of it's own. Find out why some handrails appear wobbly even though they meet code requirements.

Video Playlist

[Glass Handrail Engineering Design](#)