

Jerry M. Pfuntner, P.E., Principal and Regional Bridge Engineer at FINLEY, will present *Incremental Launch Method for Steel Truss Bridge Erection* at the 2014 World Steel Bridge Symposium March 26-28, 2014 in Toronto, Canada.

Abstract Summary

Today there is a focus on Accelerated Bridge Construction (ABC) to significantly reduce traffic delays and closures on highly congested roads. From the contractor's view, there is a demand to deliver the project safely and more rapidly to meet the economic goals of our industry – to maximize the return on infrastructure investment. While there are many ways to apply ABC, this paper will discuss one application of this concept – the incremental launch method.

The incremental launch system for truss erection is an innovative technique that can be used on projects where there is restricted access to the site, tight project schedule, highly congested roads, or where traditional methods would create an obstruction to navigable waters. The Chelsea Street Bridge in Boston and Checkered House Bridge in Vermont projects are two examples where this technique was applied in two very different applications of incremental launching.

This presentation will discuss the construction engineering design and details using the incremental launch methods on these projects, including lessons learned and recommendations for future applications of this method.

For conference information go to

<https://www.aisc.org/contentNSBA.aspx?id=20090>



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