



Happy
Holidays

Wishing You a Happy Holiday

Everyone at Olson Engineering and Olson Instruments would like to wish you a safe and happy holiday season and a peaceful and prosperous New Year.

As we look back on the past year, we'd like to thank you for your business and continued trust in our companies.

Upcoming Events

TRB's 102nd Annual Meeting

January 8-12, 2022
Washington DC, USA

Larry Olson will be participating as a member in the AKB60 Tunnels and Underground Structures Committee meeting on Monday, **January 9, 2023** from **1:30 PM – 5:30 PM** in the Marquis Salon 14 room (M2) at the Marriott Marquis hotel.



[MORE INFO](#)



NDE NucCon 2023

January 25-27th, 2023
Helsinki, Finland

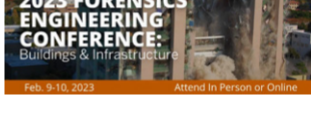
Larry Olson will be speaking on "NDE to Detect Concrete Flaws Behind Steel Plates".

[MORE INFO](#)

2023 Forensics Engineering Conference

February 9-10, 2023
Austin, Texas, USA

Larry Olson will be speaking on "Nondestructive Diagnosis and Imaging of Damage, Flaws and Repairs in Concrete Bridges and Buildings".



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2023 Annual Virginia Concrete Conference

March 16-17, 2023
The Westin Richmond – Richmond, Virginia

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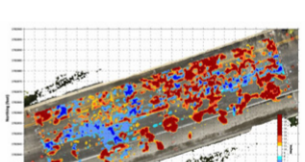
Olson Engineering and Olson Instruments will be exhibiting at this conference.

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Olson Capabilities

Fusion of NDE Scanning and Photogrammetric Data for Concrete Bridge Decks

The Sonic Surface Scanner (S^3) with Impact Echo and Spectral Analysis of Surface Waves with testing with a cart or behind a vehicle. Ground Penetrating Radar assessments of bridge decks have been conducted with GSSI SIR3000 1.6 GHz radar system.



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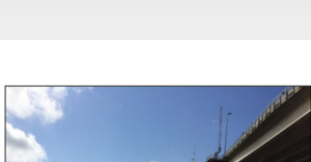
Data Fusion of Photogrammetric Images and NDE Results on Bridge Girders

Evaluation of concrete bridge girders using photogrammetry along with the NDE methods of Ground Penetrating Radar (GPR), Impact Echo Scanning (IES) and Spectral Analysis of Surface Waves (SASW).

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Load Testing, Displacement Monitoring, and Vibration Monitoring for Bridges

Conventional Load Tests with Strain Gauges and IDS IBIS-S Interferometric Phase Radar system for Structures for Bridge Displacement and Vibration Monitoring as well as Stay Cable Vibrations.



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Depth and Integrity of Unknown Bridge Foundations

Unknown bridge foundation depth/integrity is a specialty of the company since 1985 and we have conducted hundreds of investigations for scour safety evaluation and re-use purposes.

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