



**UAA College of Engineering**  
UNIVERSITY of ALASKA ANCHORAGE

UAA Professional Development Seminar Series

## **Bridge Inspection**

Presented by Eric Thornley, P.E., S.E.



To prevent catastrophic failures and protect the traveling public, bridge owners across the nation have implemented federally-regulated bridge inspection programs. This presentation will focus on the Federal Highway Administration's National Bridge Inventory Program (NBIP). Will include a brief history of the program's development and discussion of the National Bridge Inspection Standards (NBIS), an overview of the National Bridge Inventory (NBI) bridge inspection types, common bridge types, non-destructive testing (NDT) typically used on bridge inspections, and methods of access for bridge inspections.

Eric Thornley is a structural engineer in Michael Baker International's Anchorage office, specializing in bridge design, load rating, and inspection. Eric has a B.S. from the Wentworth Institute of Technology and a Masters of Civil Engineering degree from Norwich University. He is a registered professional civil engineer and registered structural engineer in the State of Alaska. Eric is a qualified bridge inspection team leader, with over 10 years of experience conducting bridge inspections in 19 states, including Alaska. He has a Society of Professional Rope Access Technicians (SPRAT) Level 3 Certification which he uses to provide bridge owners with hands-on bridge inspection services utilizing modified climbing and rope access techniques.

**Friday, April 5, 2019**

**11:45 am-12:45 pm**

**UAA College of Engineering, EIB 211**