

ADJACENT CONSTRUCTION

MANAGING RISKS IN DENSE URBAN ENVIRONMENTS



A free continuing education opportunity for architects (1.0 LU HSW), engineers (1.0 PDH), construction attorneys, and related professionals

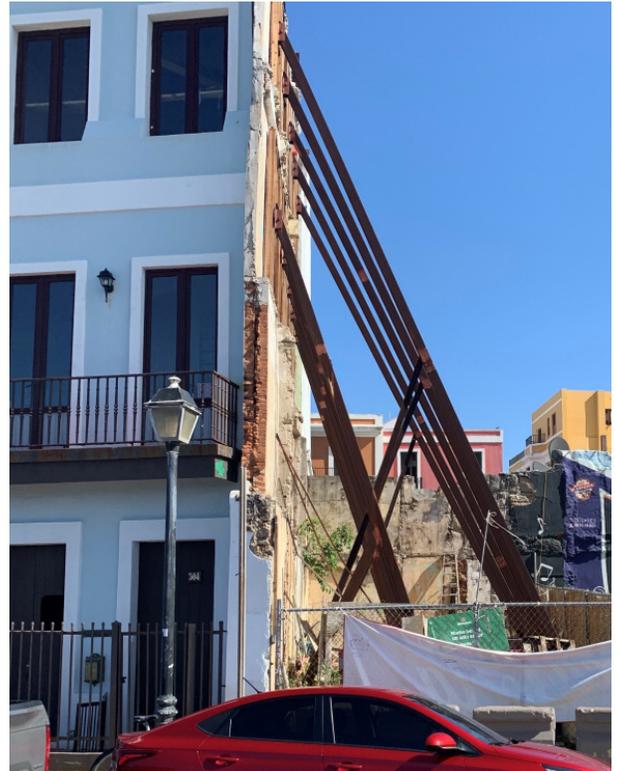
Wednesday, March 18, 2020 at 5pm District Architecture Center (421 Seventh St. NW, DC)

Adjacent, above, below, or across the street?

DC's construction renaissance is accompanied by challenges to protect and preserve existing buildings and infrastructure. Join us for an exploration of key concerns and opportunities to identify and manage risk when building in close proximity to neighbors. At the conclusion of this seminar, participants will be able to:

1. Identify possible **hazards of adjacent construction** during below-grade work, above-grade work, and after completion of a neighboring building.
2. Describe general goals and methodology for **preconstruction surveys of existing buildings and infrastructure**, including condition assessment and risk identification.
3. Understand the advantages and challenges of various **stabilization approaches**, including underpinning, shoring, and strengthening.
4. Describe guidelines and applicable standards for **monitoring vibration and movement** of soils, foundations, and structures before and during construction.

A cocktail reception will follow the seminar.



David E. Kosnik, Ph.D., P.E.

Dave draws from his dual background in civil and computer engineering to develop innovative performance monitoring and evaluation solutions for in-service infrastructure and machinery, including risk management and mitigation for construction, blasting, and resource extraction near occupied structures and facilities. Dave is the author of many peer-reviewed articles on structural monitoring and related topics, and is a frequent speaker at national and international conferences.



Michael J. Drerup, P.E., F.ASCE

Mike has 25 years of experience in the performance, repair, and preservation of existing buildings and structures. He has led and executed dozens of condition assessments and failure investigations, including multifaceted field and laboratory studies of construction materials and systems. Mike has been an active member of the American Society of Civil Engineers Forensic Engineering Division since 2001, including a term as Division Chair. He is a sought-after speaker, and has published and presented throughout the United States and abroad.

CTLGroup provides expert technical consulting and specialty testing service to clients in the construction, building, transportation, and related industries. From its headquarters campus in Skokie, Illinois (just north of Chicago) and its DC-Maryland-Virginia regional office, CTLGroup mobilizes solutions for new, existing, and repurposed structures across the nation and around the world.



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