

underground

LUNCH & LEARN

TUNNELING UNDER THE HUDSON RIVER

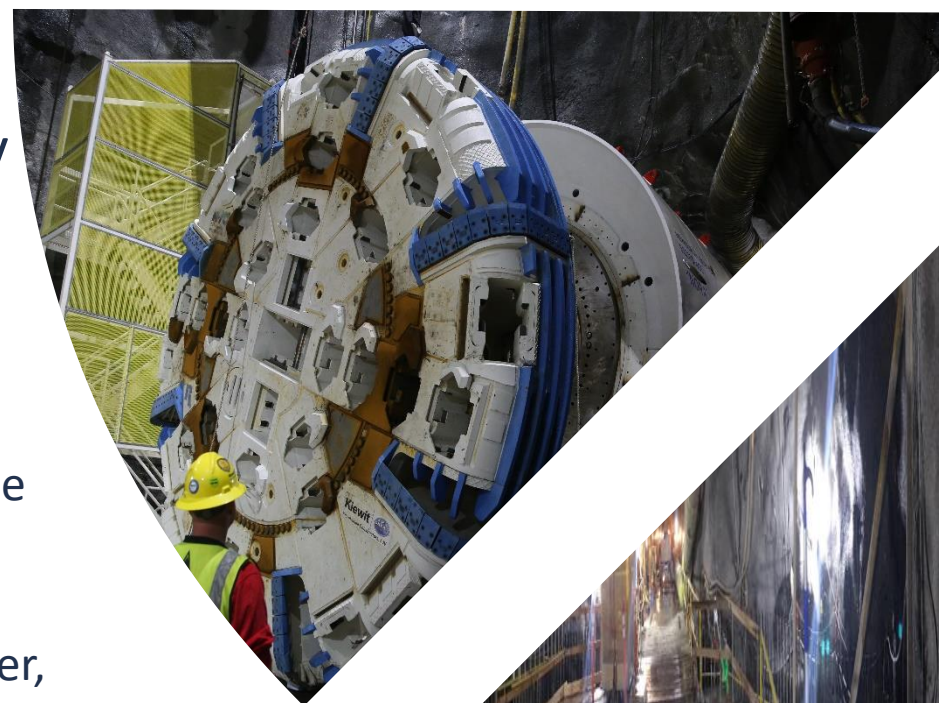
AUGUST 28th, 12-1PM

Berthoud Hall Room 241

An existing 50 mile long aqueduct that feeds 50% of the NYC water supply is leaking approximately 20 MGD of water at the point it crosses underneath the Hudson River. The NYCDEP decided to replace the leaking section of the aqueduct with a 12,500 foot bypass tunnel. Kiewit-Shea Constructors, AJV was contracted to perform the work and began building the tunnel in summer 2016. The tunnel is located approximately 900' below ground and had anticipated groundwater flow of up to 2,500gpm at pressures up to 20 bar.



Grant Millener graduated from the Colorado School of Mines in 2007 with a degree in Civil Engineering. Grant has served as a field engineer, superintendent and project manager on a number of tunneling projects across the US and Canada for Kiewit. Currently Grant is serving as the Engineering Manager on the Rondout West Branch Bypass Tunnel in Newburgh, NY.

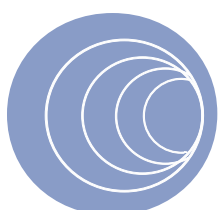


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LUNCH WILL BE PROVIDED

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UNIVERSITY TRANSPORTATION CENTER

FOR UNDERGROUND TRANSPORTATION INFRASTRUCTURE