

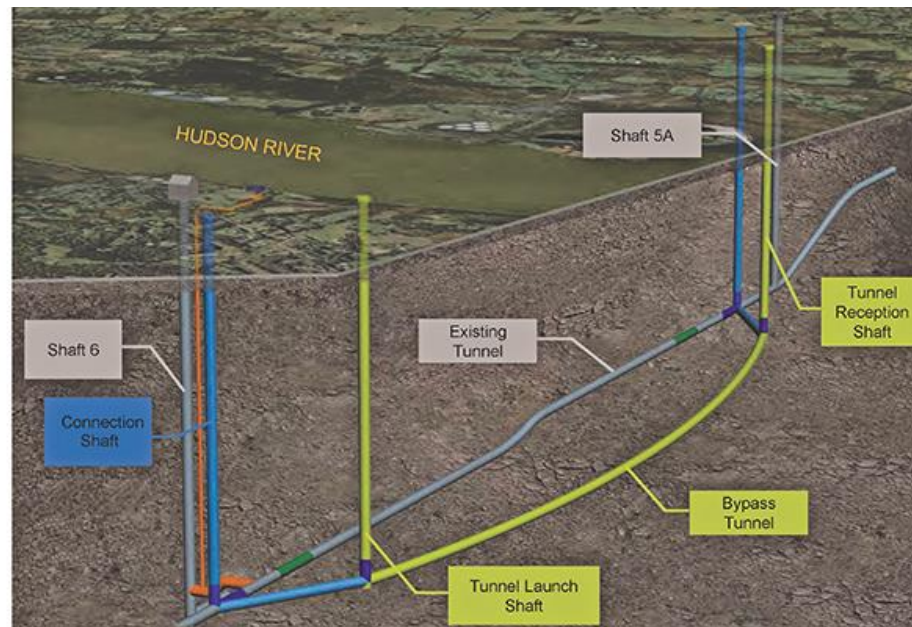
Rondout-West Branch Bypass Tunnel

Grant Millener, Project Control Manager, Kiewit

Ben Seling, Project Engineer, Kiewit

Monday, February 8th at NOON in BB W280

Lunch Provided –



The existing Rondout-West Branch Tunnel supplies approximately 50 percent of New York City’s daily water usage. A portion of the Rondout-West Branch Tunnel is currently leaking approximately 35 million gallons of water per day and in order to fix the leaks the NYC Department of Environmental Protection (NYCDEP) plans to install a bypass tunnel around the section that is leaking. Kiewit Infrastructure Co. in joint venture with JF Shea Construction have been contracted to construct the Rondout-West Branch Bypass Tunnel. The project features:

- Completion of drill and blast excavation of two working shafts (700 and 900 vertical feet deep)
- Approximately 12,500 lineal feet of hard rock segmentally lined TBM tunneling
- Approximately 9,000 lineal feet of 16’ diameter steel interliner
- Shutdown and dewatering of the Rondout-West Branch Tunnel to allow for interconnections to the new bypass tunnel

This presentation will provide a project overview and discuss KSC’s initial approach to the work.



Grant Millener is currently serving as the Project Controls Manager on the Rondout-West Bypass Project. He graduated from the Colorado School of Mines in 2007 with a BS in Civil Engineering and has worked on a number of underground construction projects across the US and Canada for Kiewit including the Portland East Side CSO Tunnel Project, Condit Dam Decommissioning, and Kemano Backup Tunnel.



Ben Seling is currently serving as the Project Engineer on classified government contracts on the East Coast. Ben graduated from the Colorado School of Mines in 2009 with a BS in Civil Engineer and has worked on a number of underground construction projects with Kiewit.

Questions? Dig in with us at uct.mines.edu or contact us uct@mines.edu

