SPECIALTY CONCRETE CONTRACTORS
CELL-CRETE CORPORATION
"We Pour It On"

Project Spotlights:

Roosevelt Station: N140

LOCATION

Seattle, WA

CLIENT

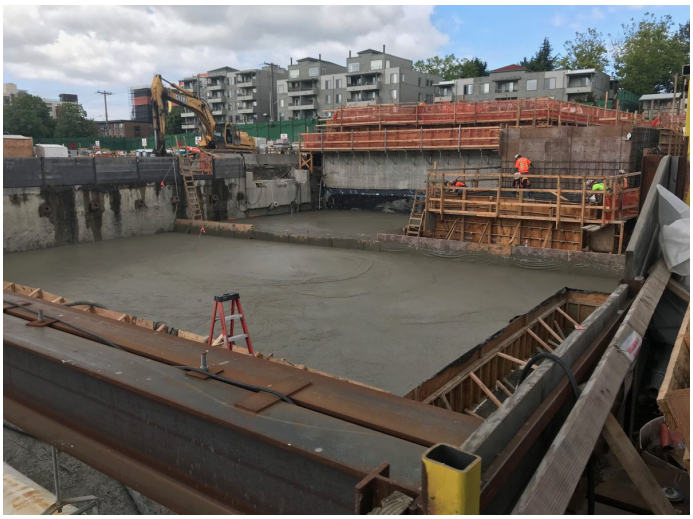
Sound Transit (Seattle Area Light Rail)

COMPLETION DATE

July 2018

CATEGORY

Flowable Fills



ABOUT THE PROJECT

The Roosevelt Station is the latest in a string of projects with Sound Transit (link light rail service in Seattle) utilizing Cellular Concrete Fill (CCF), also known as low-density cellular concrete (LDCC). The Northlink Light Rail Extension has stations 30'–50' below ground level. LDCC was selected to reduce the dead load on the new underground station below and has been the choice for the past 4 Northlink stations due to its lightweight properties, flowable nature and competitive cost compared to alternatives in the local market.

THE SOLUTION

Cell-Crete was subcontracted in 2017 and began pouring approximately 8,500 CY in March of 2018. Due to the timeline and utilities, Cell-Crete poured in 2'–3' depths depending on areas available. The total footprint will approximately be 15' in depth across 2 blocks. The LDCC will support the traffic above on NE 12th Street. Cell-Crete's portion of the project was completed on schedule in July of 2018. The company's next scheduled station was the Brooklyn Station, which began in 2019.