

2016 MTA New York City Transit – 34th Street - Hudson Yards Station



Highlights

- NOH2O[®] is permanent leak remediation
- Performance is warranted
- Minimal impact to station operations - zero impact to revenue service
- Previous grout attempts, by others, failed

Project Overview

NYCT's 34th Street -Hudson Yards Subway Station, which opened to the public in September 2015 was plagued with water infiltration very shortly after its opening. The extent of this impacted the operation of escalators as well as slippery walking surfaces and damage to the architectural finish out. In 2016 Sovereign was tasked to engineer a solution and apply NOH2O[®] to mitigate this impact to the station's operation and unsightly condition.

Strategy

Sovereign developed a two Phase approach/plan. Phase 1 treated areas accessible and visible to the public and Phase 2 addressed the non-public concourse areas and a ventilation shaft.

Results

Phase 1 was completed in 6 weeks; working 12 hour night shifts reduced impact to the public as the Station remained in service throughout the work. Phase 2 was completed in 8 weeks, with varying day/night shifts.

The initially planned duration of the leak remediation work (6 months) was performed in 3 months.

34th Street – Hudson Yards Station is free of unwanted water infiltration.