

CHARLOTTE LYNX 3-B/C BLUE LINE

CHARLOTTE, NC



Application:	Shotcrete Soil Nail Wall
AWD Product:	SITEDRAIN Chimney C-94
Quantity:	2,000 LF (12" x 100')
Owner / Designer:	City of Charlotte Engineering Department
Contractor:	Smith-Rowe
Year Completed:	2015

PROJECT OVERVIEW

The 9.3-mile Blue Line Extension (Northeast Corridor) is an extension of the LYNX Blue Line light rail service in Charlotte, North Carolina. A shotcrete soil nail wall was used on the sides of the tracks to provide earth retention. The project site native soil was comprised of impermeable clays that offered poor drainage and low water permeability. These soil conditions can result in increased hydrostatic pressure and the increased potential for wall failure so between the soil nails AWD's SITEDRAIN Chimney Drain was used to provide drainage from the saturated soil behind the shotcrete.

The SITEDRAIN Chimney C-94 (12" x 100' rolls) was installed by Smith Rowe and sold through Guaranteed Supply Company.

