

# Long Island Exp. and Cross Island Prkwy.



Type of Project	Road widening and bridge replacement
Purpose of Piling	Permanent support of excavation
Site Location	Queens, New York, U.S.A.
Duration of Work	Two phases: Feb. to Aug, 2001 and Jan. to May 2002
Client	New York State D.O.T./ Perini Corporation
Piling Contractor	Giken America Corporation
Press-in System	Press-in Method w/ Water Jetting and Simultaneous Augering
Press-in Material	Tubular Sheet Pile $\phi$ 914mm L= 15.2-24.4 m (50-80 Ft. )
Press-in Machinery	Tubular Piler PP260 / Crush Piler SCP 260
Method Description	Fully cantilevered 35 foot wall constructed on steep slope with difficult soil conditions. Compact and mobile machines required for limited access adjacent to active traffic. Lane closure, temporary staging and earthwork are not required for piling activities with Giken system.

**Borehole Data**

