



# Cumberland Connect

Cumberland Avenue Merchants Association and Project Archive



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## STREETSCAPE CONSTRUCTION 101:

### WHAT IS A DUCT BANK?

Duct banks are groups of conduits designed to protect and consolidate cabling to and from buildings. In a duct bank, data and electrical cables are laid out within PVC conduits that are bundled together; concrete and metal casings protect these groupings of conduit. Duct banks are often buried, allowing contractors to consolidate the wiring for a building into centralized underground paths.



## STREETSCAPE CONSTRUCTION 101:

### WHAT IS A SILVA CELL?

The Silva Cell is a modular building block for containing unlimited amounts of healthy soil beneath paving while supporting traffic loads and accommodating surrounding utilities. The Silva Cell is filled with high-quality, uncompacted soil to grow trees and manage the rate, quality and volume of stormwater.



## STREETSCAPE CONSTRUCTION 101:

### WHAT ARE PERVIOUS PAVERS?

Permeable interlocking concrete pavement (PICP) is a durable cost-effective solution for compliance to national, state/provincial and municipal stormwater regulations. PICP can reduce runoff and pollutants from walkways, patios, driveways, parking lots, alleys, parking lanes, and low volume streets. The surface consists of solid concrete pavers with small, stone-filled joints that allow water to flow into highly permeable, open-graded bedding, base, and subbase aggregates. The spaces among the aggregates store water and enable infiltration into the soil subgrade rather than generating surface runoff. The paver joints provide 100% surface permeability.

**SOURCE:** <https://www.icpi.org/paving-systems/permeable-pavers>