EZ Roll™ Grass Paver with a compressive strength of 59,600 psf.

Fast Facts

PRODUCT & QUANTITY
EZ Roll™ Grass Paver
33,000 sq. ft.

LOCATION
Depew, NY

APPLICATION
Right of Way

INSTALLATION DATE
October 2012

OWNER
New York Department of Transportation

DESIGN FIRM
Advanced GeoServices
EZ Roll Permeable Pavers were used to contain soil contaminated with high levels of metals in Depew, New York. The affected area was located adjacent to a busy street in a utility right of way. Removing the contaminated soil and replacing it with clean soil was the ideal solution. However, this solution was prohibitively expensive and would have interfered with the installed utilities and traffic in the area. The involved agencies represented by Advanced GeoServices chose instead to design a containment scheme which featured EZ Roll Permeable Pavers. Only the top two inches of soil were disturbed during the installation, saving both time and money.

The advantages of using EZ Roll Permeable Pavers for this application are:
- Provides a visible, physical barrier to the contaminated soil
- Allows stormwater to percolate into the soil, filtering contaminants from the water
- Reduces or eliminates contaminated water from entering the storm drain system
- Promotes vegetation growth while holding topsoil in place and stabilizing the subgrade

The completed project improved the appearance of the area while still allowing access to the utilities without blocking traffic.

The general contractor stated, “Advanced GeoServices identified an innovative capping technology [for the contaminated soil] using EZ Roll Permeable Paver as a primary component. They efficiently implemented the design while working with New York DOT and EPA to gain approval and complete the installation.”