



Jani's GRILLE

CONN BOOKSTORE & STORES  
CO-OP CENTER

# MUNICIPAL PROJECTS

**UNILOCK**  
DESIGNED TO CONNECT

# UNIQUE PROJECT CHALLENGES, **UNILOCK** HAS THE SOLUTION.

Municipal projects must meet the demands of many stakeholders and so they are faced with unique landscaping challenges. The following are just a few examples of how Unilock projects can help provide solutions.



HUDSON SQUARE NEW YORK, NEW YORK.

## < STORMWATER RUNOFF

**CHALLENGE:** Hudson Square in Lower Manhattan is located on a 100-year flood plain and the neighborhood is comprised of impervious pavement that cause the overloading of the stormwater system during major rain events. During Hurricane Sandy this area was flooded.

**SOLUTION:** The use of permeable pavers allows the municipality to manage the amount of stormwater that enters the system and limits localized flooding. By making one-quarter of the sidewalks permeable with Unilock Eco-Priora™ pavers, nearly all the rain during a 2" storm is diverted from the city's overburdened sewer system. Not only does this help address flooding but also sewer overflow.



PENN STREET TRAILS PHILADELPHIA, PENNSYLVANIA.

## < CROSS WALKS AND MEDIAN STRIPS

**CHALLENGE:** Balancing the requirement for a functional roadway with the needs of the pedestrian community to create a safe environment that is easy to maintain.

**SOLUTION:** Decorative band paving with Unilock Senzo® pavers not only demarks the intersection but defines pedestrian and vehicular conflict. Pavers can be installed quickly and efficiently with minimal disruption to local traffic. They can also be driven on immediately after installation. Because Unilock pavers are manufactured to meet the ASTM C936 standard they are stronger than poured-in-place concrete or bituminous asphalt ensuring that they will stand up to harsh winter environments and salts. The added benefit of Senzo is its ease of cleaning and maintenance with integrated EasyClean™ technology.

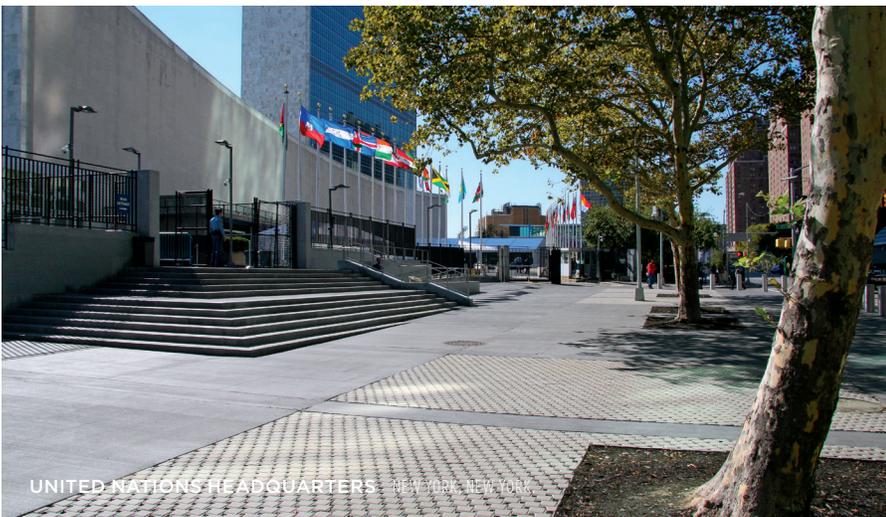


YORKVILLE AVENUE TORONTO, ONTARIO.

## < STREETSCAPES AND ROADWAYS

**CHALLENGE:** The 'Village of Yorkville' in the City of Toronto is a year round destination for shopping, dining and cultural attractions as well as a desirable place to live. A new urban design mandated improvements to streets and open spaces while reflecting the uniqueness and diversity of the area.

**SOLUTION:** Unilock Umbriano® pavers delivered the look of granite in keeping with the upscale neighborhood while remaining sensitive to the budget at hand. The linear shape of the paver reflected a high standard of design while being capable of withstanding the loads of the trafficked roadway. In the event of further construction or repairs to infrastructure below the finished streetscape, pavers can be lifted and replaced with minimal disruption to local traffic.



UNITED NATIONS HEADQUARTERS NEW YORK, NEW YORK.

## < STREET TREES

**CHALLENGE:** While trees have an important aesthetic and functional role to play in any city, the urban environment is extremely harsh and can shorten their life expectancy.

**SOLUTION:** In many major cities like New York, permeable paving is installed around the tree pit to ensure enough water is sent to the root system thereby reducing the replanting rate. Water freely drains through the pavement, carrying much needed oxygenated water to the root zone while reducing puddles and stormwater runoff.



STORRS CENTER MANSFIELD, CONNECTICUT.

## < PUBLIC GATHERING SPACES

**CHALLENGE:** The crossroads of the Town of Mansfield and the University of Connecticut lacked a real town center for activities, festivals and gatherings.

**SOLUTION:** A visually engaging space was created using Series 3000® in a random pattern and a mix of colors to connect the surrounding Main Street community spaces. Due to the large surface area, a portion of the installation utilized Eco-Priora™, a permeable paver, in matching surface texture and colors. The use of permeable paving reduced the need for additional stormwater systems.



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