



FACT SHEET

Pearl Street Parking Lot

Project Description: Completed in September 2010, the Pearl Street Parking Lot Retrofit Project was a renovation of an existing one-acre asphalt/gravel parking lot located at the intersection of Pearl Street and Belden Avenue. The project transformed the existing lot into a partial porous asphalt parking lot featuring 25,000 square feet of subsurface infiltration to capture stormwater runoff. The rest of the parking lot was repaved with standard bituminous pavement sloped toward the porous surface.

The retrofit project was designed to capture and infiltrate at least one inch of stormwater runoff from not only the one-acre lot, but also adjacent areas of Pearl Street, East Belden Avenue, and Interstate-81, resulting in an estimated total runoff capture of 1.3 million gallons of stormwater each year. The design also featured pretreatment technology using inlet filter inserts, a 2-inch wide riverstone border at the edge of the new pavement with stainless steel edging material, and new ornamental tree and shrub plantings around the perimeter of the lot.

Project:	Pearl Street Parking Lot
Project Owner:	New York State Dept of Transportation
GI Technology:	Porous Pavement
Project Location:	400 Block of Pearl St.
Sewershed:	Franklin
Capture Area:	73,000 square feet
Run-off Reduction:	1,286,000 gallons/yr
Year Completed:	2010
Construction Cost:	\$397,000



Pearl Street Parking Lot before the renovation & implementation of green infrastructure



Pearl Street Parking Lot after the renovation & implementation of green

