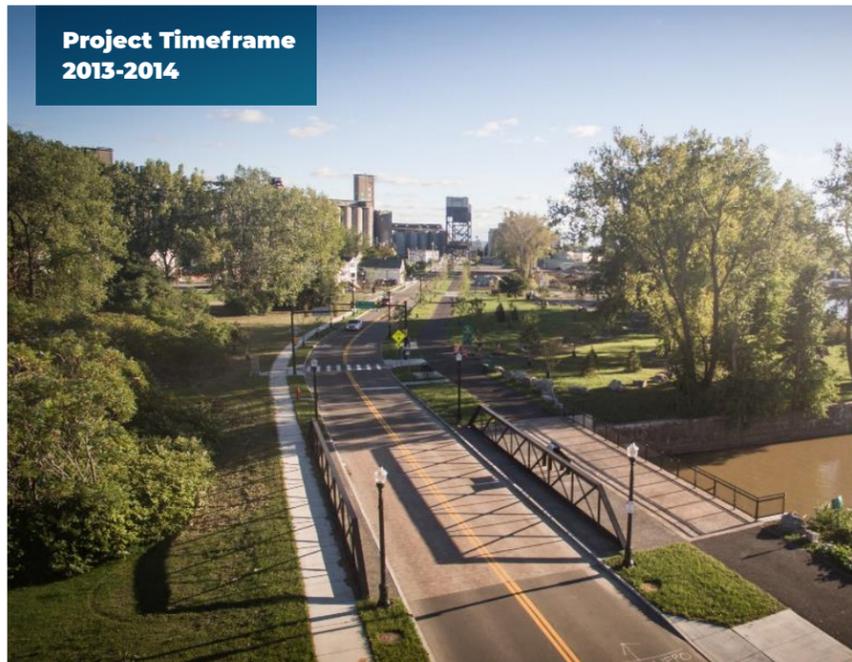


CASE STUDY Ohio Street

Transforming an industrial corridor into a tree-lined waterfront parkway

Located southeast of the central business district on the edge of the industrial waterfront areas, Ohio Street was a key site in the city's industrial development. Industries developed along the Buffalo River, transforming the city into a manufacturing center during the 19th century. Today, Ohio Street is one of the major connectors between the city's inner and outer harbors, playing an important role in the revitalization of Buffalo's waterfront. The Ohio Street corridor links major activity centers including Canalside, the Cobblestone District in the Inner Harbor, Gallagher Beach, Wilkeson Point, and Buffalo Harbor Park in the Outer Harbor. The area is also home to the historic Old First Ward neighborhood, first settled in the 19th century by Irish immigrants who worked in the industries that lined the Buffalo River. Many current residents are of Irish descent and every year the neighborhood hosts the "Old Neighborhood" St. Patrick's Day Parade. The recent conversion of Ohio Street into a waterfront parkway helps link local neighborhoods and residents to the transformation happening along the waterfront.



Project Timeframe
2013-2014

Community Partnerships

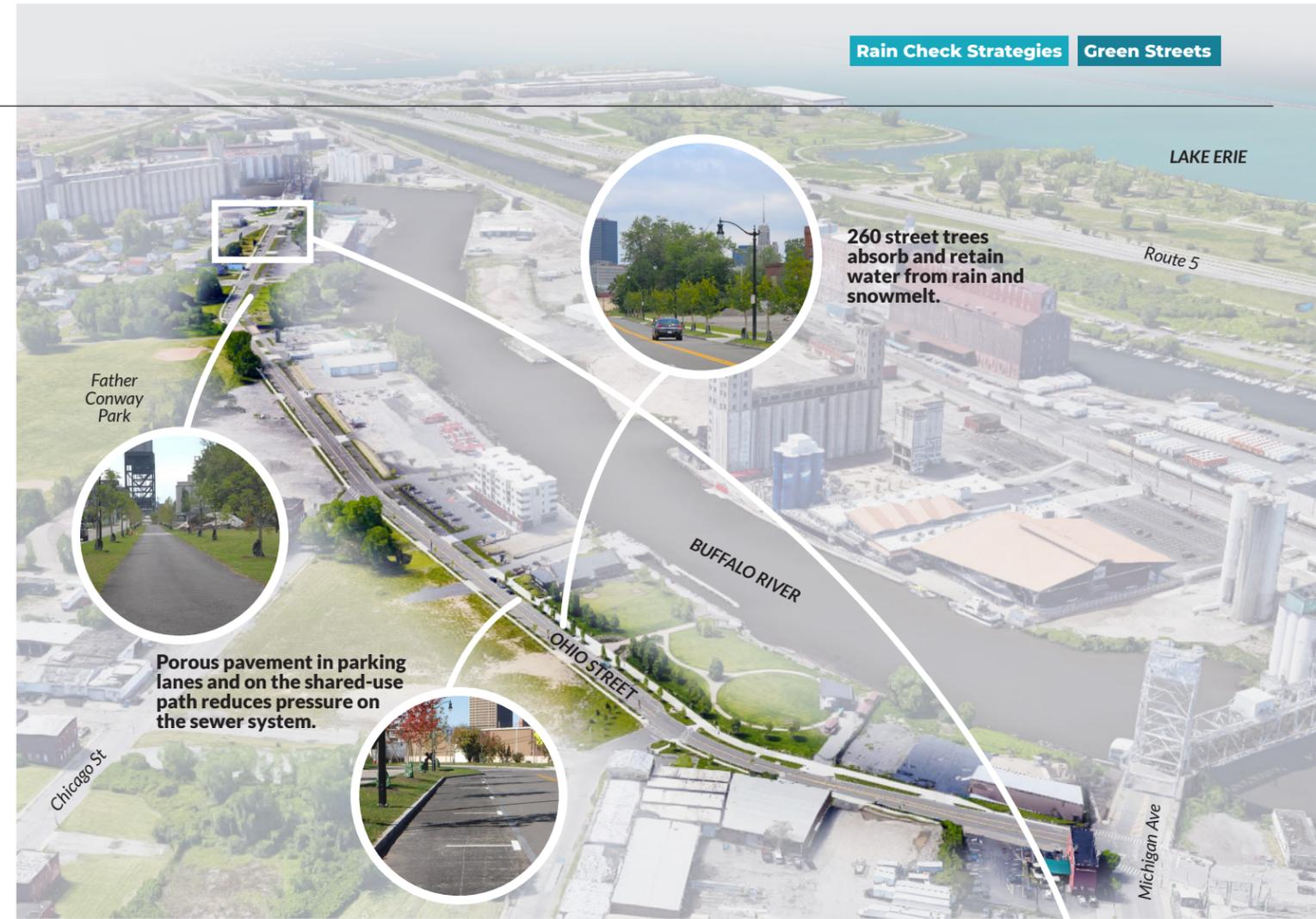
The Ohio Street project included a wide range of partners and community collaborations led by the City of Buffalo and Erie Canal Harbor Development Corporation. Buffalo Sewer, City of Buffalo Department of Public Works, Parks & Streets, and NYS Department of Environmental Conservation were all involved in the design of green infrastructure for the project. Buffalo Sewer and project partners also collaborated with neighborhood organizations, including Old First Ward Community Center and Valley Community Association, Buffalo Niagara Waterkeeper, elected officials, and property and business owners as part of the planning and design process.

Keeping the stormwater challenge in check with green infrastructure on Ohio Street

3.2 acres of impervious surfaces removed
260 trees planted

These investments on Ohio Street manage stormwater for 12.7 acres of the City.

70,824
gallons of runoff prevented from entering the sewer system in a typical rainfall event.



260 street trees absorb and retain water from rain and snowmelt.

Porous pavement in parking lanes and on the shared-use path reduces pressure on the sewer system.

Father Conway Park

Chicago St

OHIO STREET

BUFFALO RIVER

LAKE ERIE

Route 5

Michigan Ave

Green Infrastructure on Ohio Street



The streetscape project transformed this underutilized, four-lane commercial roadway built for automobiles, into a complete street that makes travel safe and comfortable for pedestrians, bicyclists and transit riders. A central feature of the

project was the reduction and re-allocation of travel lanes to provide space for a multi-use pathway and green infrastructure. A 12-foot-wide shared-use path and new parking lanes were installed with porous asphalt to reduce pressure on the sewer system during heavy rain or snowmelt events. Over 260 trees were also planted along the corridor to capture and store rain and snowmelt.



Road diet measures on Ohio Street reduced over 3.2 acres of impervious surface and allowed for a shared-use path to be built for pedestrians and bicyclists.

