Brownfields for Local Governments

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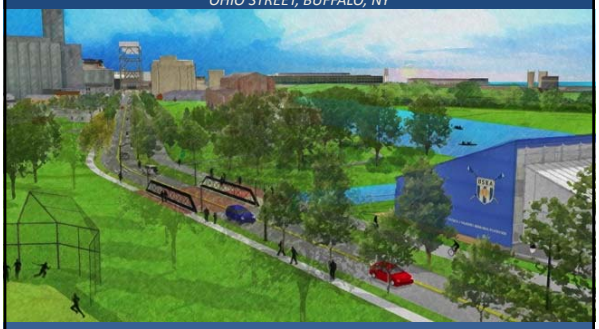
"Transforming Buffalo's Waterfront"

OHIO STREET, BUFFALO, NY



USING A "COMPLETE" STREET TO SPUR A RENAISSANCE

OHIO STREET AS A COMPLETE STREET:

- ESTABLISHES VITAL CONNECTIONS AND LINKAGES
- INCREASES MULTI-MODAL OPPORTUNITIES
- UPGRADES UTILITIES AND SUBSURFACE INFRASTRUCTURE
- CO-EXISTS WITH INDUSTRIAL LAND USE
- SERVES AS A CATALYST FOR REVITALIZATION OF PRIME BROWNFIELD PROPERTIES
- BRINGS "NEW" INTEREST TO "OLD" BUILDINGS
- INCREASES PROPERTY VALUES… AND

LIFTS COMMUNITY SPIRITS

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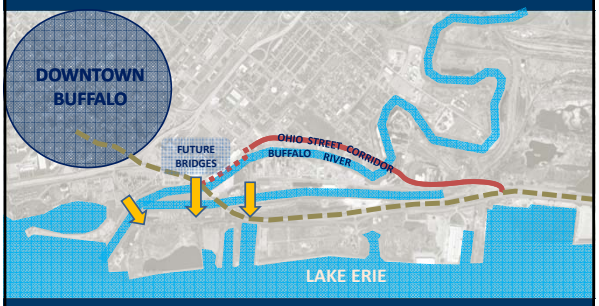
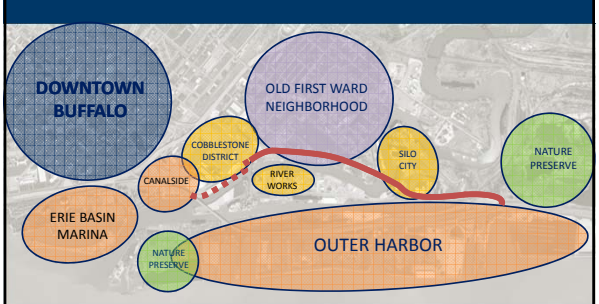
(RE)CONNECTING THE CITY TO THE LAKE

OHIO STREET IS A COMPLETE STREET SOLUTION



LIMITED ACCESS HIGHWAY RESTRICTS PRIME LANDS

OHIO STREET AS THE CONNECTOR

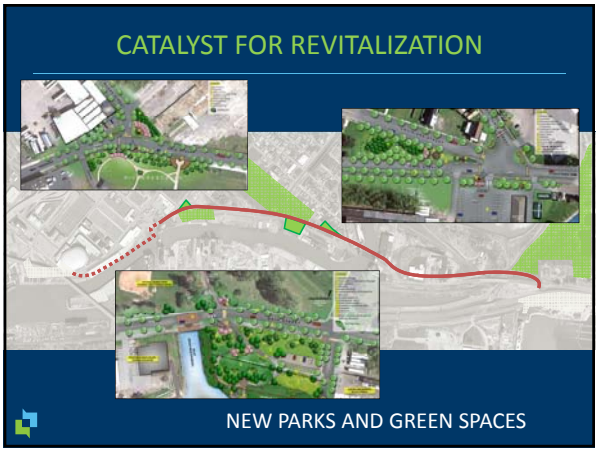


THE COMPLETE STREET SOLUTION

CATALYST FOR REVITALIZATION

ACCESS TO WATERFRONT PARKS

CATALYST FOR REVITALIZATION



NEW PARKS AND GREEN SPACES

CATALYST FOR REVITALIZATION

OPENING UP PRIME WATERFRONT LANDS

CATALYST FOR REVITALIZATION

RECENT OR CURRENT DEVELOPMENTS

CATALYST FOR REVITALIZATION

DEVELOPMENT RECENTLY ANNOUNCED

COMMUNITY COLLABORATION

Multi-Modal

- City of Buffalo Department of Public Works Office of Strategic Planning
- Niagara Frontier Transportation Authority
- Greater Buffalo Niagara Regional Transportation Council
- City of Buffalo Bicycle & Pedestrian Advisory Board
- Erie County Department of Environment and Planning
- New York State Department of Transportation

Green

- City of Buffalo Department of Public Works Parks
- Buffalo Sewer Authority
- New York State Department of Environmental Conservation
- Buffalo-Niagara Riverkeepers

Smart

- City of Buffalo Department of Public Works Street Lighting
- Utility Companies
- CSX Railroad
- Industrial Heritage Committee
- WNY Railway Historical Society
- Preservation Buffalo Niagara
- Seneca Tonawandas

Neighborhood

- First Ward Community Center
- Valley Community Center
- Property Owners
- Elected Officials
- Design Circuit
- Friends of the Cotter
- Silo City
- River Fest Park LLC
- Buffalo Scholastic Rowing Association

STAKEHOLDERS

CATALYST FOR REVITALIZATION

NEW RIVERFRONT DEVELOPMENTS

CATALYST FOR REVITALIZATION

NEW RIVERFRONT DEVELOPMENTS

CATALYST FOR REVITALIZATION

NEW RIVERFRONT DEVELOPMENTS

OHIO STREET MULTI-MODAL

OHIO STREET MULTI-MODAL

OHIO STREET MULTI-MODAL

CONNECTION TO THE RIVER AND LAKE

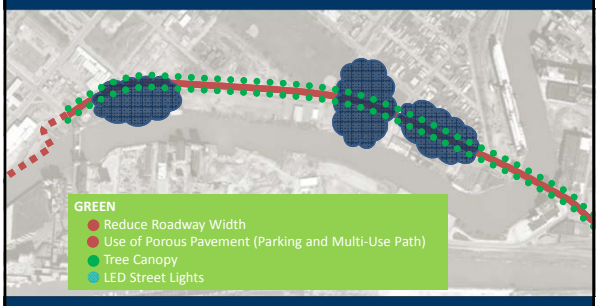
OHIO STREET SIGNAGE

"TRAIL CONNECTIONS"

OHIO STREET SIGNAGE

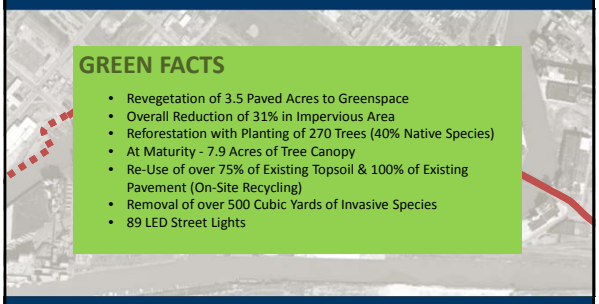
INTERPRETIVE SIGNS

OHIO STREET GREEN ELEMENTS



FROM BROWN TO GREEN

OHIO STREET GREEN ELEMENTS



GREEN FACTS

- Revegetation of 3.5 Paved Acres to Greenspace
- Overall Reduction of 31% in Impervious Area
- Reforestation with Planting of 270 Trees (40% Native Species)
- At Maturity - 7.9 Acres of Tree Canopy
- Re-Use of over 75% of Existing Topsoil & 100% of Existing Pavement (On-Site Recycling)
- Removal of over 500 Cubic Yards of Invasive Species
- 89 LED Street Lights

FROM BROWN TO GREEN

Wilkeson Pointe

Outer Harbor on Lake Erie, Buffalo

From Brown to Green

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WILKESON POINTE – LOCATION MAP

WILKESON POINTE – LOCATION MAP
DOWNTOWN BUFFALO
OHIO STREET CORRIDOR
BUFFALO RIVER
WILKESON POINTE
LAKE ERIE

WILKESON POINTE – LOCATION MAP
DOWNTOWN BUFFALO
CANALSIDE
OHIO STREET CORRIDOR
BUFFALO RIVER
WILKESON POINTE
LAKE ERIE

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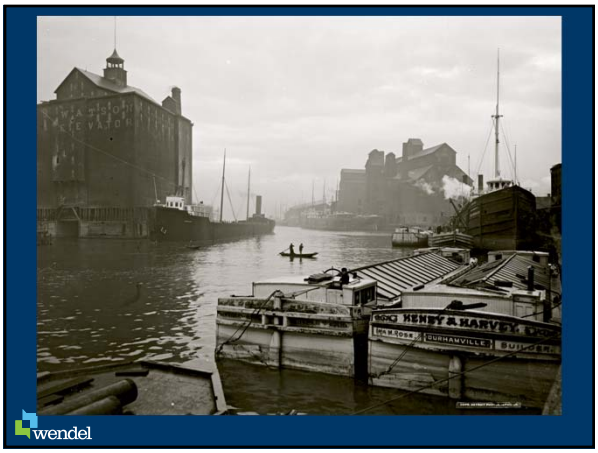
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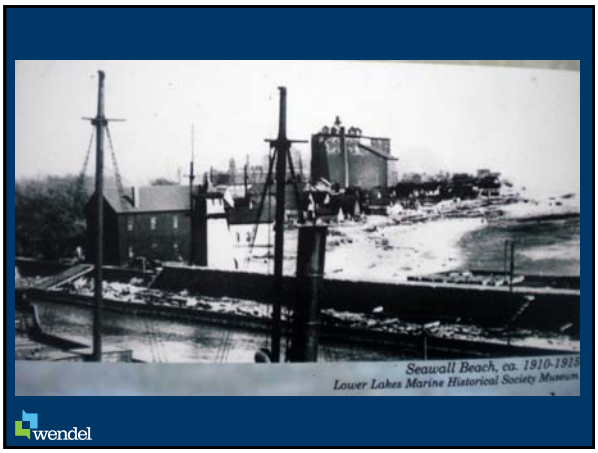
Seawall Beach, ca. 1910-1918
Lower Lakes Marine Historical Society Museum
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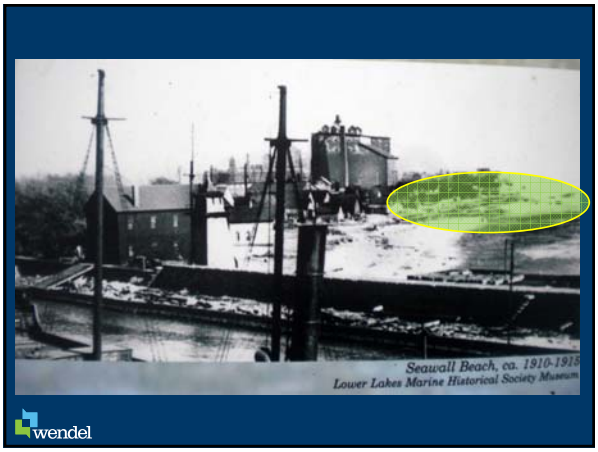
Seawall Beach, ca. 1910-1918
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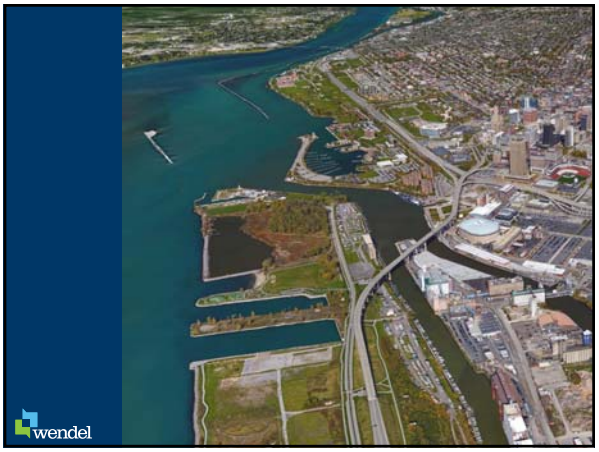
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TIMES BEACH NATURE PRESERVE
FURHMANN BOULEVARD
LAKE
ERIE
Master Plan for Outer Harbor Parcel
Public Waterfront Access and Shoreline Enhancements

TIMES BEACH NATURE PRESERVE
NEW SPECIAL
EVENTS AREA/
EXPANDED PARK
FURHMANN BOULEVARD
LAKE
ERIE
Master Plan for Outer Harbor Parcel
Public Waterfront Access and Shoreline Enhancements

Primary Goals

- **Transform a former Industrial site into a new "green" destination on the Lake**
- Bury Brownfield Materials on-site to avoid major costs – sculptural earth forms (Historic fort) – views to lake, etc.
- Re-naturalize the setting – use all hardy native vegetation
- Work with the wind, not against it
- Create a unique attraction – do not duplicate what people can already find elsewhere in the city, i.e. natural play area, "no-mow setting," landforms, water access, etc.

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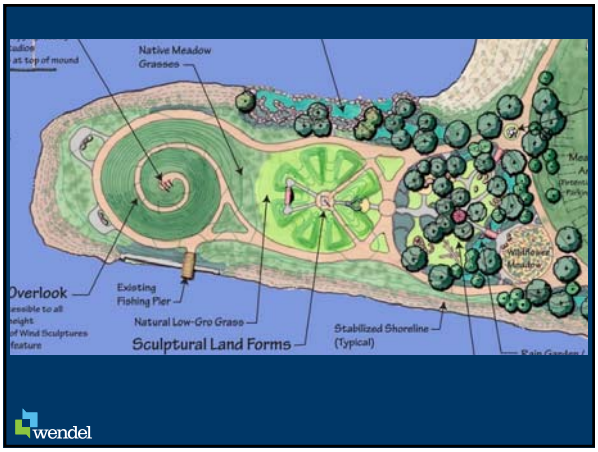

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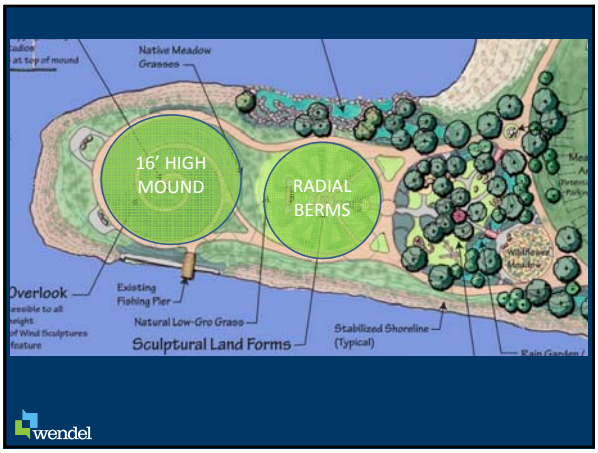

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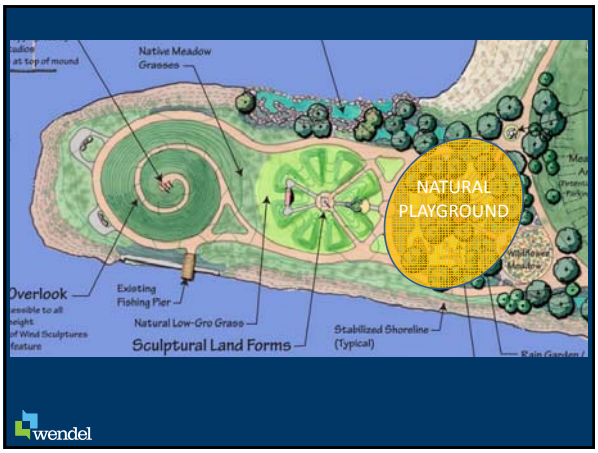
Native Meadow Grasses
NATURAL PLAYGROUND
Overlook
Existing Fishing Pier
Natural Low-Gro Grass
Sculptural Land Forms
Stabilized Shoreline (Typical)
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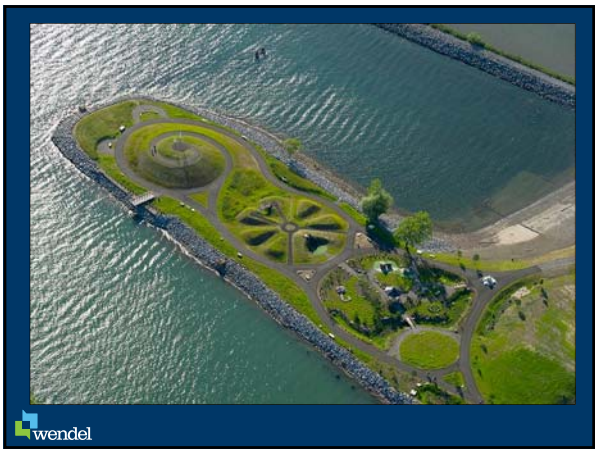
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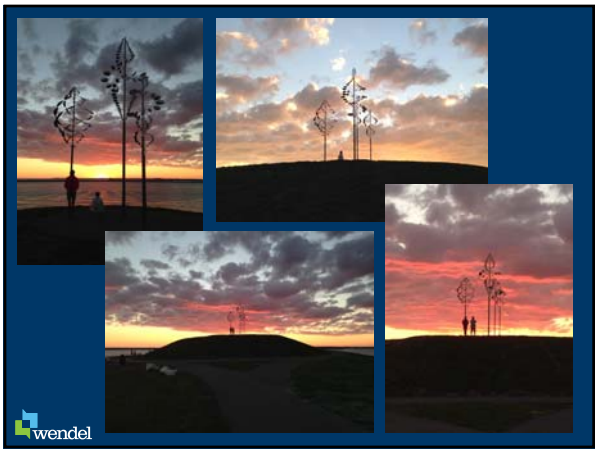
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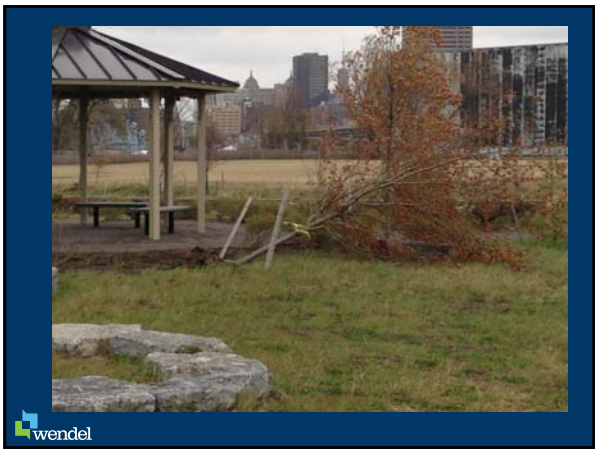

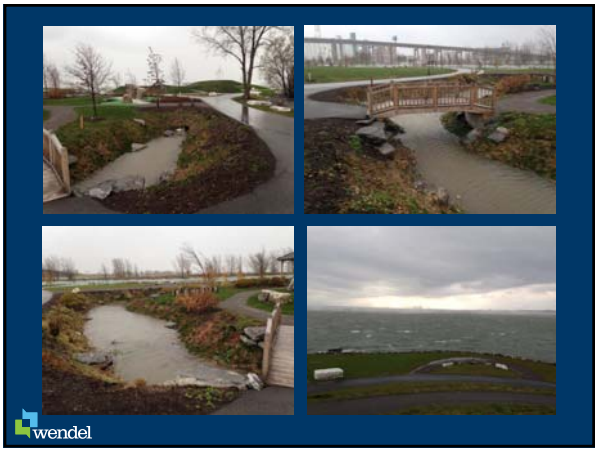

Mutual Riverfront Park

on Buffalo River, Buffalo

From Brown to Green

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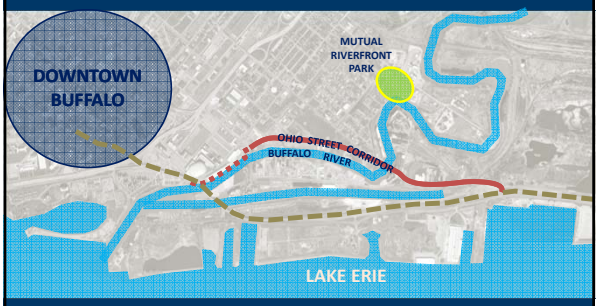
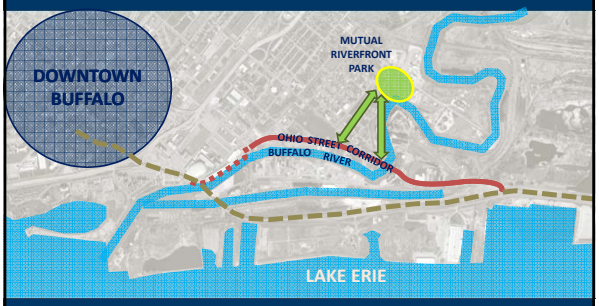
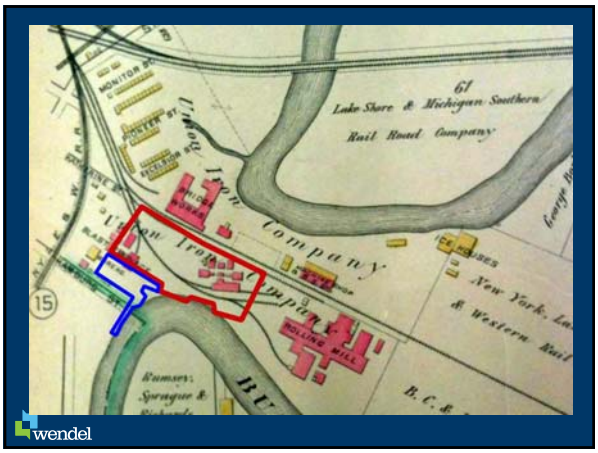
MUTUAL RIVERFRONT PARK– LOCATION MAP



MUTUAL RIVERFRONT PARK– LOCATION MAP




61
Lake Shore & Michigan Southern
Rail Road Company
Union Iron Company
ROLLING MILL
15
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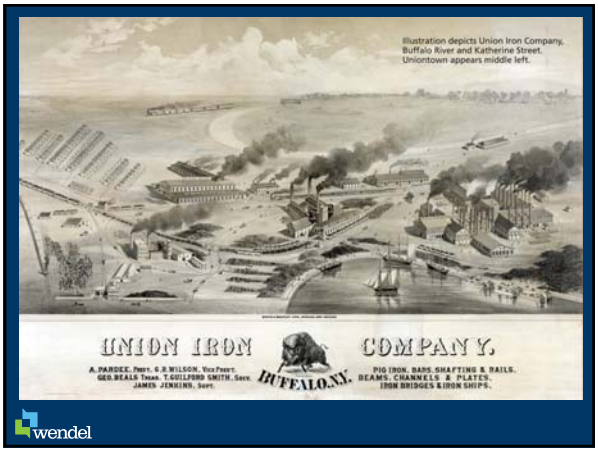
Illustration depicts Union Iron Company, Buffalo River and Katherine Street. Uniontown appears middle left.
UNION IRON COMPANY.
BUFFALO, N.Y.
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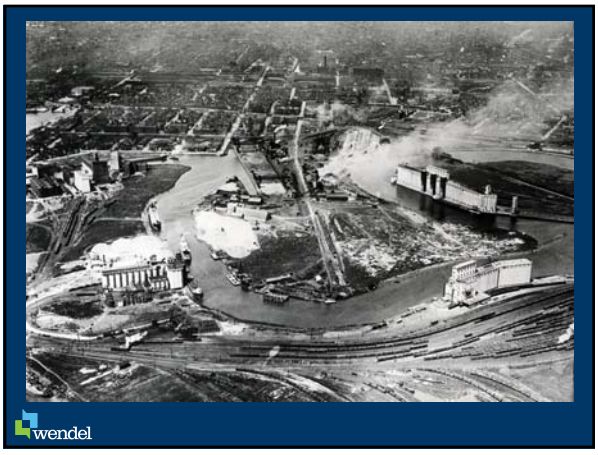
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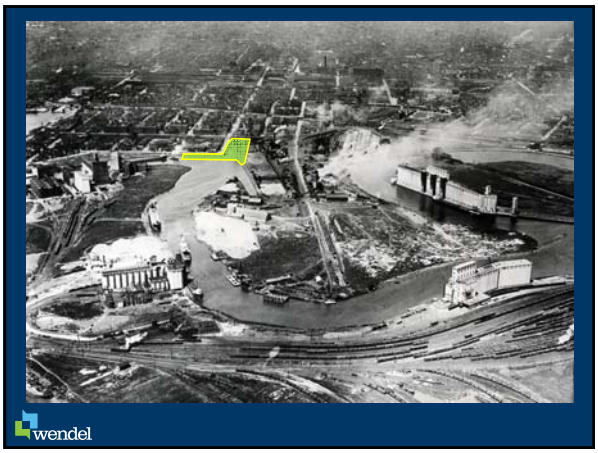

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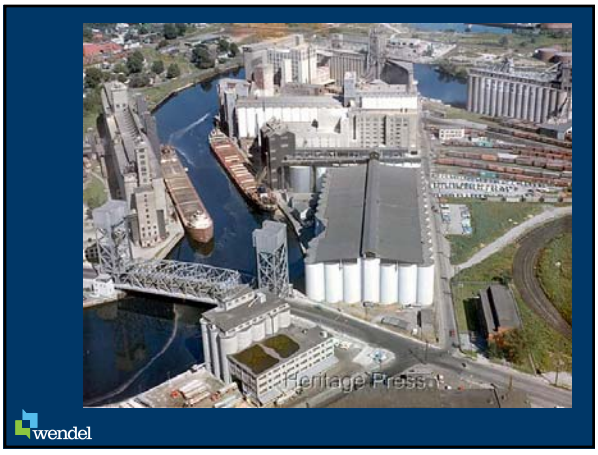

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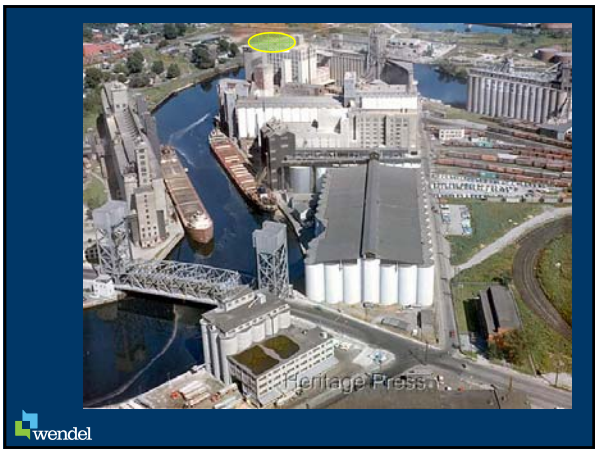
Heritage Press
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First Ward
wendel

First Ward
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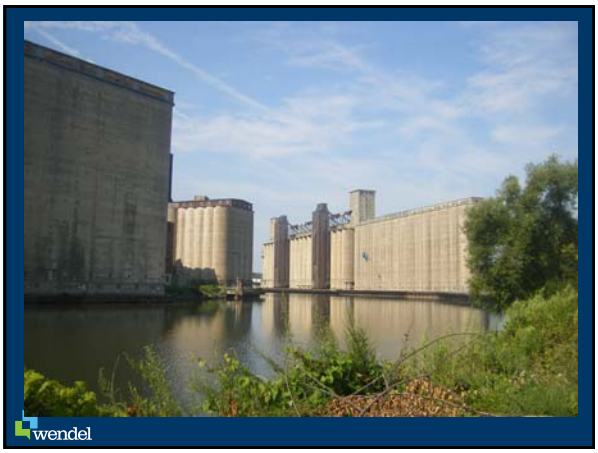

Mutual Riverfront Park
NYPA Ice Boom Storage Project
SOUTH
STREET
BUFFALO
RIVER

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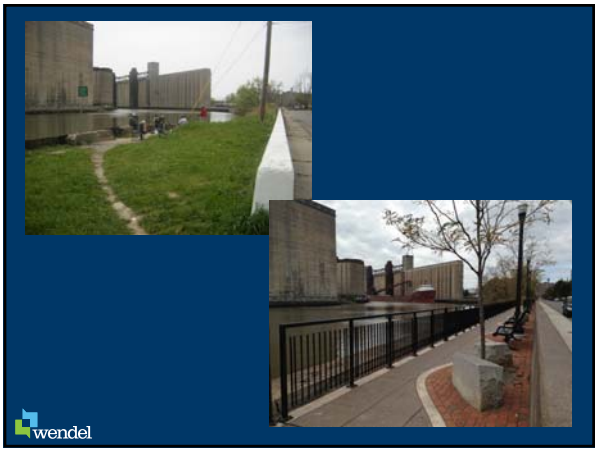
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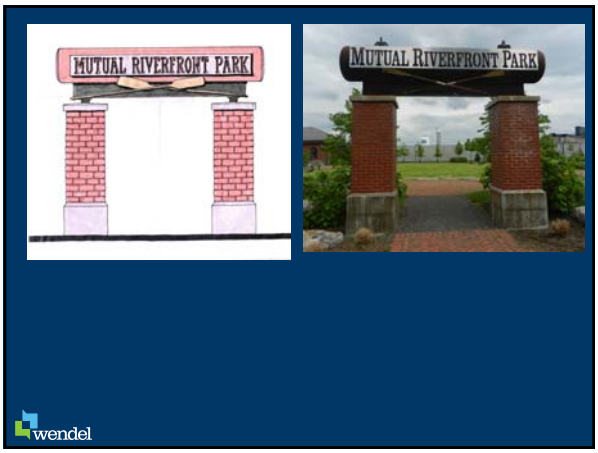
MUTUAL RIVERFRONT PARK
MUTUAL RIVERFRONT PARK
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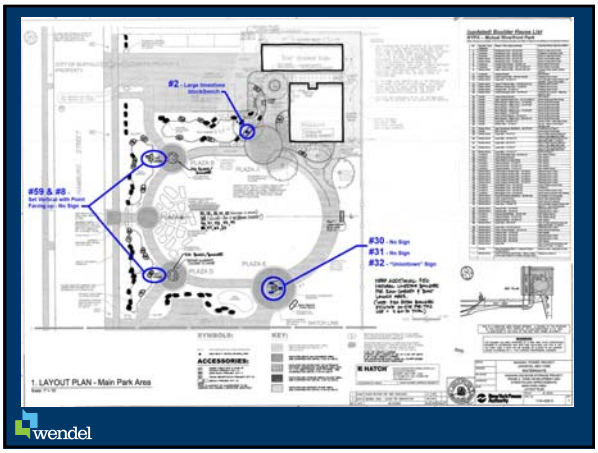
#2
#59 & #8
#30
#31
#32
1. LAYOUT PLAN - Main Park Area
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Uniontown
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The Mutual Rowing Club
Buffalo's Grain Elevators
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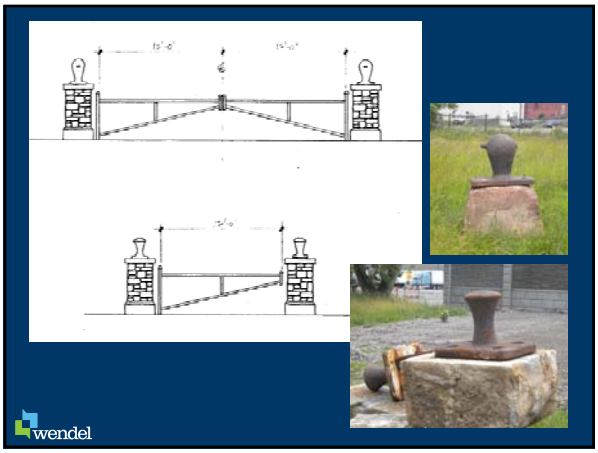
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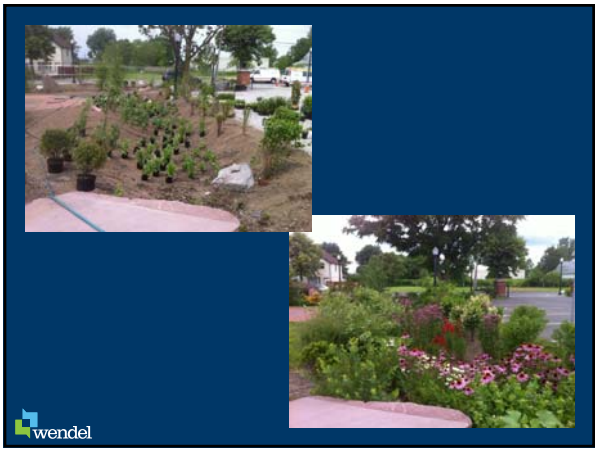
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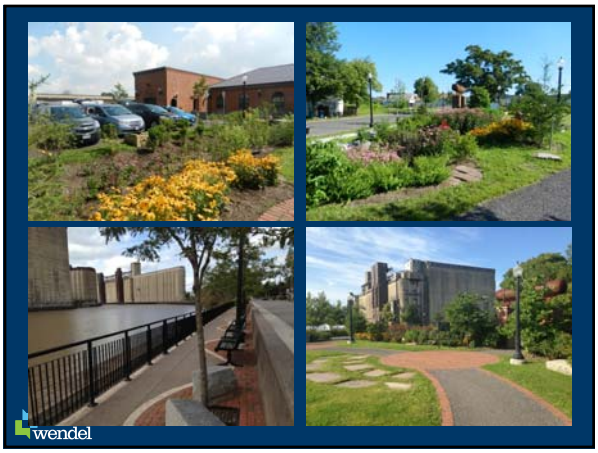
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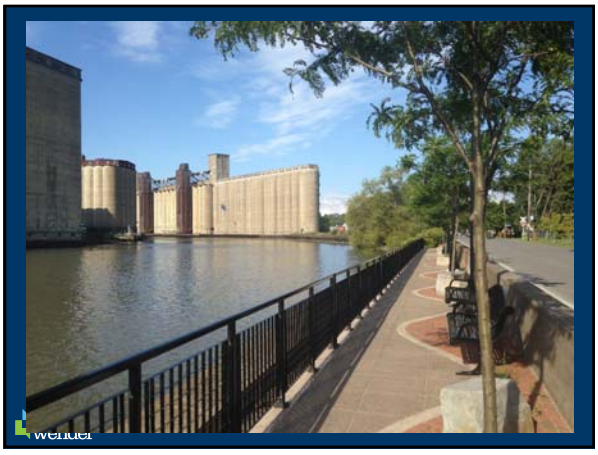

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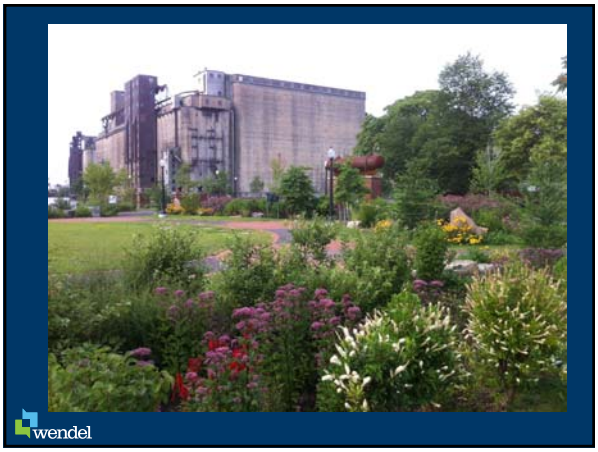

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