



- Funded and operated by the U.S. Department of Transportation.
- History: Since 2009, the Program has awarded more than \$3.8 billion in Federal funding leveraging an estimated \$6.8 billion in non-Federal funding.
 - 345 projects funded/10,400 applications received.
- Current Year: \$1 billion multimodal, merit-based, competitive discretionary grant program for surface transportation infrastructure
 - Awarded to 90 projects in 47 states
- Eligible Applicants: State and Local governments, Transit agencies, Port authorities
- Eligible Projects: \$5 million minimum award for projects in urban areas
 - Highway, bridge, or other road projects
 - Public transportation project
 - Rail projects
 - Port infrastructure investments
 - Intermodal projects

RAISE Grants

Rebuilding America Infrastructure with Sustainability and Equity



U.S. Department
of Transportation

Urban, Capital

Charlotte Multimodal Transit Hub

City of Charlotte

Charlotte, North Carolina

Grant Funding: \$15,000,000

Estimated Total Project Costs: \$85,718,000

Description:

This project will construct a new multimodal transit center to replace the existing open air bus terminal in downtown Charlotte. The new transit center will include an underground bus concourse with seamless connections to LYNX Blue line light rail, the CityLYNX Gold Line streetcar, local and regional bus service, and a new bicycle and pedestrian trail. The City of Charlotte intends to develop new retail and office space atop the new facility once completed.



RAISE Grants

Rebuilding America Infrastructure with Sustainability and Equity



U.S. Department
of Transportation

Urban, Capital

Benning Road Bridges and Transportation Improvements

District of Columbia Department of Transportation

Washington, District of Columbia

Grant Funding: **\$15,000,000**

Estimated Total Project Costs: **\$72,987,940**

Description:

This project will reconstruct the roadway and structures along an approximately 2-mile corridor of Benning Road between Oklahoma Avenue NE and Benning Road Metro station. The project includes the rehabilitation of the bridges which carry Benning over Kingman Lake, the Anacostia River, and DC-295 and the CSX rail corridor. The project will improve pedestrian and cycling connections, address vehicular and bus safety and operations at the Benning and Minnesota Avenue intersection, and accommodate future expansion of the DC Streetcar from its current terminus to Benning Road Metro.



RAISE Grants

Rebuilding America Infrastructure with Sustainability and Equity



U.S. Department
of Transportation

Urban, Capital

Detroit New Center Intermodal Facility Project

Michigan Department of Transportation

Detroit, Michigan

Grant Funding: \$10,000,000

Estimated Total Project Costs: \$57,309,488

Description:

The Project will construct an intermodal facility, which will include: a combined rail and bus station, providing ticketing, waiting, baggage handling and amenities on the north side of the tracks; a 12-berth intercity bus boarding and alighting area on the south side of the tracks, covered by a multi-level parking garage; a lengthened and widened passenger rail platform in approximately the current platform location (along the north face of the northern track); and a passenger tunnel connecting the combined passenger station and rail platform to the bus platforms and parking garage.



Figure 12: View of the Site from Across Christina River

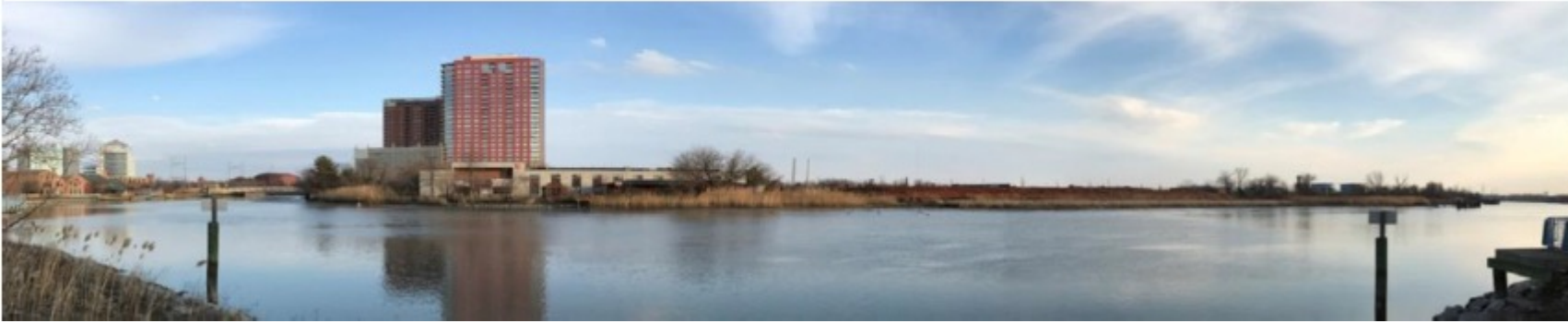


Figure 1: Project Location, Current Condition



- Decades of industrial use, followed by a period of underutilization and lack of maintenance, have left the project site and its existing infrastructure vulnerable to environmental risks and impeded mobility and economic development in the area.
- South Market Street functions as an urban highway. Four-lane traffic moves through the site at high speeds, creating safety risks to pedestrians and cyclists.
- The area would be entirely inundated in the case of the 100-year flood event under the site's current conditions

Figure 8: Existing Conditions Diagram of the 100-Year Flood at EL +9.0'



Figure 9: Proposed Conditions Diagram of the 100-Year Flood at EL +9.0'









Figure 6: Existing & Proposed Traffic Signals

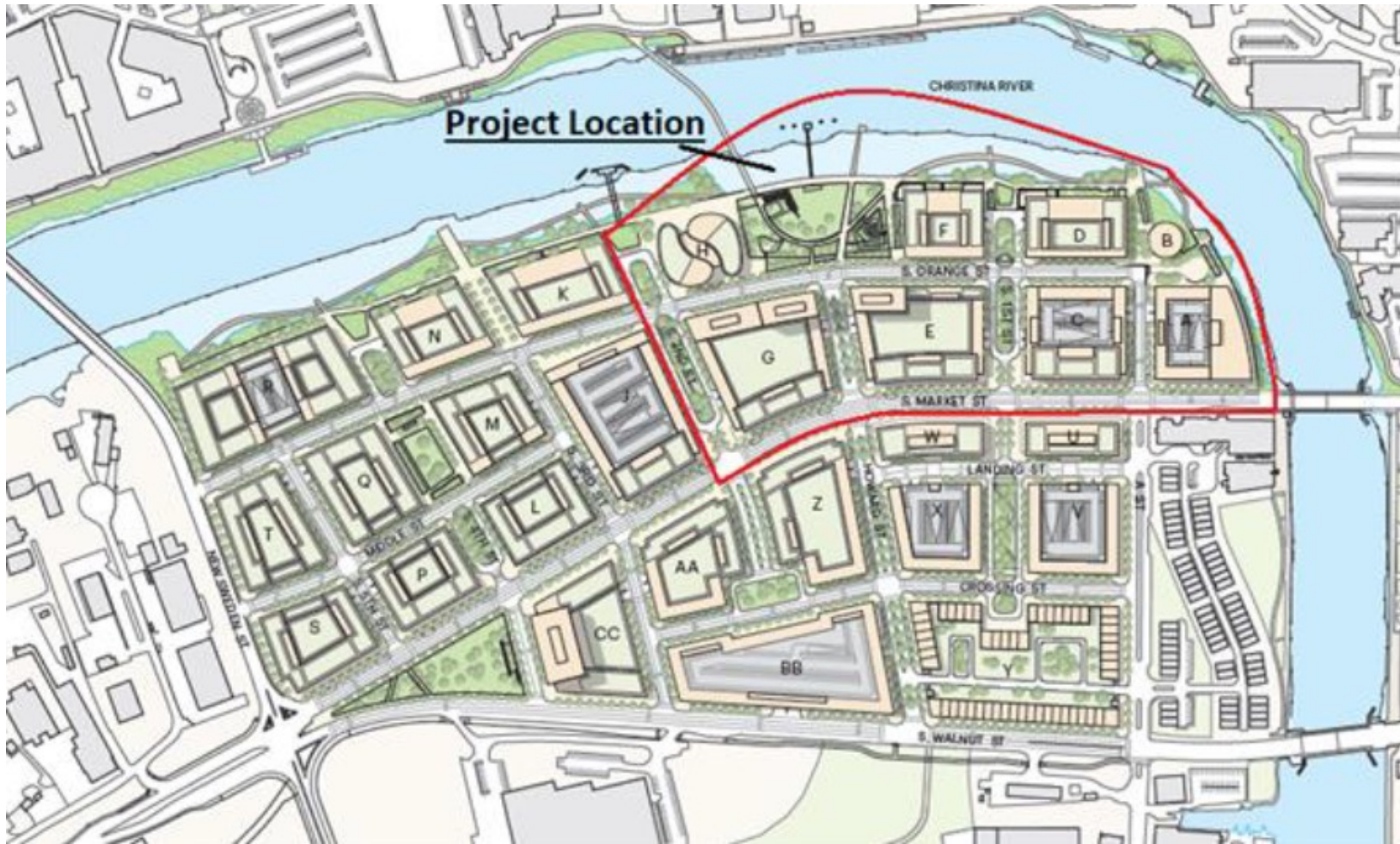


Figure 7: Proposed Traffic Signals and Stop Signs

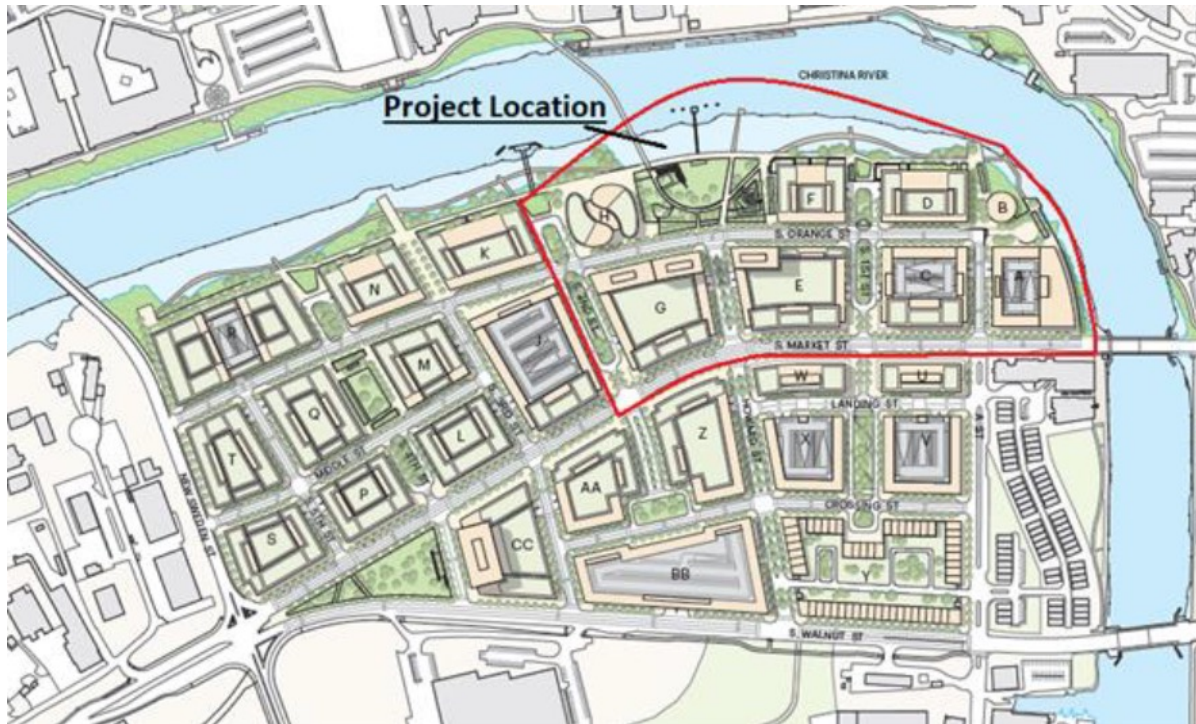


KEY

-  EXISTING TRAFFIC SIGNALS
-  PROPOSED TRAFFIC SIGNALS
-  EXISTING STOP SIGNS
-  PROPOSED STOP SIGNS
-  ARTERIAL ROADS
-  LOCAL ROADS



The purpose of the RAISE grant is to help fund a multifaceted transportation infrastructure project for the South Market Street Area that expands the current network of streets and adds 8 blocks to the City's grid system, incorporating bicycle and pedestrian linkages and safety improvements.



- An expanded road network branching from South Market Street, including traffic signals extending the City grid system to the site area
- Pedestrian and cyclist accommodations on new and existing roadways and a new set of pedestrian and bicycle pathways that connect to the existing network
- Along the Christina riverfront: Riverwalk for pedestrian and cyclist use, and various multi-use piers
- The addition of 160 on-street parking spaces along the streets that the site will comprise
- Construction of two greenways and associated tidal intrusions for more effective stormwater management
- Remediation through soil capping, clearing of invasive and non-native species from the wetland, and improvements to maintain proper elevation at the river's edge.



Transportation Infrastructure Investment Fund (TIIF)

TIIF was established to provide economic assistance for transportation infrastructure improvements in order to attract new businesses to this state, or expand existing businesses in this State, when such an economic development opportunity would create a significant number of direct, permanent, quality full-time jobs.

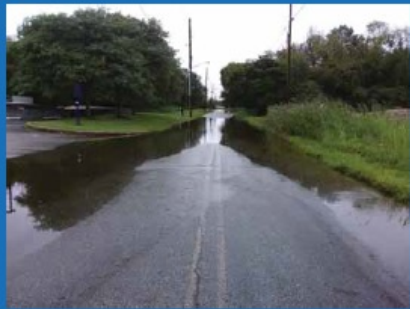


Light Action Productions
80 jobs created or retained
\$3,673,800 TIF Grant Award



The Challenge Program
19 jobs created or retained
\$1,003,300 TIF Grant Award

East 7th Street Peninsula Study



July 2019



Century Engineering, Inc.
56 W. Main Street Suite 100A Newark, DE 19702

Location Map

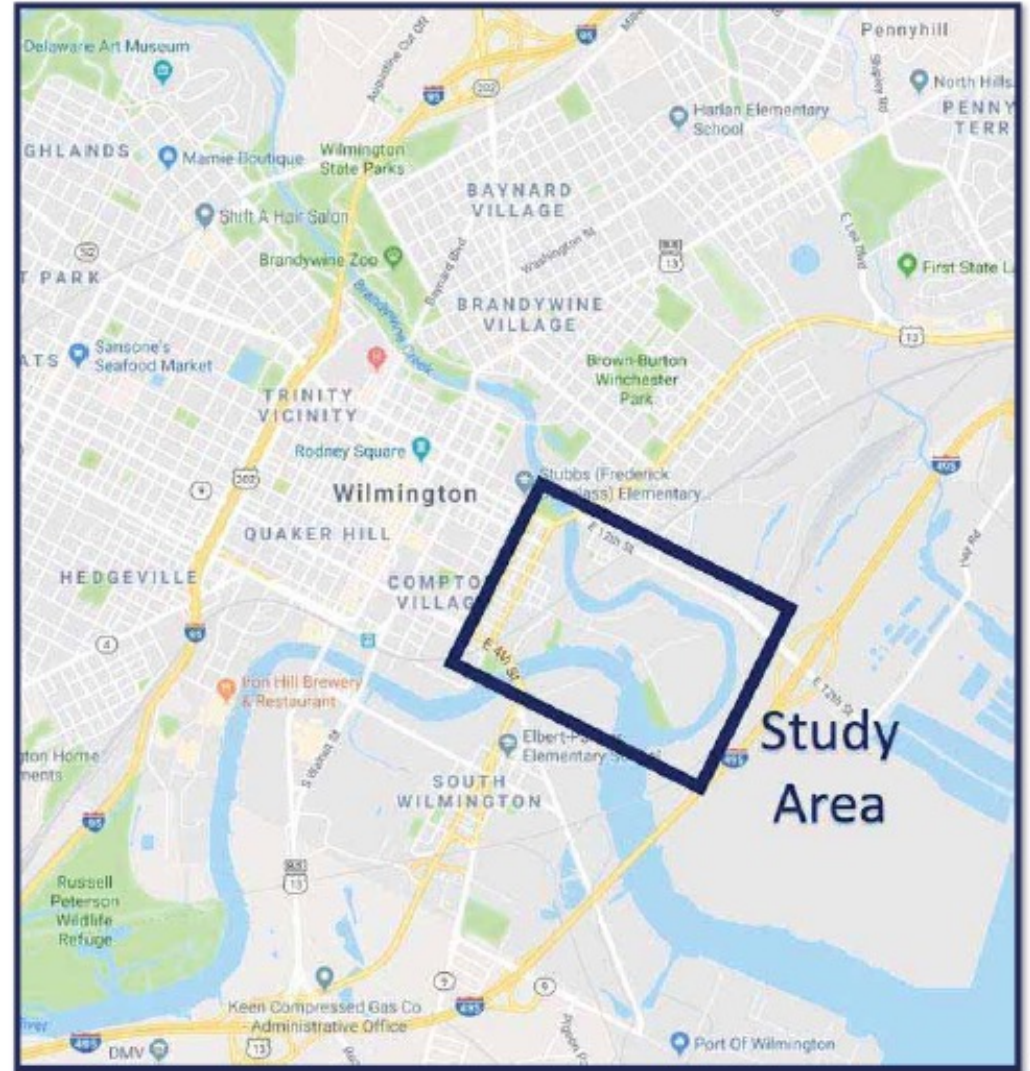




Figure 1: A photograph of the submerged intersection of 7th Street and Industrial Ave.

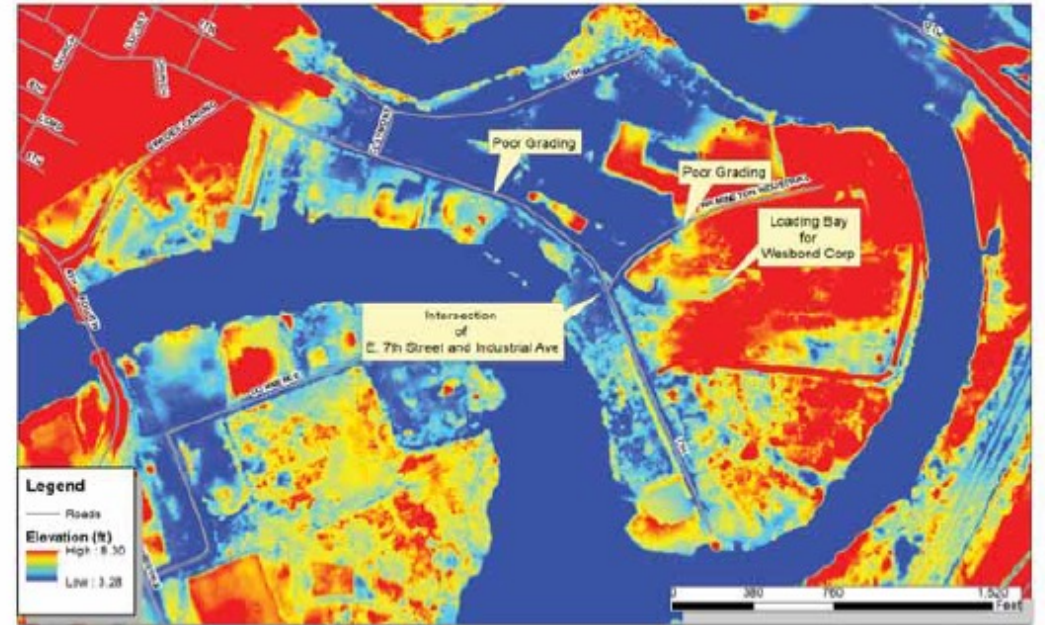


Figure 2: Elevations on the Peninsula

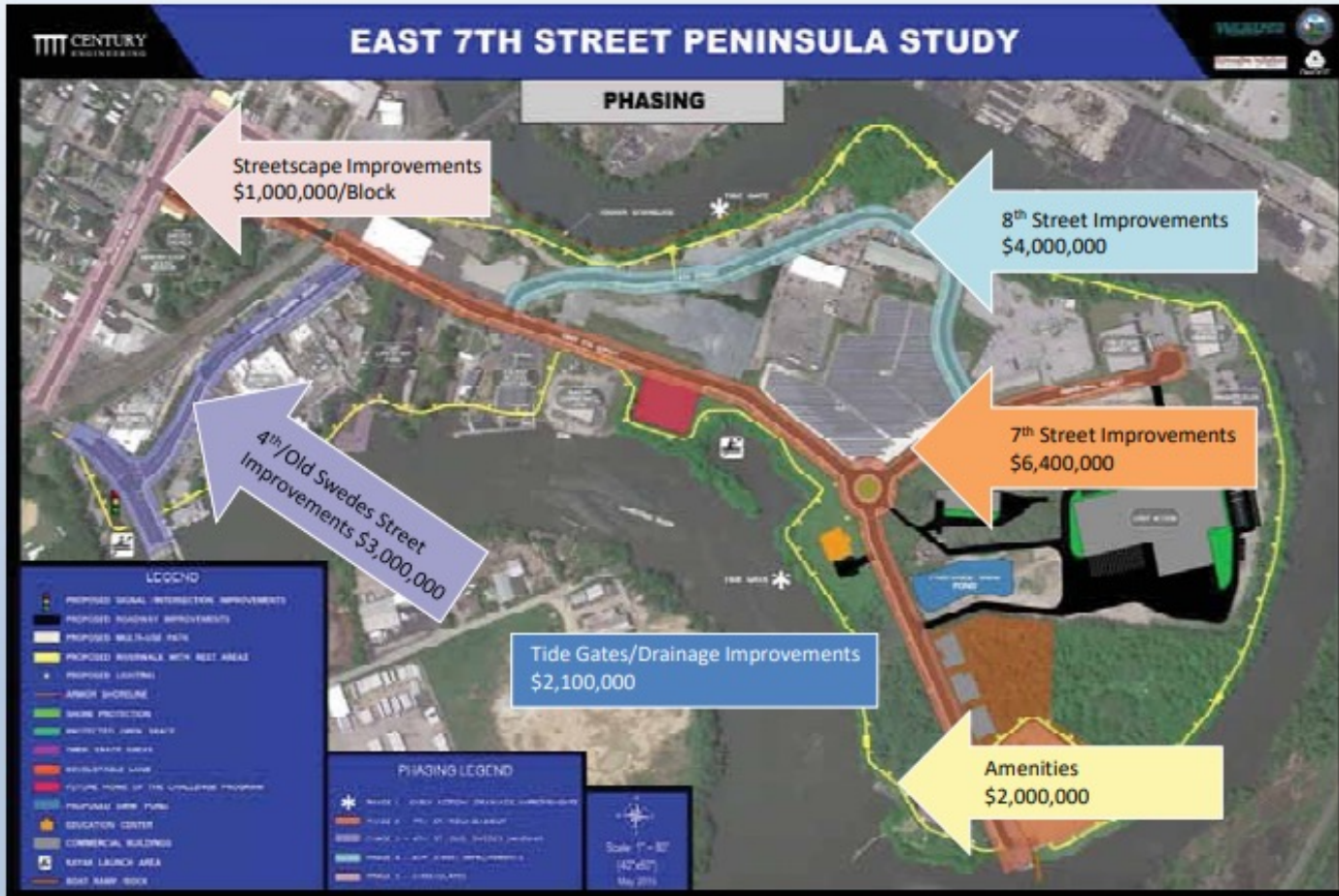
OVERVIEW



LEGEND

- PROPOSED SIGNAL / INTERSECTION IMPROVEMENTS
- PROPOSED ROADWAY IMPROVEMENTS
- PROPOSED MULTI-USE PATH
- PROPOSED RIVERWALK WITH REST AREAS
- PROPOSED LIGHTING
- ARMOR SHORELINE
- SHORE PROTECTION
- PROTECTED OPEN SPACE
- OPEN SPACE AREAS
- DEVELOPABLE LAND
- FUTURE HOME OF CHALLENGE PROGRAM
- PROPOSED SWM POND
- EDUCATION CENTER
- COMMERCIAL BUILDINGS
- KAYAK LAUNCH AREA
- BOAT RAMP / DOCK

Scale: 1" = 80'
 (40"x60")
 February 2019



- Proposed 7th Street Improvements:
- Elevate the existing roadway system. Currently the roadway system is the low point on the Peninsula in multiple locations and becomes one of the first areas to become flooded, blocking ingress and egress.
 - Raising the roadway system will ensure safe access during flooding events and will encourage additional development and redevelopment.
 - Raising the road will require interim drainage improvements to ensure that buildings and lots that are lower than the elevated roadways are not negatively impacted