



Lackawanna River at Scranton, PA (Albright, Plot, Green Ridge)

U.S. ARMY CORPS OF ENGINEERS
FACT SHEET as of February 1, 2015

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AUTHORIZATION: Section 101(17) Water Resource Development Act (WRDA) of 1992, as amended in Section 342 of WRDA 96, Energy and Water Development Appropriations Act of -1998 and 1999.

TYPE OF PROJECT: Flood Risk Management

PROJECT PHASE: Construction

CONGRESSIONAL INTEREST: Senators **Casey** and **Toomey (PA)**; Representative **Cartwright (PA-17)**

NON-FEDERAL SPONSOR: City of Scranton, PA. Pennsylvania Department of the Environment (PADEP) is providing half of the non-Federal cost share.



BACKGROUND: The WRDA 92 authorized 100-year level of protection for the Scranton community of Albright Avenue that included 7,500 feet of levee and floodwall, three closure structures, interior drainage facilities, and flood risk mitigation features including non-structural initiatives such as elevating or relocating structures out of the floodplain and improved flood forecast and warning system. The EWDA 99 amended the authorization to include 100-year level of protection for two additional Scranton communities: Plot and Green Ridge that included 13,750 feet of levee and floodwall, four closure structures, utility and roadway relocations, and interior drainage structures, and flood risk mitigation features including non-structural initiatives such as elevating or relocating structures out of the floodplain and improved flood forecast and warning system.

STATUS: The project is substantially complete, however, given significant hydrologic change since the project was designed in 1985, the constructed levee cannot be recommended for accreditation by FEMA because of insufficient safety factor (freeboard height) above the newly projected 100-year base flood elevation used in mapping flood risk on Flood Insurance Rate Maps (FIRMs). For Albright, Green Ridge, and Plot the downstream sections need to be raised an average of 1.5 feet, 1.7 feet, and 0.6 feet, respectively. The upstream section of Green Ridge needs to be raised an average of 0.9 feet. These amounts assume lowering existing chain link fences on the Olive, Poplar, and Albright Avenue bridges to comply with state law for fences to be 32 inches high for vehicular usage and 42 inches high for pedestrian crossings. Currently these fences average about six feet tall and would dam flood waters during a major storm event. In fiscal 2015 the Baltimore District is scheduled to complete a preliminary analysis on the cost and benefits of raising the levee sections. FEMA is also implementing a levee analysis and mapping program (LAMP) that looks at mapping risk for levee systems that do not meet current accreditation requirements.

BUDGET(\$):

	<u>CONSTRUCTION</u>
Total Estimated Cost ¹	\$ 91,270,000
Federal Cost Estimate	67,012,000
Non-Federal Cost Estimate	24,258,000
<u>Federal Funds Data</u>	
Allocation thru FY 2013 ^{1, 2}	63,410,000
Allocation for FY 2014	-47,000
President Budget FY 2015 ³	0
Projected Allocation for FY 2015 ⁴	TBD
Balance to Complete	3,648,000

Notes:

¹ Includes \$1,783,000 of Investigations PED funds.

² Includes \$6,460,000 of American Recovery and Reinvestment Act (ARRA) funds.

³ The President typically sends the budget to Congress in February each year. Upon release, budget amounts for the USACE Civil Works programs and specified projects are posted online at the HQUSACE website in a program budget press book at <http://www.usace.army.mil/Missions/CivilWorks/Budget.aspx>.

⁴ The final FY 2015 allocation amounts will be made available upon final approval pursuant to the Energy and Water Appropriations Act's continuing funding requirements.

SCHEDULE:

FY 2014 Completed Work: Sponsor worked on a plan to complete the remaining mitigation requirements.

FY 2015 Scheduled Work: Previous year carry in funds in the amount of \$663,000 will be used to complete the levee system Design Documentation Report (DDR). Sponsor is working to complete the remaining project flood risk mitigation requirements.

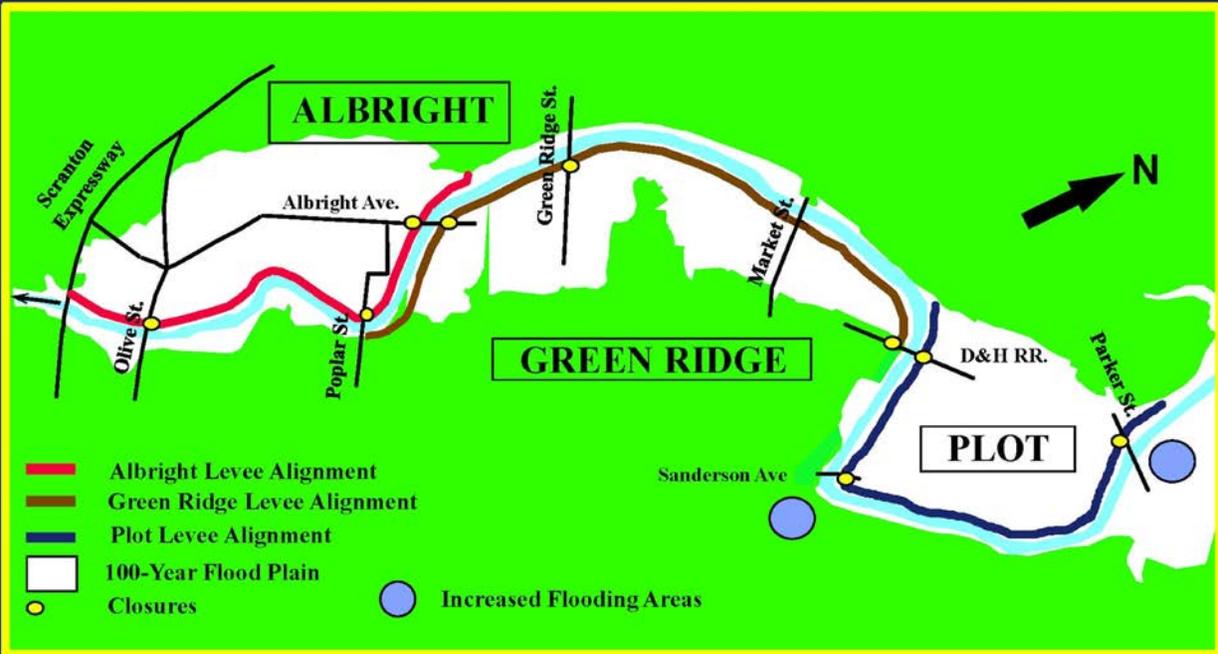
COMPLETION: With optimal funding the remaining mitigation actions can be completed in 2016.

For more information regarding the Scranton, PA project, contact the project manager, Rolando A. Sanidad, CENAB-PP-C, (410) 962-2668, or e-mail Rolando.Sanidad@us.army.mil



US Army Corps
of Engineers
Baltimore District

Lackawanna River Scranton, PA Flood Protection Albright, Plot and Green Ridge



U.S. ARMY CORPS OF ENGINEERS – BALTIMORE DISTRICT

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