LACKAWANNA FLOOD DAMAGE REDUCTION PROJECT

Department of Environmental Conservation

Region 9 Counties: Allegany, Chautauqua, Cattaraugus, Erie, Niagara, Wyoming

Operated and Maintained by: The City of Lackawanna

PROJECT LOCATION
The two branches of Smokes Creek rise on the north slope of the Alleghany Plateau and nearly paralleling each other, flow in a north-westerly direction across the Lake Erie Plain to their junction in Lackawanna, Erie County, New York. The project is located entirely within the city of Lackawanna.
PROJECT DESCRIPTION

The flood control improvements begin at the mouth of the creek and extend upstream to the confluence of the North and South Branches; at Penn Central Company railroad bridge No. 20. It continues up the North Branch through the Baltimore and Ohio railroad bridge, No. 27, including also protection to the South Shore Boulevard bridge, and up the South Branch, to a point about 2,460 feet above the South Park Avenue bridge, No. 36.

AUTHORIZATION

Construction of improvements for flood control on Smokes Creek at Lackawanna, Erie County, New York, was authorized by Congress in the Flood Control Act of 1960, Public Law 86-645, July 14th, 1960.

PROTECTION PROVIDED

The project was designed to provide a non-damaging channel capacity of 2,500 c.f.s. on each of the branches and 5,000 c.f.s. on the main stem at the confluence. At a point approximately 4,500 feet upstream of the creek mouth, the main stream design capacity increases to 5,200 c.f.s. At the time of construction, these design capacities were estimated to occur or to be exceeded once in 40 years.

CONSTRUCTION

The project was constructed in three sections. The construction history follows:

<table>
<thead>
<tr>
<th>Section</th>
<th>Contractor</th>
<th>Construction Period</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Josanco Construction Corp., Tonawanda, New York</td>
<td>October 7, 1964 to October 14, 1965, Joint Inspection: January 5, 1966</td>
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