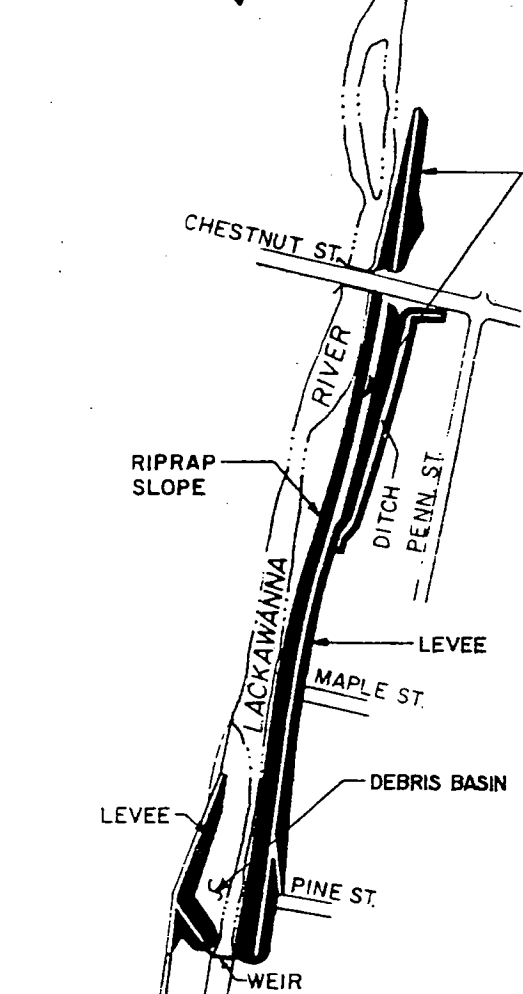
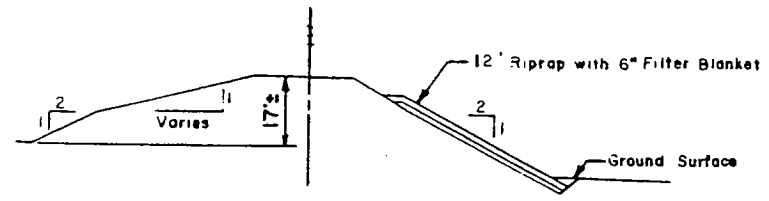


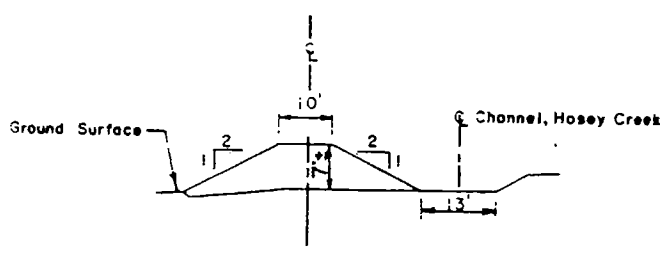
GENERAL
LOCATION MAP



EXISTING LEVEE RAISED



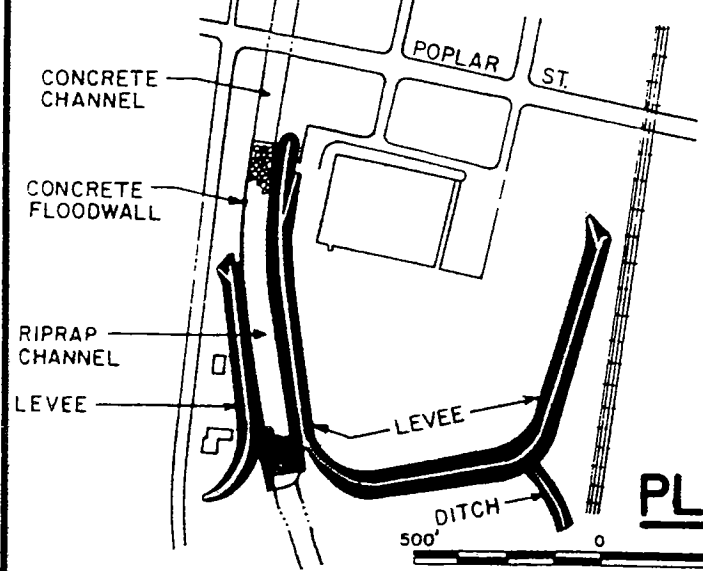
LACKAWANNA RIVER LEVEE



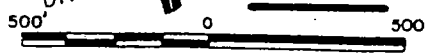
HOSEY CREEK LEVEE

TYPICAL CROSS SECTIONS

No Scale



PLAN



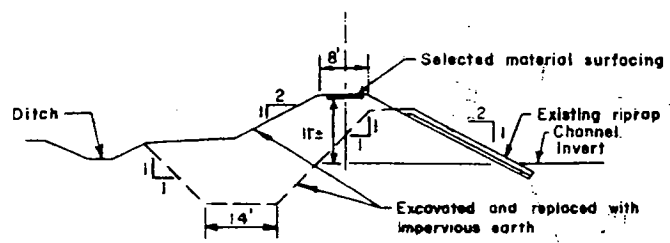
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

C35:7

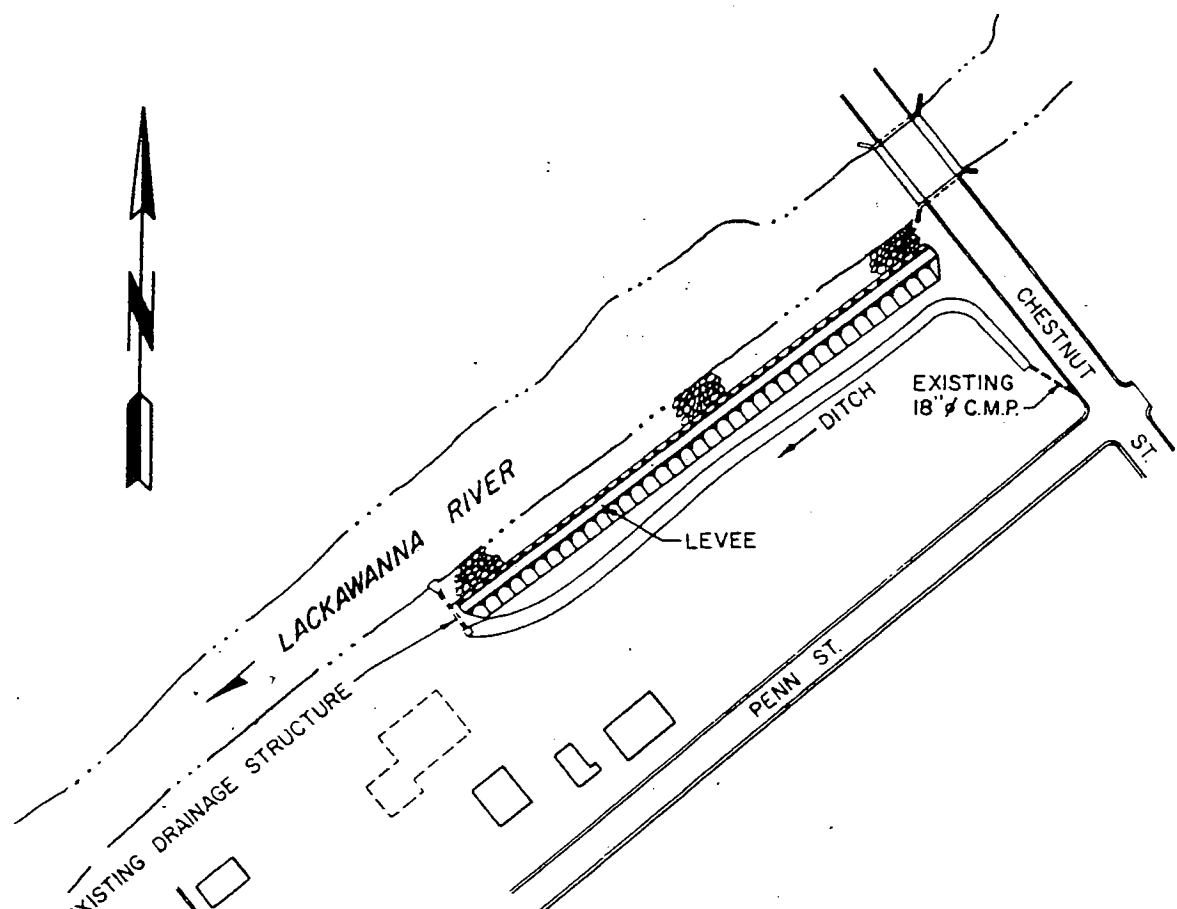
**MAYFIELD
FLOOD PROTECTION**

MAYFIELD*
LACKAWANNA CO.

GENERAL
LOCATION MAP



LEVEE CROSS SECTION



PLAN



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

C35:7
MAYFIELD
FLOOD PROTECTION
LEVEE ADDITIONS

MAYFIELD FLOOD PROTECTION PROJECT, C35:7

LOCATION: Lackawanna River, Powderly Creek and Hosey Creek, Borough of Mayfield, Lackawanna County

QUADRANGLE: Carbondale, **Latitude:** 41°32'30", **Longitude:** 75°32'30"

SPONSOR: Borough of Mayfield

PROJECT DESCRIPTION: The project involved the relocation of 250 feet of Powderly Creek channel and construction of approximately 700 feet of earth levee on the left bank, tying back to the Lackawanna Street embankment. Also included was the construction of about 700 feet of earth levee on the left bank of Hosey Creek, construction of a 7-foot high concrete wall on the left bank, and dredging approximately 500 feet of channel. On the Lackawanna River, 1,000 feet of existing earth levee was raised and improved, beginning 400 feet upstream of Chestnut Street; 1,200 feet of earth levee was constructed along the bank, extending to the upper limit of a new concrete channel; and 520 feet of new concrete channel with a 4-foot high weir was constructed, beginning 250 feet above Poplar Street. Channel walls are vertical, and the average height is 10.5 feet. Also included was the construction of a debris basin just upstream of the concrete channel; 850 feet of river bed paving with derrick stone and riprap, beginning downstream from the concrete channel; construction of a concrete retaining wall (320 feet long and 12.5 feet high); and construction of 2,000 feet of earth levee along the left bank and 700 feet along the right bank, tying into high ground downstream of the concrete channel.

DESIGNER: Department

CONTRACT NO.: C35:7-101

PERMIT NO.: 16032

BID OPENING: November 10, 1965

CONTRACT AWARD: December 2, 1965

LOW BIDDER: Rodney L. Nelson, Falls Creek, Pa.

PROJECT COMPLETED: August 27, 1968 **CONSTRUCTION COST:** \$530,319.80

DESIGN CRITERIA:

LACKAWANNA RIVER:	Drainage Area	96.6	SM
	Flood of Record (May 1942)	9,500	CFS
	Design Discharge	9,500	CFS
	FIS 100-Year Discharge	7,650	CFS

QUANTITIES:

159,293	C.Y.	Excavation
78,794	C.Y.	Rolled Embankment
18,005	S.Y.	12-Inch Riprap
3,019	S.Y.	18-Inch Riprap
9,621	C.Y.	Concrete
14	EA.	Flap Gates
5	EA.	Sluice Gates
9	AC.	Seeding

Project turned over to sponsor for operation and maintenance on August 14, 1969.

