

3449

343

Department of Commerce and Labor
COAST AND GEODETIC SURVEY

Asst. L. H. Garrison
Superintendent.

State: *N. J.*

DESCRIPTIVE REPORT.

Top. Sheet No. *344*

LOCALITY:

191

CHIEF OF PARTY:

Stephen H. Forney

11-4645

Department of Commerce

Descriptive Report

Topographic sheet B

Scale 1/5,000

Hackensack river from its mouth to Public triangulation sta

Passaic river from Plank Road bridge to Rielly triangulation sta

(a) General description,

The shores of the Hackensack River within the limits of this sheet, are comprised of marsh on both sides, with the exception of the ground upon which the Public Service power houses are built, this is filled ground.

The shores of the Passaic River within the limits of this sheet are mostly comprised of marsh meadow and filled in ground, ON the Eastern and western shores it is all filled in ground and marsh to the bend where the river turns abruptly to the westward, from there along the northern shore to the limit of this sheet it is marsh and filled in ground, from the bend along the southern shore it is marsh and filled in ground to the eastern end of Newark.

The Pennsylvania rail road system, and the electric road from Newark to the Hudson Terminal^a in New York, runs along the northern shore + crosses the Hackensack at the eastern end of the sheet.

The street lines along the water front and some of those running away from the river were determined with the plane table, all of the other streets shown on this sheet were transferred from tracings and blueprints obtained from the city engineers of Newark and Harrison. All rail roads were put on this sheet from tracings and blueprints obtained from the engineers of the respective roads.

The water in the Passaic river is black and thick with filth, all the sewerage from Newark - Harrison - Passaic - Paterson and the intervening towns together with the filth from hundreds of

of factories is dumped iⁿ to the Passaic river, It is siply^m an immense sewer, with the wind to the eastward and at low wa^xter the stench is fearful and reaches in to the city of Newark.

(b) Currents,

✓ The currents on this part of the Passaic river are tidal, and they set fair with the channel, The ebb and flood tides fellow each other at an interval of about twenty minutes the average ris^e and fall is 4.5 feet.

✓ Owing to the vast amount of acid- chemicals- and other reffuse matter that is thrown in^to the river from the mills, ver^xy little ice forms in this part of the river in the coldest weather.

(c) Change in the shore line,

The shore line on this sheet has undergone many changes, in the way of improvements along the water front many new buildings, such as factories^e -wharves and other have been built, old land marks have been removed, new bridges have been constucted^{n r} and old ones torn down.

The heights of street corners, shown in pencilweretaken from an atlas in the Public Library of Newark. This atlas was constructed from data obtained in the office of the Newark city engineer, and shows the elevations of the street corners to the top of the curb stons^e, above mean high water, these elevations were brought up from the C & S^v bench mark at Sandy Hook.

Stehman Horney,

Assistant C & G Survey.

RECORD OF INFORMATION

FURNISHED TO Coast and Geodetic Survey Office, Washington D C.

GENERAL LOCALITY Hackensack and Passaic Rivers, N J.

DATE Head Room of Draw Bridges.
Above mean high water.

Request received in Comp. Div., 191
 Request referred to on, 191
 Finder sheet prepared by on, 191
 Photostat or blue print requested, 191
 Photostat or blue print received, 191
 Data mailed, 191

POSITION FILES		NAME OF STATION	ESTABLISHED		DESC. VOL. No.	LATER NOTES	D. M., N. D., ETC.
STATE	SHEET		YEAR	BY—			
B	B	Hackensack River N J.					
		Plank Road Bridg				10 feet	
		Pennsylvania electric road bridg				10	
		Pennsylvania freight bridg				6 "	
		Newark Avenue bridg.				8 "	
		D L & W. R R? Bridg				12 "	
	C	Passaic River, N J.					
		Plank road bridg.				10 "	
		Pennsylvania freight bridg.				16 "	
		Jackson avenue bridg.				13 "	
		Pennsylvania passenger				21 "	
		Pennsylvania electric rail road,				9 "	
		Bridg street bridg.				7 "	
		D L & W Rail Road Bridg.				15 "	
		Clay street bridg.				6 "	
		Erie rail road bridg.				9 "	
		Greenwood Lake, or Erie rail road bridg.				33 "	
		S. ehman Forney.					
		Assistant C & G Survey					