Department of Commerce and Labor
COAST AND GEODETIC SURVEY

O. H. Jellmann
Superintendent.

State: New Hampshire

DESCRIPTIVE REPORT.
Topographic Sheet No. 2905

Locality: Exeter/river

1908

Chief of Party:
S. B. Mainwaring
Descriptive Report of
EXETER RIVER & VICINITY
July - August 1908

Scale 1:10000
Contour interval 20 feet
Projection and sheet used by E. Collins

Surveyed by D.B. Maimwright, Asst Chief of Party
E.B. Collins, Capt
Owing to the fact that no triangulation points were available within the area included in this sheet, or were likely to be available in the near future, the controlling points for this work were determined by measuring a base line 1985 meters in length, along the railroad tangent, situated at the north end of the street, and from this base developing a scheme of geodetic triangulation, southward along the valley of the Essex River, to the town of Essex.

Vertically controlled, of the principal sheets as determined were simulated Assistant Treadwell who took up the triangulation of this region.

The locations of nearly all the important buildings, shown on the sheet were determined by intersecting. Their sizes and dimensions as well as the arrangement of dependent outbuildings were generalized.

The street lines were started in the location of the high water line, main highways and other railroads. In the country, all important fence lines, especially such as appeared to be boundary lines, were carefully located, all other fences with either right-of-way or signed.

The line of demarcation between marsh and forest land was well determined, when well defined.

Such details as wood line, orchards, small streams, and farm roads were sketched.

In the wooded country the contours were carefully located from numerous vertical angles to control points.

The street plan of Essex is from a photographic reduction of a large scale model controlled by several determined points within the area.

The commercial development of the Essex River is due to the means of defense for transporting...
by water, oil, coal for manufacturing, and domestic purposes.

The river has a narrow channel, which has been twice dredged and improved by the engineers. It is.

The area outside the settlements is famed to a certain extent, the principal crops being grain.

Apple orchards are very numerous. The number of farms is small, and the landowning
resses to its to dwellers, thus decrease their numbers,

by using the river for road, building, or other

In cultivation, theinking of the soil

the geographical locations of a number of points

were available for protecting the interests of

parallels.