

4673

FORM 504
Ed. June, 1928

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

R.S. Patton, Director

State: North Carolina

DESCRIPTIVE REPORT

Topographic

Hydrographic

Sheet No.

Field # 1A

4673

LOCALITY

Chowan River

Chowan River Bridge and Approaches

1932

CHIEF OF PARTY

C. A. Egnor

JUL 5 1932

Acc. No. _____

DESCRIPTIVE REPORT TO ACCOMPANY

TOPOGRAPHIC SHEET "1 A".

CHOWAN RIVER BRIDGE, N. C.

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M. V. NATOMA

C. A. EGNER, COM'DG.

1932

JUL 5 1932

Acc. No. _____

NORTH CAROLINA
STATE HIGHWAY COMMISSION
RALEIGH, N. C.

COMMISSION

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CHARLES A. CANNON
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JAMES L. MCNAIR
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L. H. KITCHIN

June 28, 1932.

Project 109-B
Bertie-Chowan Counties

Subject: Clearances.

Lieutenant C. A. Egner,
C. & G. Survey,
Commanding M. V. Natoma,
M. V. NATOMA, Tarrytown, New York.

Dear Sir:

In reply to your letter of the 24th instant to the State Highway Commission, I wish to advise that the clearances of the draw span of the Chowan River Bridge on State Route 342 are as follows:

Clearance to High Water	4.7 Ft.
" " Ordinary Boating Water	8.7 "
" " Low Water	11.2 "

This draw span provides two openings, each having a horizontal clearance between fenders of 82'-4".

Yours very truly,

W. L. Crum
BRIDGE ENGINEER

MMT:B

DESCRIPTIVE REPORT TO ACCOMPANY

TOPOGRAPHIC SHEET "1 A".

INSTRUCTIONS:

This sheet comprises a survey of Chowan River Bridge and adjoining shore line of Chowan River. While not called for in the Instructions of Project No. 94, it was thought advisable to include it since the bridge is not now shown on the chart for that area.

The control for this survey is third order triangulation and was established from the line EDEN 2 R.M. No. 1 - LAWRENCE. The importance of the survey did not warrant the construction of a tower at EDEN 2 which is surrounded by high trees so the position of R.M. No. 1 was computed and used.

DESCRIPTION:

The bridge is a wooden structure resting on concrete piles with a swinging steel draw. Clearance at the draw and the span of the draw will be found in the attached letter.

Respectfully submitted,

J. T. Jarman
J. T. Jarman
Aid, C. & G. Survey

Approved and forwarded;

C. A. Egner
C. A. Egner
Chief of Party
Commanding M. V. NATOMA.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

JUL 5 1932

Acc. No. _____

REG. NO.

The Topographic Sheet should be accompanied by this form,
filled in as completely as possible, when the sheet is for-
warded to the Office.

4673

Field No. 1 A

REGISTER NO. **4673**

State North Carolina

General locality Chowan River

Locality Chowan River Bridge and Approaches

Scale 1:10,000 Date of survey May, 1932

Vessel M. V. NATOMA

Chief of Party C. A. Egner

Surveyed by J. T. Jarman

Inked by J. T. Jarman

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated Jan. 21, 1932

Remarks: _____