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Department of Commerce and Labor
COAST AND GEODETIC SURVEY

O. N. Littman
Superintendent.

State: _____

DESCRIPTIVE REPORT.

Spec Sheet No. *2944*

LOCALITY:

*Albemarle Sound,
Norfolk and Southern
Railway Bridge*

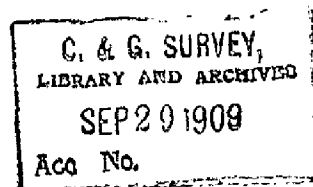
1909

CHIEF OF PARTY:

J. B. Boutelle

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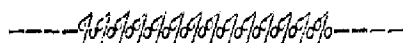
Descriptive Report

to accompany

Topographic Sheet No.....

Albemarle Sound Bridge, N. & S. R. Co.

Sept. 1909



The bridge is now being constructed by the engineers of the Norfolk and Southern Railway Co., who inform me that they expect to have it completed by the end of this year.

The bridge is a trestle of piling 5-1/4 miles long, and 14 feet wide on top. Single track.

The girder spans Nos. 1 to 5 are openings for small boats to pass through. Nos. 1 and 2 are 35 feet in the clear, Nos. 3, 4 and 5 are 50 feet. These spans have a fixed iron girder across the top.

The left draw has an opening of 140 feet in the clear. The swing draw has two openings of 35 feet in the clear, one on each side of the center pier, which is 25 feet wide. The following distances were furnished by Mr. Ellison, the Engineer in charge at the north end of the bridge. The distances are

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from center to center.

	Feet.	Meters.
Shore line N. end to Girder Span No. 1	2896.2	882.73
Girder Span No. 1, " " " " 2	3118.3	950.46
" " " 2 " Lift Draw.	3046.5	928.58
Lift Draw to Girder Span No. 3.	3886.3	1184.55
Girder Span No. 3 to Girder Span No. 4	3886.3	1184.55
" " " 4 " Swing Draw.	3886.3	1184.55
Swing Draw to Girder Span No. 5.	3000.0	914.40
Girder Span No. 5 to Shore line south.	3000.0	914.40

Respectfully submitted by

J. B. Drouelle

*Ass't C. & G. Survey,
Com'd'g U.S.S. "Endeavor".*