

PROFESSIONAL RECORD

of

William Junkin Cox, B.A., B.S. in C.E.  
Assoc. M. Am. Soc. C.E.

Submitted to

The Faculty of the School of Applied Science,

Washington and Lee University,

in Candidacy for the Degree

of Civil Engineer

1928



William Junkin Cox

(Born, September 16, 1896, Portland, Oregon. Educated in Lexington, Virginia, Grammar and High Schools, Washington and Lee University, Lexington, Virginia, and l'Universite' de Montpellier, Montpellier, France.)

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Professional Record

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- Summer, 1915 - Field Assistant, Virginia Geological Survey, engaged in mapping mineral areas (See Bulletin No. XVII, Va. Geol. Survey - "Manganese Deposits of the West Foot of the Blue Ridge, Virginia.")
- Summer, 1916 - Employed under supervision of D. C. Humphreys, Professor of Civil Engineering, Washington and Lee University, to make land survey and topographic map of Davidson Park, Lexington, Virginia.
- September 1917-  
May, 1918 - Instructor in Civil Engineering, Washington and Lee University, Lexington, Virginia.
- May-June, 1918 - Private, 1st. Class, 4th Engineer Officers Training Camp, Camp Lee, Virginia.
- June, 1918-  
August, 1919 - Second Lieutenant, 605th Engineers, U.S.A. (A.E.F.)
- September-  
December, 1919 - Rodman and Instrument man for H. E. Fox, Civil and Mining Engineer, Big Stone Gap, Virginia, engaged in mine, land, and power line surveys, town subdivision, etc.
- January-  
June, 1920 - Instructor in Engineering Mechanics, Sheffield Scientific School, Yale University, New Haven, Conn.

June, 1920-  
April, 1922

- Draftsman, field office of Chas. T. Main, Engineer, on construction of refinery for American Sugar Refining Company, at Locust Point, Baltimore, Md. Tracing, estimating quantities, etc. Subsequently doing minor structural design, and designing yard roads and pavements, railway track layout, sanitary and storm sewer layout, high pressure fire lines, etc.

April-

September, 1922

- Draftsman and estimator, Spencer Construction Company, Baltimore, Md. Estimating quantities, detailing steel and concrete, etc. for flour mills, grain elevators, gravel bins and coal pockets.

September, 1922-

January, 1923

- Assistant Engineer and Chief of Field Parties, J.A.P. Crisfield Contracting Company (U.G.I. Company, Philadelphia, Pa) engaged in making surveys for hydroelectric project on Housatonic River, Conn. Involved topographic surveys of possible dam sites, triangulation, relocation of three miles of railroad and five miles of highway, etc.

January, 1923-

October, 1924

- Traffic Engineer, National Bureau of Casualty and Surety Underwriters, New York City, engaged in making studies of engineering features of streets, highways, etc., for means to prevent automobile accidents. During six months of this time on leave of absence on account of poor health. During six months serving as joint member of the consulting staff, First National Conference on Street and Highway Safety, Department of Commerce, Washington, D.C.

October, 1924-

January, 1927

- Unemployed on account of poor health. During six months of this time engaged in research relative to automobile hazards. (See thesis)

January-

June, 1927

- Instructor, Department of Engineering Mechanics, Sheffield Scientific School, Yale University, New Haven, Conn.

July 1927, to  
date

- Assistant Professor, Department of Engineering Mechanics, Sheffield Scientific School, Yale University, New Haven, Conn.

New Haven, Conn.,  
May 15, 1928.