

(Application by D.C.N. Collins to join the ASCE, submitted about 1901.)

REPORT TO AMERICAN SOCIETY OF CIVIL ENGINEERS.

D. C. Newman Collins (b 1865) Connected with William M. Hoopes & Son, Contractors at Haddonfield, N.J. May 1882 to June 1888 general contracting principally frame structures.

PHOENIX IRON CO., April 1889 to March 1892. My work here was not of a very responsible nature until about one year before I resigned, when I took charge of the structural steel work in the Mather Building at Cleveland Ohio, and the 14 story Betz Building in Philadelphia. The numerous pieces of work done while here, would probably not be of service to you, but I will mention the World Building, N.Y., Union Trust Building, Philadelphia; Penn Mutual Building, Philadelphia; Amphitheatre, Madison Square Garden, N.Y., on which I assisted in preparing for the shops.

A. & P. Roberts Co., Pencoyd, Pa., March 1892 to Sept. 1893. While engaged at Pencoyd I took charge of the structural steel work on the Charleston Post Office, Charleston, S.C., Baugh Building, Philadelphia, Odd Fellows Hall, Philadelphia, beside assisting on Reading Terminal, Philadelphia, numerous bridges, pier sheds and buildings.

Milliken Brothers, Engineers & Contractors, Sept. 1893 to present date. My first responsible duty here was on the roof of the Lawyers Title Building, N.Y.; the New York Clearing House, 800 tons of steel; Siegel, Cooper Building, 8000 tons; Morgenthau Building, 900 tons; Polhemus Memorial Clinic, 850 tons, Brooklyn; Heide Building, 1100 tons, Van Dam St., N.Y.; Dun Building, 2600 tons. On all of this work I had absolute charge of the office and of the structural steel work, including detailing, verifying sections, general supervision of erection, and general designing.

The work that I can claim as being designed, detailed, erected and superintended by myself are as follows: The whole plant now occupied by Milliken Bros., except the original wood building 100 x 100 now used for light work. The piling, capping concrete work, craneways, foundations, and the architectural features were designed and completed under my directions on all of this work.

During the year 1899-1900, I designed, detailed and build a large foundry extension for the Warren Foundry & Machine Co. at Phillipsburg, N.J., costing about \$150,000. My duties here embraced the testing of soil for foundations, surveying, designing the whole plant, including steel, brick, foundations, finishing work and architectural treatment, taking sub-bids, writing specifications. The concrete foundations were very extensive. The new work on this plant embraced the foundry building, power house, each of brick and steel construction, with concrete foundation, and the tar dipping house of steel and corrugated iron.

In the above I have named only the work that I have carried through to the finish. There are numerous other contracts that I have taken through the preliminary stages and gotten in shape for the draughting room.

My work during the last six months has been in the nature of outside consulting engineer. My connections with the Contracting Department, and my duties in the line of approximate or finished designs and estimates on steel structures of all classes. I would be glad to refer you to the following members of your Association.

Armory Coffin
C. C. Schneider
Paul Ludwig Wolfec
Samuel C. Weiskopf
Gunwold Aus
Nathaniel Roberts
Harold C. Stowe
J. B. Wright
R. M. Greene

(D. C. N. Collins was admitted to full membership in the ASCE in 1901.)

List of items reported by D.C.N. Collins to have been completed entirely under his charge.

Work at Phoenixville, Pa., April 1889 to March 1892

Mather Building, Cleveland, O.
Betz Building, Philadelphia, Pa.

Work at Pencoyd, Pa., March 1892 to Sept. 1893

Charleston Post Office, Roof, Charleston, S.C.
100 ton car for Krupp Gun.
Baugh Building, 16th and Locust Sts, Phila.
Odd Fellows Hall, Broad & Cherry, Phila.

Work with Milliken Brothers, N.Y., Sept. 1893 to Aug. 1901

Entirely under my charge:

Lawyers Title Building, roof, maiden lane, N.Y.
Hoe Building Stairs, N.Y.
New York Clearing House, 800 tons, N.Y.
Brooklyn Driving Club, gallery and stairs.
Hotel Renaissance, annex.
Purification Tanks, 26th Ward, Brooklyn, N.Y.
Eastmans Beef Co. trolley & barge tracks, North River, N.Y.
Siegle-Cooper Building, 6th Ave & 18th St., n.Y. 8000 tons steel.
Morgenthau Building, 19 St & 6th Ave., N.Y. 900 tons steel.
Polhemus Memorial Clinic, Henry & Amity Sts, Brooklyn, N.Y.
Heide Building, Vandam St., N.Y. 1100 tons steel.
Dunn Building, Broadway & Reade Sts, N.Y. 2600 tons steel.

Hoffman Hall, Theological Seminary, 21 St & 10 Ave, N.Y.
Mill Building No. 1, Honolulu.

In charge of design and construction of masonry, concrete, piling, roofing and steel work:

Milliken Bros., Craneway, etc.
Milliken Bros., Store House, etc.
Milliken Bros., Riveting Shop.
Milliken Bros., Blacksmith Shop, not built.
Milliken Bros., Bridge Shop, as built.
Milliken Bros., Craneways.
Warren Foundry & Machine Co., Foundry Building.
" " , Power House.
" " , Dipping House.

Treated architecturally by me:

Anglo Swiss Condensed Milk Co., 116 St & 3rd Ave, N.Y.

In Private Practice of Architecture and Engineering, August 1901 to date.

1901 Layout plant for Pneumatic Signal Co., Rochester, N.Y.
1901 Warren Foundry & Machine Co., Machine Shop, Phillipsburg, N.J.
1902 Erecting Shop, De La Vergne machine Co., N.Y.
1903 Lehigh Valley R.R. Locomotive Repair Shops at Sayre, Pa.
Locomotive Shop, Store house, Blacksmith Shop, Power House.
1903 Designs for Cableway & pontoons, Booth Steamship Co., Manaus, Brazil.
1904 Lidgerwood Mfg Co., Newark, N.J.
Foundry, Pattern Storage Building, Power House.
1906 Union Ballast Co., Shop, Long Island City.
1906 Examinations and report on safety of store and office 23/27a Flatbush, Brooklyn.
1907 Lidgerwood Mfg Co., Power House extension, Brooklyn, N.Y.
1907 Lidgerwood Mfg Co., Pattern Storage Bldg extension, Brooklyn.
1907 Standard Underground Cableway Co., Mill Building, Perth Amboy, N.J.
1907 Skidder Mast Logging machine for Lidgerwood Mfg Co.
1907 Investigation & Estimate, Craneway versus Cableway for
American Car & Foundry Co.
1907 Investigation & Estimate, Scraper Bucket Derrick.
1907 Investigation & Estimate, Pendulum Coal Tower.
1907 Investigation & Estimate, Traveling Cableway for London.
1908 Reality Associates, Inspection Montauk Theatre, Brooklyn, N.Y.
1908 Panama Steel Towers, Gatun Locks, Largest in the world.
1908 Design Pontoon & Towers, Frazee & Chalmers, India.
1908 Metchun Plant for Gioachino Veneziani, Triest, Austria.
1908 Stock House (reinforced), Alsen American Portland Cement Co., Alsen, N.Y.

[Transcribed by Gary S. Collins in 2002 from notes typewritten by D. C. N. Collins.]