

PUBLIC WORKS and their Engineers, &c., Canada—Canals, 1779-1891—Continued.

Works.	Engineers, etc.	Services.	Dates.
<i>Welland Canal—Con.</i>			
Length of canal, 26 $\frac{3}{4}$ miles.			
No. of locks, 27.	Keefer, Samuel.....	Chief Engineer, Public Works	1841-52.
Length of locks, 270 ft.	do	Report on proposed enlargement	14th Feb., 1873.
Breadth do 45 ft.			
Water on sills, 14 ft.	Keefer, Thos. C.....	Assistant Engineer.....	1842-45.
Rise or lockage, 326 $\frac{3}{4}$ ft.			
<i>Branches Welland Canal.</i>			
	Page, John, sr.....	Asstt. Engineer and Draughtsman	1842.
River Branches—Length $\frac{3}{4}$ mile; two locks 150 x 26 x 9 $\frac{3}{4}$ feet.	do	Consulting Engineer.....	1846.
Grand River Feeder—Length 21 miles, 45 locks, one 200 x 45 x 9 and the other 150 x 26 $\frac{1}{2}$ x 9 feet.	do	Chief Engineer.....	1854-90.
Port Maitland Branch—Length 1 $\frac{3}{4}$ miles, one lock 185 x 45 x 11 feet.	do	Survey proposed enlargement begun.....	1870.
	Buchanan, W. O.....	Reports on enlargement of Canals, Lake Erie to Montreal.. ..	1872-77.
	Slater, J. D.....	Assistant Engineer	1843.
		Engineering Staff.....	1842-46.
Expenditure by Imperial Government, \$222,220.00; expenditure by Provincial Government prior to 1st July, 1867, \$7,416,019.82; expenditure from 1st July, 1867, to 30th June, 1889, \$16,149,710.47. Total expenditure to 30th June, 1889, \$23,787,950.30.	Barrett, Alfred.....	Asst. Chief Engineer, locating works...	1826, 42-43.
	Power, Samuel.....	Principal Engineer.....	1842-45.
	do	Specifications for construction of locks...	Oct., 1843.
	Pritchard, M. B.....	Assistant Engineer, Welland Canal.....	1843-44.
	Keefer, Samuel H.....	Superintending Engineer construction...	24th June, 1846.
	Shanly, Walter.....	Consulting Engineer...	1846.
		Report plan and estimate.....	Oct., 1854.
	Stoker, Geo.....	Assistant Engineer.....	1864.
	Monro, Thomas.....	Survey and locating enlargement.....	1870-71.
Directors Welland Canal Company, appointed 15th May, 1824:— Hon. Sir John Henry Dunn, Wm. H. Merritt, Geo. Keefer, John Decou, Samuel Clowes.	Fellowes, Chas. L.....	Engineering staff, enlargement.....	1870-76.
	Brunel, A.....	Superintendent.	1871 to 1874.
	Thompson, Wm. G. McN.	Resident Engineer, South Division, enlargement.....	1872-88.
	Secord, Wm. F.....	Engineering staff, South Division, enlargement.....	Oct., 1872.
Commissioners to superintend expenditure of money, Welland Canal, appointed 13th February, 1833:— Wm. B. Robinson, Absalon Shade, John McAulay.	Leslie, William Lewis..	do do	Oct., 1872.
	Odlum, John Ed.....	Asst. Engineer, South Division, enlargement.....	1872-1888.
	Monro, Thomas.....	Engineer in charge of works	July, 1872 to 31st Jan'y, 1873.
The first vessels that passed through the Welland Canal, from Lake Ontario to the Welland River, were the "Annie and Jare" and "R. H. Boughton," 30th November, 1829.	Gzowski, Col. C. S.....	Report on proposed enlargement	14th Feb., 73
	McAlpine, Hon. W. T., of U. S. A.	do do	14th Feb., 73
	Monro, Thomas.....	Resident Engineer, North Division, enlargement.....	1873-1888.