

ENGINEERS Employed on Public Works, Canada—Continued.

Engineers.	Works.	Dates of Employment, &c.
Buchanan, W. O.....	Assistant Engineer Welland Canal	1843.
Buck, Walter M.....	Provincial Engineer, Province of New Brunswick..... Engineer, Miramichi Section, I. C. R	Prior to 1881. do 1876.
Burnett, Thomas.....	British Engineer, made survey and plans of Lachine Canal. Superintending Engineer, Lachine Canal Works..... Canal commenced, 17th July, 1821. do opened in August, 1824. Depth, $4\frac{1}{2}$ feet water on lock sills. Stone locks, 100 by 20 feet	Spring of 1820. 1821-26.
Burwell	Survey of Goderich Harbour.....	1827.
By, Lieut.-Col., R.E....	Report on Cascades, Mill Rapids and Split Rock Canals... Superintending Engineer of Rideau Canal, Bytown (Ottawa) to Kingston..... Rideau Canal, commenced. Report on Canadian canals and defences of Canada..... do on the Rideau Canal..... First steamboat "The Pumper" passed through the Rideau Canal	24th April, 1805. Sept., 1826. 21st Sept., 1826. 1826. 6th July, 1827. 29th May, 1832. Aug., 1832.
	Rideau Canal completed..... 126 $\frac{1}{2}$ miles long, with 47 locks of 134 by 33 feet, and 5 feet water on sills of locks. Total ascent from Ottawa to Upper Rideau Lake, 292 feet 3 inches. Total descent from Upper Rideau Lake to King- ston, 165 feet 4 inches. Ottawa River, below Lake Ontario, per Royal Engineers, 128 feet 11 inches. Ottawa River, above the sea, 110 feet. Total cost of Rideau Canal to the British Govern- ment, according to Ordnance documents, in- cluding cost of land and pay of establishment, \$3,911,701.47.	
	The Rideau Canal was under the superintendence of the following Royal Engineers, until it was transferred by the Imperial to the Canadian Government, viz. —	
	Major Bolton, Lieut.-Col. Thompson, Capt. Charles E. Ford, Lieut.-Col. Chater and Mr. Harvey.	1832 to 1857.
	The management of the Ottawa and Rideau Canals was transferred to the Department of Public Works by an Order in Council.....	3rd March, 1857.
	J. S. Killaly, first Superintending Engineer, appointed by Canadian Government.....	1857 to 1858.
	J. D. Slater, second Superintending Engineer, appointed by Canadian Government.....	Oct., 1858 to Oct., 1872
	F. A. Wise, third Superintending Engineer, appointed by Canadian Government.....	Oct. 1872-1891.
Carroll, Cyrus.....	Engineer on Staff, Public Works, harbours, Ontario.....	1884-1886.
Cartwright, John S., R.E.	Commissioner with Hon. John Macaulay, Surveyor General of Upper Canada, and Capt. Baddeley, R.E., for ascertaining practicability of a navigable route between the Ottawa and Lake Huron	1837.
	See Baddeley, Hawkins, Macaulay, Taylor, Thomp- son, according to an Act of the Parliament of Upper Canada, of 4th March, 1837. See App. 30, pp. 837 to 847, by G. F. B., Public Works Report, 1867-82.	
Casey, W. R.....	Sub-Engineer on the Germantown and Philadelphia Rail- way and on the New York Crofton Water Works..... Assistant Engineer on the Long Island Railway, N.Y..... do Chamby Canal	Prior to 1834 do 1834.