

ENGINEERS Emplo, ed on Public Works, Canada—Continued.

Engineers.	Works.	Dates of Employment, &c.
Kinipple & Morris	<p>Engineers—Docks at entrance of River St. Charles, Quebec Works authorized by Act 36 Vic., chap. 32, sec. 17</p> <p>Princess Louise embankment and quay wall on north side of 1st projected series of docks, 3,960 feet long and 330 wide.</p> <p>Outer or tidal basin, 20 acres in area, and 29 feet deep at low water of ordinary spring tides.</p> <p>Inner basin, 36 acres in area, and 25 feet deep at high water lowest neap tides.</p> <p>Sprung tides rise 18 and neaps 13 feet.</p> <p>Work commenced under Harbour Commissioners, Quebec</p> <p>Quay wall and outer basin, nearly completed.</p> <p>Cross-wall between inner and outer basins, commenced in 1883, under H. F. Perley, Chief Engineer, Public Works, and completed with gates, etc., and south wall, along St. Andrew's Street. For Contractor's, etc., see page 88.</p> <p>Expenditure on construction, \$3,874,400, to</p>	<p>1875-82. 1873.</p> <p>23th May, 1877. Dec., 1882.</p> <p>1889.</p> <p>30th June, 1890.</p>
	<p>Engineers—Lévis Graving Dock, opposite Quebec.</p> <p>Length, 495 feet, with a circular head of 31 feet radius, and a square offset of 19 feet on each side.</p> <p>Width at coping level 100, and at bottom 73 feet.</p> <p>Entrance width, 62 feet.</p> <p>Depth of water on sill at high water of ordinary spring tides, 25½ feet, and at low water, 7½ feet</p> <p>Depth of water on sill at high water of ordinary neap tides, 23 feet, and at low water, 10 feet..</p> <p>Work authorized by Act 38 Vic., chap. 56.</p> <p>Site chosen by an Order in Council.</p> <p>Work commenced under Harbour Commissioners, Quebec</p> <p>Work continued and completed under H. F. Perley, Chief Engineer, Public Works.</p> <p>For Contractor's, etc., see page 87.</p> <p>Expenditure on construction, \$912,194.90 up to</p>	<p>1875-82.</p> <p>1875.</p> <p>May, 1877.</p> <p>1878.</p> <p>Sept., 1883-89.</p> <p>30th June, 1890.</p>
	<p>Engineers—Esquimalt Graving Dock, about 3 miles below Victoria, Vancouver Island, B.C. Plans and specifications prepared and on exhibition at Victoria, &c., by Provincial Government of British Columbia</p> <p>Plans of the caisson furnished by them.</p> <p>Act of Provincial Government, B.C., authorizing construction of graving dock, 43 Vic., chap. 8.</p> <p>Agreement between Dominion Government and Government of British Columbia, under sanction of Imperial Government, respecting construction of graving dock, signed subsequently to Contract awarded to McNamee & Nish by Government of British Columbia</p> <p>This contract was cancelled by Government of British Columbia.</p> <p>Work continued by day's labour.</p> <p>Hon. J. W. Trutch appointed Engineer in charge and W. Bennett, as Resident Engineer.</p> <p>Work under Dominion Government authorized by Act 47 Vic., chap. 6.</p> <p>The graving dock and its grounds to be transferred to Dominion Government in virtue of this Act</p> <p>Work continued and completed under H. F. Perley, Chief Engineer, Public Works.</p> <p>Contract for completion of graving dock signed by Larkin, Murphy & Connolly, \$581,841.43.</p>	<p>18th Nov., 1879.</p> <p>1st Dec., 1882.</p> <p>1880.</p> <p>12th July, 1880.</p> <p>1880.</p> <p>1882.</p> <p>1882-83.</p> <p>24th Nov., 1883.</p> <p>1884.</p> <p>1884-87.</p> <p>8th Nov., 1884</p>