

# Ohio's Canal Engineers

By David A. Meyer

## INTRODUCTION

This document has been assembled to provide a listing of the engineers that were employed by the State of Ohio to build its canal system from 1822 until its completion and then maintain them. The engineering staff ( not including surveyors, rod men, and others who did not do direct engineering work, were some of the most powerful in the State's canal system. All of the names and other information were taken from Ohio public documents. Some names appear to have been misspelled in the original documents but I recorded them as written. There is a gap in the information in the early 1830s because the Ohio Canal Commission did not publish the names of the engineers in their employ at that time. There were some other years that are incomplete also.

## JOB DESCRIPTION

The Engineers are public officers, act under official oaths, and give bonds with ample security for the faithful performance of their duties. When the work done is on special contract, as building a lock, dam, aqueduct, &c, an engineer, at intervals during the performance of the work , certifies an estimate of the work done at the time, and on this certificate the Commissioner draws his check in favor of the contractor, and on these two papers the Treasurer is authorized to pay the estimate. When the job is completed, the Resident Engineer makes his *final estimate* setting forth the amount of work done by items, and on this final estimate the Commissioner draws his check on the Treasurer, in favor of the contractor, which closes the account and the final estimate of the Engineer is filed in the office of the Board and preserved as one of its records.

The members of the Board are prohibited by law from drawing any money from the Treasury except for their own salaries. When money is due on special contract, or for superintendence and repairs, the Resident Engineer of the Division of the Canal in which the work has been performed makes his certificate of the fact, stating the amount due, and for what, on which the Commissioner bases his check on the Treasury. The certificates of the Engineer accompanies the check, and without it the Treasury has no authority to pay the money.

Law of March 23, 1840 –“Sec. 5 – *Board to consist of four members.* The Board of Public Works, shall hereafter consist of four members, one of whom shall be president, and the other three acting commissioners, who shall be subject to all the regulations and provisions contained in the “Act to abolish the Board of Canal Commissioners, and to revive the Board of \*Public Works,” passed March 5, 1839; and the said board is hereby directed to arrange the engineers, now in the service of the State, in such way as will best promote the public interest, by dispensing with, at least one-third of the number of each grade, now employed.”

## LISTING OF OHIO'S CANAL ENGINEERS

NOTE: (RE) = Resident Engineer

- 1822- James Geddes (Principal Engineer) Term expired in 1822  
Isaac Jerome (Asst. Engineer) Resigned Spring 1822  
Samuel Forrer (Asst. Engineer) Replaced Jerome
- 1823- Samuel Forrer  
David S. Bates  
Seymour Skiff (Asst. Engineer) Died Fall of 1823  
Col. Alexander Bourne (sick in 1823)
- 1824- David S. Bates, Principal Engineer  
Byron Kilbourn (Asst. Engineer)  
Samuel Forrer, Asst. Engr)  
John Forrer, (Asst Engr)  
Thomas J. Matthews (Asst. Engineer) Resigned Fall of 1824
- 1825- David S. Bates (principal Engineer)\$865.75  
Wm. H. Price, (RE) \$645  
Samuel Forrer (RE)\$750  
John Forrer \$458  
Richard Howe \$300  
Francis Cleveland \$233.66  
Byron Kilbourn 439.50  
Nathan S. Roberts  
Principal Engineer \$2000/yr = expenses  
Resident Engineer - \$1000/yr + expenses up to \$3/day while superintending  
Sr.. Asst.-\$45/mo + expenses  
Jr. Asst. And surveyors- \$35/mo+ expenses
- 1826- David S. Bates (principal engineer)  
John Bates (Resident Engineer) Quit Spring 1826  
Col. Alexander Bourne (Exploring engineer)  
William R. Hopkins
- 1827- David S. Bates (Principal engineer)  
Alexander Bourne (Exploring Engineer) resigned Spring 1827  
John Forrer (Asst. Engineer) Died Spring of 1827  
Peter Lutz (Asst. Engineer) Died summer of 1827  
Dyer Miner(Asst. Engineer) Died fall of 1827  
James M. Buckland (Asst. Engineer) Resigned Fall of 1827  
Philo N. White (Asst. Engineer) Resigned spring of 1827
- 1828- David S. Bates (principal engineer)  
William R. Hopkins (Resident Engineer) Resigned Spring 1828

Joseph Ridgway, Jr. (Resident Engineer) Resigned Spring 1828  
 William H. Price (Resident Engineer)  
 Francis Cleaveland (Asst. Engineer)  
 Robert Anderson (Asst. Engineer) Died summer of 1828  
 Charles E. Lynch (Asst. Engineer) Resigned summer of 1828  
 Jesse L. Williams, Asst. Engineer

1829- David S. Bates (Principal Engineer) Discharged in March 1829  
 John Brown (Asst. Engineer) Died summer of 1829  
 William Lattimore (Asst. Engineer) Died fall of 1829  
 Isaac N. Hurd (Asst. Engineer) Resigned summer of 1829  
 James H. Mitchell (Asst. Engineer) Resigned January 1829  
 John S. Beasley (Asst. Engineer) Resigned December 1829  
 Byron Kilbourn, (RE)  
 Sebried Dodge (RE)  
 Nathan S. Roberts, Civil Engineer  
 Jesse L. Williams, Assistant Engineer

1830- Richard Howe (Resident Engineer) Superintending Engineer from Lake Erie to Massillon \$720/yr  
 11 months, 24 days  
 Leander Ransom (Resident Engineer) Superintending Engineer from Massillon to Calderburgh  
 \$720/yr 10 mo, 27 days  
 Gardner Field (Sr. Asst. Engineer) \$540/yr 9 mo.  
 Arnold Medbury (Jr. Asst. Engr) \$360/yr 6 mo.  
 Andrew Young (Sr. Asst. Engineer) \$540/yr 9 mo.  
 John B. Warren (Jr. Asst. Engineer) \$360/yr 12 mo  
 Lewis Roberts (Jr. Asst. Engineer) \$360/yr 12 mo  
 George Robinson (Jr. Asst. Engr) 9 mo.  
 Byron Kilbourn (Resident Engineer) Superintending Engineer Calderburgh to Deep Cut, \$720/yr  
 12 mo.  
 Sebried Dodge (Resident Engineer) Constructing Engineer Deep Cut to Columbus Feeder  
 \$720/yr 12 mo.  
 Wm. H. Knapp (Jr. Asst Engineer) \$360/yr 3 mo.  
 J. S. Beasley (Jr. Asst. Engr) \$360/yr 22 days  
 Darius Lapham (Jr. Asst. Engineer) \$360/yr. 12 mo.  
 Nathaniel Medbury (Resident Engineer) Constructing Engineer Columbus Feeder and Ohio canal  
 to Circleville \$720/yr 12 mo  
 John M. Carthy (Jr. Asst. Engineer) \$360/yr 12 mo.  
 Jesse L. Williams (Resident Engineer) Constructing Engineer Circleville to Paint Creek \$720/yr  
 12 mo.  
 O. P. Jennison (Jr. Asst. Engineer) \$360/yr 12 mo.  
 Wm. R. Williamson (Jr. Asst. Engineer) \$360/yr. 12 mo.  
 Wm H. Price (Sr. Resident Engineer) Constructing Engineer Paint Creek to Pee Pee Bluffs  
 \$1200/yr 12 mo.

- Thos. B. Adams ( Sr. Asst. Engineer) \$540/yr 12 mo.  
 Charles Voorhies (Jr. Asst. Engineer) \$360/yr 12 mo.  
 Francis Cleveland (Resident Engineer) Constructing Engineer Pee Pee Bluffs to Ohio River  
 \$720/yr 12 mo.l  
 Stearns Fisher (Jr. Asst. Engineer) \$360/yr 12 mo.  
 Timothy. G. Bates (Sr. Asst. Engineer) \$540/yr 3 mo.  
 Increase Lapham (Jr. Asst. Engr) \$30/ mo 9 mo.  
 Samuel Forrer (Sr. Resident Engineer) Constructing Engineer of Miami Canal Cinti to Dayton  
 \$720/yr 12 mo
- 1831 Richard Howe (RE)\$60/mo 12 mo  
 Leander Ransom (RE) \$60/mo 12 mo.  
 Byron Kilbourn (RE) \$60/mo 12 mo  
 S. Dodge (RE) \$60/mo 12 mo.  
 Nathaniel Medbury (RE) \$60/mo 12 mo  
 Lewis Roberts (Jr. Asst. Engr) \$30/mo 12 mo.  
 M.H. Waddams (Jr. Asst. Engr) \$30/mo 3 mo.  
 George Robinson (Jr. Asst. engr) \$30/mo 12 mo.  
 Darius Lapham (Jr. Asst. engr) \$30/mo 12 mo.  
 John M. Carthy (Jr. Asst. engr) \$30/mo 12 mo.  
 William Gooding (Jr. Asst. Engr) \$30/mo 9 mo.  
 John B. Warren (Jr. Asst. Engr) \$30/mo 2 mo.  
 Arnold Medbury (Jr. Asst. Engr) \$30/mo for 1 mo, 21 days  
 Jesse L. Williams (RE) \$60/mo 12 mo.  
 O. P. Jennison (Jr. Asst. Engr) \$30/mo 12 mo.  
 Wm. R. Williamson (Sr. Asst. Engr) \$45/mo 12 mo.  
 Wm. H. Price (Sr, Asst. Engr) \$1200/yr.12 mo.  
 Thomas B. Adams (Sr. Asst. Engr.) \$45/mo 12 mo.  
 Charles Voorhies (Jr. Asst. Engr) \$30/mo 12 mo.  
 Francis Cleveland (RE) \$60/mo 12 mo.  
 Stearns Fisher (Jr. Asst, Engr) \$30/mo. 12mo.  
 Increase A. Lapham (Jr. Asst. Engr) \$30/mo 12 mo.  
 Samuel Forrer (RE) \$60/mo 12 mo.
- 1832 Jessee L. Williams, RE Left to be Chief Engineer for Indiana
- 1833
- 1834 S. Dodge (RE)
- 1835
- 1836 Wm. H. Price (RE)

In consequence of the great scarcity of skilful engineers , T. G. Bates, an advisory member of the Board, was induced to take charge of the surveys and final location for the improvement of the Muskingum river, until another Engineer of the requisite qualifications could be obtained.

- 1837 Richard Howe (RE) Ohio Canal \$1500/yr  
John McCarthy (RE) Ohio Canal \$1500/yr  
John A. Ackley (RE) Ohio Canal \$1500/yr  
Cornelius McCarthy (Asst.Engr) Ohio Canal \$540/yr  
M. E. Ward (RE) Walhonding and Mohican Canal \$1200/yr  
S. Medbery (Sr. Asst. Engr) Walhonding and Mohican Canal \$1080/yr  
John Waddle (Jr. Asst. Engr) Walhonding and Mohican Canal \$640/yr  
Andrew Young (RE) Wabash & Erie Canal \$2000/yr  
Wm. Wall (RE) Wabash & Erie Canal \$1500/yr  
D. B. Taylor (Sr. Asst Engr) Wabash & Erie Canal \$1200/yr  
Wm. Kennedy (Sr. Asst. Engr) Wabash & Erie Canal \$1000/yr  
P. Hogeland (Jr. Asst. Engr) Wabash & Erie Canal \$640/yr  
A. L. Frazer (Jr. Asst. engr) Wabash & Erie Canal \$640/yr  
Wm. Bombager (Jr. Asst. engr) Wabash & Erie Canal \$640/yr  
Andrew H. Palmer (Jr. Asst. engr) Wabash & Erie Canal \$640/yr  
C. L. Parker (Jr. Asst. engr) Wabash & Erie Canal \$640/yr  
A.P. Estabrook (Jr. Asst. engr) Wabash & Erie Canal \$640/yr  
David Bates (RE) Miami Ext. Canal \$1500/yr  
E.G.Barney (Sr. Asst. Engr) Miami Ext. Canal \$1000/yr  
J. F. Whiteman (Sr. Asst. Engr) Miami Ext. Canal \$1000/yr  
A. G. Conover (Jr. Asst. Engr) Miami Ext. Canal \$640/yr  
D. H. Morrison (Jr. Asst. Engr) Miami Ext. Canal \$640/yr  
Darius Lapham (RE) Miami Canal \$1500/yr  
A. F. Hinsch (RE) Warren County Canal \$1200/yr  
Samuel R. Curtis (RE) Muskingum Imp. \$1500/yr  
Chas. Hill (Sr. Asst. Engr) Muskingum Imp. \$1000/yr  
W.L. Coffenberry (Jr. Asst. Engr) Muskingum Imp. \$640/yr  
J. T. Arthur (Jr. Asst. Engr) Muskingum Imp. \$640/yr  
John Burwell (Jr. Asst. Engr) Muskingum Imp. \$640/yr  
Joseph Stibbs (Jr. Asst. Engr) Muskingum Imp. \$640/yr  
J. R. Straughan (Jr. Asst. Engr) Muskingum Imp. \$640/yr  
James Welsh (Jr. Asst. Engr) Muskingum Imp. \$640/yr  
James M. Love (Jr. Asst. Engr) Muskingum Imp. \$640/yr  
Samuel Carpenter (RE) Hocking Canal \$1500/yr  
William McAboy (Jr. Asst. Engr) Hocking Canal \$640/yr  
James McAboy (Jr. Asst. Engr) Hocking Canal \$640/yr  
S. W. Reeve (RE)
- 1838 Richard Howe (RE) Ohio Canal \$1500/yr

John McCarthy (RE) Ohio Canal \$1500/yr  
John A. Ackley(RE) Ohio Canal \$1500/yr  
Cornelius McCarthy (Asst. Engr) Ohio Canal \$540/yr  
Sylvester Medbery (Sr. Asst. Engr) ) Walhonding and Mohican Canals \$1080/yr  
John Waddle (Jr. Asst. Engr.) ) Walhonding and Mohican Canals \$640/yr.  
Andrew Young (RE) Miami and Erie Canal \$2000/yr  
William Wall (RE) Miami and Erie Canal \$1500/yr  
D. B.Taylor (Sr. Asst. Engr) Miami and Erie Canal \$1200/yr  
William Kennedy (Sr. Asst. Engr) Miami and Erie Canal \$1000/yr  
P.Hogeland (Jr. Asst. Engr) Miami and Erie Canal \$640/yr  
A.L.Frazer (Jr. Asst. Engr) Miami and Erie Canal \$640/yr  
William Bombager (Jr. Asst. Engr) Miami and Erie Canal \$640/yr  
Andrew H. Palmer (Jr. Asst. Engr) Miami and Erie Canal \$640/yr  
C. L. Parker (Jr. Asst. Engr) Miami and Erie Canal \$640/yr  
A. F. Estabrook (Jr. Asst. Engr) Miami and Erie Canal \$640/yr  
David Bates (RE) Miami Ext. Canal \$1500/yr  
E.G. Barney (Sr. Asst. Engr) ) Miami Ext. Canal \$1000/yr  
J.F. Whitman (Sr. Asst. Engr) ) Miami Ext. Canal \$1000/yr  
A. G. Conover (Jr. Asst. Engr) ) Miami Ext. Canal \$640/yr  
D. H. Morrison (Jr. Asst. Engr) ) Miami Ext. Canal \$640/yr  
Darius Lapham (RE) Miami Canal \$1500/yr  
A. F. Hinsch (RE) Warren County Canal \$1200/yr  
Samuel R. Curtis (RE) Muskingum Improvement \$1500/yr  
Charles Hill (Sr. Asst. Engr) Muskingum Improvement \$1000/yr  
W.L. Coffenberry (Jr. Asst. Engr) Muskingum Improvement \$640/yr  
J. T. Arthur (Jr. Asst. Engr) Muskingum Improvement \$640/yr  
John Burwell (Jr. Asst. Engr) Muskingum Improvement \$640/yr  
Joseph Stibbs (Jr. Asst. Engr) Muskingum Improvement \$568/yr  
J. R. Straughan (Jr. Asst. Engr) Muskingum Improvement \$568/yr  
James Welsh (Jr. Asst. Engr) Muskingum Improvement \$568/yr  
James M. Love (Jr. Asst. Engr) Muskingum Improvement \$568/yr  
Samuel Carpenter (RE) Hocking Canal \$1500/yr  
William McAboy (Jr. Asst. Engr) Hocking Canal \$640/yr  
James McAboy (Jr. Asst. Engr) Hocking Canal \$640/yr  
1839- Richard Howe (RE) Ohio Canal \$1500/yr  
Jno. A. Ackley (RE) Ohio Canal \$1500/yr  
Jno. McCarthy (RE) Ohio Canal \$1500/yr  
Cornelius McCarthy (Asst.) Ohio Canal  
Charles J. Ward (RE) Walhonding Canal \$1500/yr  
Sylvester Medbery (Sr. Asst. Eng.) Walhonding Canal \$1200/yr  
John Waddle (Jr. Asst. Eng.) Walhonding Canal, \$640/yr  
Augustus F. Hinsch (RE) Miami Canal and Warren County Canal, \$1500/yr

J. Martin was paid as superintendent but also was part-time engineer on Miami Canal

David Bates (RE) Miami Canal Ext., \$1500/yr

E.G. Barney (Sr. Asst. Eng) Miami Canal Ext., \$1000/yr

T.F. Whitman (Sr. Asst. Eng) Miami Canal Ext., \$1000/yr

A.G. Conover (Jr. Asst Eng) Miami Canal EXT., \$640/yr

D.H. Morrison (Jr. Asst. Eng) Miami Canal Ext., \$640/yr

Andrew Young (RE) Wabash and Erie Canal , \$2000/yr

D. B. Taylor (Sr. Asst. Eng) Wabash and Erie Canal, \$1200/yr

P. Hoagland (Jr. Asst. Eng) Wabash and Erie Canal \$1000/yr

Wm. Bombager (Jr. Asst. Eng) Wabash and Erie Canal \$640/yr

Abner L. Frazier (Jr. Asst. Eng) Wabash and Erie Canal \$640/yr

Jno. H. Crowell (Jr. Asst. Eng) Wabash and Erie Canal, \$640/yr

Cyrus Howard (Jr. Asst. Eng) Wabash and Erie Canal,\$640/yr

Abner L. Backus (Jr. Asst. Eng) Wabash and Erie Canal, \$640/yr

Samuel Carpenter (RE) Hocking Canal, \$1500/yr

James M'Aboy (Jr. Asst Eng) Hocking Canal, \$640/yr

John White (Jr. Asst Eng) Hocking Canal, \$640/yr

Gersham Williams (Jr. Asst. Eng) Hocking Canal, \$640/yr

Wm. McAboy (Jr. Resident Eng) Muskingum River Imp. \$1200/yr

Charles L. Parker (Sr. Asst. Eng) Muskingum River Imp, \$1000/yr

J. T. Arthur (Jr. Asst Eng) ) Muskingum River Imp, \$640/yr

J. R. Straughn, (Jr. Asst. Eng) ) Muskingum River Imp, 640/yr

A. F. Estabrook, (Jr. Asst. Eng) ) Muskingum River Imp, \$640/yr

1840- Richard Howe (RE) Ohio Canal, \$1500/yr

John A. Ackley (RE) Ohio Canal, \$1500/yr

John McCarthy (RE), Ohio Canal, \$1500/yr

Cornelius McCarthy,(Asst. Engineer) , Ohio Canal, (John and Cornelius shared the \$1500 salary)

John Waddle (Sr. Asst. Eng) Walhonding Canal, \$1000/yr

J. Blickenderfer, Jr. (Jr. Asst Eng) Walhonding Canal, \$640/yr

Samuel Carpenter (Jr. Res. Eng) Hocking canal , \$1200/yr

John White (Asst Eng) Hocking Canal, \$640/yr

James S. M'Aboy (Asst. Eng) Hocking Canal, \$640/yr

Nathaniel Medbery (RE) Muskingum Imp., \$1500/yr (part time superintendent also)

Wm. McAboy (Jr. Res. Eng) Muskingum Imp., \$1200/yr

J. R. Straughn, (Asst. Eng) Muskingum Imp., \$1000/yr

A. F. Hinsch (RE) Miami & Warren County Canals, \$1500/yr

John W. Irwin(RE) Miami & Warren County Canals, \$500/yr

E. G. Barney (Jr. Res. Eng) Miami Canal Ext. , \$1200/yr

James F. Whiteman (Jr. Res. Eng) Miami Canal Ext. \$1200

A. G. Conover (Jr. Asst. Eng) Miami Canal Ext., \$640/yr

D. H. Morrison (Jr. Asst. Eng) Miami Canal Ext., \$640/yr

Andrew Young (RE) Wabash & Erie Canal \$1500/yr

Sylvester Medbery (RE) Wabash & Erie Canal, \$1500/yr  
 D. B. Taylor (Sr. Asst. Eng) Wabash & Erie Canal, \$1200/yr  
 P. Hoagland (Jr. Asst. Eng) Wabash & Erie Canal \$1000/yr  
 Wm. Bombarger, (Jr. Asst. Eng) Wabash & Erie Canal, \$640/yr  
 John H. Crowell, (Jr. Asst Eng) Wabash & Erie Canal \$640/yr  
 Cyrus Howard (Jr. Asst Eng) Wabash & Erie Canal 640/yr  
 John T. Backus (Jr. Asst Eng) Wabash & Erie Canal \$640/yr  
 1841- Richard Howe (RE) Ohio Canal, \$1000/yr  
 John A. Ackley (RE) Ohio Canal, \$1000/yr  
 John Waddle (Asst Eng) Walhonding Canal \$640/yr  
 G. S. Williams (Asst Eng) Hocking canal, \$640/yr  
 J. R. Straughn (Asst Eng) Muskingum Imp, \$640/yr  
 Chas L. Parker (Asst Eng) Muskingum Imp, \$640/yr  
 Wm. McAboy (RE) Muskingum Imp, \$1000/yr (partial year)  
 A. F. Hinsch (RE) Miami & Warren County Canals, \$1000/yr  
 E. G. Barney (RE) Miami Canal Ext \$1000/yr  
 D. H. Morrison (Asst Eng ) Miami Canal Ext \$640/yr  
 A. G. Conover (Asst Eng ) Miami Canal Ext \$640/yr  
 Wm. Werden (Asst Eng ) Miami Canal Ext \$640/yr  
 Andrew Young (RE) Wabash & Erie Canal \$1000/yr  
 Sylvester Medbery (RE) Wabash & Erie Canal \$1000/yr  
 P. Hoagland (Asst Eng) Wabash & Erie Canal \$640/yr  
 Wm Bombarger (Asst Eng) Wabash & Erie Canal \$640/yr  
 A. L. Backus (Asst Eng) Wabash & Erie Canal \$640/yr  
 Cyrus Howard (Asst Eng) Wabash & Erie Canal \$640/yr  
 1842- Richard A. Howe (RE) Ohio Canal \$1000/yr  
 John A. Ackley (RE) Ohio Canal \$1000/yr  
 No assistant on Walhonding Canal  
 G. S. Williams (Asst Eng) Hocking Canal \$640/yr  
 William McAboy (RE ) Muskingum, Hocking and Walhonding canals) \$1000/yr  
 John W. Erwin (RE) Miami and Warren County Canals, \$1000/yr  
 E. G. Barney (RE) Miami Canal Ext, \$1000/yr  
 D. H. Morrison (Asst Eng) Miami Canal Ext, \$640/yr  
 A. G. Conover (Asst Eng) Miami Canal Ext, \$640/yr  
 William Werden, Jr. (Asst Eng) Miami Canal Ext., \$640/yr  
 Andrew Young (RE) Wabash & Erie Canal, \$1000/yr  
 Sylvester Medbery (RE) Wabash & Erie Canal \$1000/yr  
 P. Hoagland (Asst Eng) Wabash & Erie Canal \$640/yr  
 A. L. Backus (Asst Eng) Wabash & Erie canal \$640/yr  
 1843- Richard Howe (RE) Ohio Canal \$1000/yr  
 R. H. Nugen (RE) Ohio Canal, \$1000/yr  
 William McAboy (RE) Walhonding, Hocking and Muskingum canals, \$1000/yr

- John Erwin (RE) Miami, Warren County and Miami Ext. (south of Loramie Creek) \$1000/yr  
 E. G. Barney (RE) Miami Canal Ext. \$1000/yr  
 D. H. Morrison (Asst Eng) Miami Canal Ext, \$640/yr  
 A. G. Conover (Asst Eng) Miami Canal Ext. \$640/yr  
 William Werden, Jr., (Asst Eng) Miami Canal Ext, \$640/yr  
 (Note: One or more engineers to be dispensed with by winter or early spring-)  
 P. Hoagland (RE) Wabash & Erie Canal and Western Reserve and Maumee Rd. \$1000/yr
- 1844- Richard Howe (RE) Ohio Canal, \$666/yr  
 R. H. Nugen (RE) Ohio Canal, \$666/yr  
 William McAboy (RE) Muskingum Imp., Hocking and Walhonding Canals, \$666/yr  
 John W. Erwin (RE) Miami and Warren County and Miami Ext to Lockport, \$666/yr  
 Sylvester Medbery (RE) Miami Canal Ext northern Div., \$666/yr  
 Wm. Werden, Jr. (Sr. Rodman) Miami Canal Ext northern Div, \$25/mo +\$4/wk board  
 Cyrus Howard ( Sr.Rodman ) Miami Canal Ext northern Div, \$25/mo +\$4/wk board  
 P. Hoagland (RE) Wabash & Erie Canal and Western Reserve and Maumee Rd, \$666/yr
- 1845- Richard Howe (PE) Ohio Canal North Div,, \$666/yr  
 John Waddle (PE) Ohio Canal South Div., \$666/yr  
 John A. Ackley (RE) Muskingum Imp. and Walhonding canals, \$666/yr  
 Samuel Carpenter (RE) Hocking and Middle Div of Ohio Canal, \$666/yr  
 Augustus F. Hinch (RE) Miami and Miami Ext. Canal, Cinti to Piqua, \$666/yr  
 Alexander Conover(RE) Miami Ext north of Piqua, \$666/yr  
 Cyrus Howard (RE) Wabash and Erie Canal and Western Reserve and Maumee Rd., \$666/yr
- 1846- Richard Howe (RE) Ohio Canal North Div, \$800/yr  
 John Waddle (RE) Ohio Canal South Div, \$800/yr  
 John A. Ackley (RE) Muskingum Imp. and Walhonding Canal, \$800/yr  
 Samuel Carpenter (RE) Hocking Canal and Middle Div of Ohio Canal \$800/yr  
 Augustus F. Hirsch (RE) Miami and Miami Ext. Canals from Cinti to Piqua \$800/yr  
 Alexander G. Conover (RE) Miami Ext Canal north of Piqua, \$800/yr  
 Cyrus Howard (RE) Wabash & Erie Canal and Western Reserve and Maumee Rd. \$800/yr
- 1847- Richard Howe (RE) Ohio Canal North Div., \$800/yr  
 John Waddle (RE) Ohio Canal south Div., \$800/yr  
 E. C. Cook (RE) Muskingum Imp. and Walhonding Canal \$800/yr \*  
 Samuel Carpenter (RE) Hocking Canal and Middle Div of Ohio Canal, 800/yr  
 Augustus F. Hirsch (RE) Miami and Miami Ext. Canals from Cinti to Piqua \$800/yr  
 Alexander G. Conover (RE) Miami Ext. Canal north of Piqua \$800/yr  
 Cyrus Howard (RE) Wabash & Erie Canal and Western Reserve and Maumee Rd. \$800/yr  
 \*Another report shows John Ackley as RE for Muskinum and Walhonding Canals
- 1848- Richard Howe (RE) Ohio Canal North Div., \$800/yr  
 John Waddle (RE) Ohio Canal, South Div, \$800/yr  
 Elisha C. Cook (RE) Muskingum Imp. and Walhonding Canals, \$800/yr  
 Samuel Carpenter (RE) Hocking Canal and Middle Div. of Ohio Canal \$800/yr  
 Augustus F. Hirsch (RE) Miami and Miami Ext. Canals , Cinti to Piqua \$800/yr

- Alexander G. Conover (RE) Miami Ext. Piqua north \$800/yr  
 Cyrus Howard (RE) Wabash and Erie Canal, and Western Reserve and Maumee Rd. \$800/yr
- 1849- Richard Howe (RE) Ohio Canal ,North Div, \$800/yr  
 John Waddle (RE) Ohio Canal, South Div, \$800/yr  
 Elisha C. Cook (RE) Muskingum Imp.& Walhonding Canal, \$800/yr  
 Samuel Carpenter (RE) Hocking Canal and Middle div. of Ohio Canal \$800/yr  
 Augustus F. Hinsch (RE) Muskingum Imp. And Walhonding Canal, \$800/yr  
 Alexander G. Conover (RE) Miami and Erie Canal, \$800/Yr  
 Cyrus Howard (RE) Miami and Erie Canal, \$800/yr
- 1850- E.C. Cook (RE) Ohio Canal North Div., \$800/yr Term expired 5 June 1850  
 John Waddle (RE) Ohio Canal South Div., \$800/yr  
 Hazen Lathrop (RE) Muskingum Imp. and Walhonding Canal \$800/yr  
 Samuel Carpenter (RE) Hocking Canal and Middle Div. of Ohio Canal, \$800/yr  
 A. F. Hinsch (RE) Miami & Erie Canal \$800/yr
- 1851- Henry H. Dodge (RE) Ohio Canal North Div. \$800/yr  
 Wm. McAboy(RE) Ohio Canal south Div.\$800/yr  
 Samuel G. Foster (RE) Middle Div of Ohio Canal and Hocking Canal, \$800/yr  
 Hazen Lathrop (RE) Muskingum Imp. and Walhonding canal, \$800/yr  
 John W. Erwin (RE) Miami and Erie Canal, South Div. \$800/yr  
 Michael Wallace (RE) Miami and Erie Canal, Middle Div., \$800/yr \*  
 Abner L. Backus (RE) Miami and Erie Canal North Div., \$800/yr  
 \*Accused of interest in contracts on his division and removed; criminally prosecuted for his dishonesty but justice of peace discharged him and he left country
- 1852 - H. H. Dodge (RE) Ohio Canal North Div,\$1000/yr  
 Samuel G. Foster ( RE) Ohio Canal, Middle Div, \$1000/yr  
 Lewis W. Sifford (RE) Ohio Canal, South Div, \$1000/yr  
 Jno. W. Erwin (Miami and Erie Canal South Div)\$1200/yr \*  
 A. L. Backus, (RE) Miami & Erie Canal North Div, \$1200/yr \*  
 Hazen Lathrop (RE) Muskingum Imp., \$1000/yr
- Salary increase due to include 3 divisions in lieu of 2 divisions
- 1853- Henry H. Dodge (RE) Ohio Canal North Div and Walhonding Canal \$1200/yr  
 Samuel G. Foster (RE) Ohio Canal Middle Div, \$1200/yr  
 Lewis W. Sifford (RE) Ohio Canal South Div, \$1200/yr  
 John W. Erwin (RE) Miami & Erie Canal South Div, \$1200/yr  
 W. J. Jackson (RE) Miami & Erie Canal Middle Div, \$1200/yr  
 Abner L. Backus (RE) North Div of Miami & Erie Canal and Western Reserve and Maumee Rd., \$1200/yr  
 Hazen Lathrop (RE) Muskingum Imp. , \$1200/yr
- 1854 John W. Irwin (RE) Miami & Erie southern Div, \$1200/yr  
 E.B.Legget(RE) Muskingum Imp.,\$1050/yr  
 Henry H.Dodge (RE) Ohio Canal NorthDiv., \$1050/yr  
 Samuel Foster,(RE), Ohio Canal Middle Div., \$1050/yr

Lewis W. Sifford (RE) Ohio Canal Southern Div, \$1050/yr  
 Abner L. Backus (RE) Miami & Erie Canal Northern Div., \$1350/yr  
 W. J. Jackson (RE) Miami & Erie, Middle Div. \$1350/yr  
 John W. Erwin (RE) Miami & Erie, Southern Div. \$1350/yr  
 Francis Cleveland Special Engineer for gauging water on M & E South Div.

1855 Henry H. Dodge (RE) Ohio Canal Northern Div, \$1500/yr  
 Samuel G. Foster (RE) Ohio Canal Middle Div, \$1500/yr  
 Lewis W. Sifford (RE) Ohio Canal, South Div., \$1500/yr  
 Abner L. Backus (RE) Miami & Erie Canal Northern Div., \$1500/yr  
 W. J. Jackson (RE) Miami & Erie, Middle Div. \$1500/yr  
 John W. Erwin (RE) Miami & Erie, Southern Div. \$1500/yr

1856 Cyrus Howard  
 A. L. Backus

1857 Cyrus Howard

1858- Richard Howe (RE) Ohio Canal \$1500/yr  
 H. H. Dodge (RE) Ohio Canal \$1500/yr  
 Cyrus Howard (RE) Miami and Erie Canal, \$1500/yr  
 A. F. Hinsch (RE) Miami and Erie Canal, \$1500/yr  
 Wm. J. Jackson (RE) Miami and Erie Canal, \$1500/yr  
 James G. Haly (Engineer to gauge surplus water) All canals, \$1500/yr

1859- H. H. Dodge (RE) North Div of Ohio Canal, \$1500/yr  
 J. Blickenderfer, Jr. (RE) South Div of Ohio Canal(?) and Walhonding Canal, \$1500/yr (11 mo.)  
 M. J. Becker (RE) . (RE) South Div of Ohio Canal(?) and Walhonding Canal, \$1500/yr (1 mo.)  
 Wm. J. Jackson (RE) North Div of Miami and Erie Canal, \$1500/yr  
 Andrew Young (RE) North Div of Miami and Erie Canal, \$1500/yr  
 John W. Erwin (RE) South Div of Miami and Erie Canal, \$1500/yr  
 John S. Earhart (RE) South Div of Miami and Erie Canal, \$1500/yr  
 Samuel Medbery (RE) Hocking Canal and Muskingum Imp., \$1500/yr

1860- H. H. Dodge (RE) North Div. of Ohio Canal, Walhonding Canal and Western Reserve and Maumee Road, \$1314.14/yr  
 M. J. Becker (RE) South Div. of Ohio Canal, \$1500/yr  
 J. N. Lewis (RE) South Div. of Ohio Canal, \$1500/yr  
 S. Medbery (RE) Muskingum Imp. and Hocking Canal, \$1500/yr  
 A. L. Haskin (RE) ) Muskingum Imp. and Hocking Canal, \$1500/yr  
 W. J. Jackson (RE) North Div. of Miami and Erie Canal, \$1500/yr (4 1/2 mos.)  
 Samuel Forrer (RE) North Div. of Miami and Erie Canal, \$1200/yr. (7 1/2 mos.)  
 John S. Earhart (RE) South Div of Miami and Erie Canal, \$1500/yr (4 1/2 mos.)  
 John S. Earhart (RE) South Div of Miami and Erie Canal, \$1200/yr (7 1/2 mos.)

1861- H. H. Dodge (RE) Div No. 1 of Ohio Canal, \$1200/ yr (3 mos.)  
 J. Linton (RE) Div No. 1 of Ohio canal, 1200/yr (9 mos)  
 J. N. Lewis (RE) Ohio Canal south Div, \$1200/yr  
 A. L. Haskin (RE) Hocking Canal and Muskingum Imp., \$1200/yr (9 mos)

- Samuel Forrer (RE) North Div. of Miami and Erie Canal, \$1200/yr  
 John S. Earhart (RE) South Div. of Miami and Erie Canal, \$1200/yr (7 mos)  
 John S. Earhart (RE) Lewistown Reservoir (1861) \$1200/yr (1 mos)
- 1862- J. N. Lewis (RE) Northern Div of Ohio Canal and Walhonding \$1200/yr  
 Isiah Linton (RE) Southern Div of Ohio Canal and Hocking \$1200/yr  
 Samuel Forrer (RE) Miami and Erie Canal and appendages \$1200/yr
- 1863- J. N. Lewis (RE) Northern Div of Ohio Canal and Walhonding Canal  
 Isaac Angel (RE) Southern Div of Ohio Canal, Hocking Canal and Muskingum Imp.  
 Samuel Forrer (RE) Div No. 3 Miami and Erie Canal and appendages
- 1864- John N. Lewis (RE) Div No. 1 of Ohio Canal \$1000/yr (3 mos)  
 John N. Lewis (RE) Div No. 2 of Ohio Canal , Hocking and Muskingum Imp, \$1000/yr (9 mos)  
 Isaac Angel (RE) Div No. 2 of Ohio Canal , Hocking and Muskingum Imp, 1000/yr (3 mos.)  
 Levi Gamble (RE) Div No.1 of Ohio Canal, \$1000/yr, (3 mos)  
 John Knight (RE) Div No. 1 of Ohio Canal, \$1000/yr (5 mos)  
 Samuel Forrer (RE) Div No. 3 Miami and Erie Canal, \$1000/yr
- 1865- John Knight (RE) Div No. 1 Ohio Canal, 1000/yr (5 mos) and 1200/yr (7 mos)  
 John N. Lewis (RE) Div No 2 of Ohio Canal , Hocking and Muskingum Imp, 1000/yr (5 mos) and 1200/yr (7 mos)  
 Samuel Forrer (RE) Div No. 3 of Miami & Erie Canal, 1000/yr (5 mos) and 1200/yr (7 mos)
- 1866- John Knight (RE) Div No. 1 Ohio Canal, 1200/yr  
 John N. Lewis (RE) Div No 2 of Ohio Canal , Hocking and Muskingum Imp, 1200/yr  
 Samuel Forrer (RE) Div No. 3 of Miami & Erie Canal, 1200/yr
- 1867- John Knight (RE) Div No. 1 Ohio Canal, 1200/yr  
 John N. Lewis (RE) Div No 2 of Ohio Canal, 1200/yr  
 Samuel Forrer (RE) Div No. 3 of Miami & Erie Canal, 1200/yr
- 1868- John Knight (RE) Div No. 1 Ohio Canal, 1200/yr  
 John N. Lewis (RE) Div No 2 of Ohio Canal , Hocking and Muskingum Imp, 1200/yr  
 Samuel Forrer (RE) Div No. 3 of Miami & Erie Canal, 1200/yr
- 1869- John Knight (RE) Div No. 1 Ohio Canal, 1200/yr  
 John N. Lewis (RE) Div No 2 of Ohio Canal , Hocking and Muskingum Imp, 1200/yr  
 Samuel Forrer (RE) Div No. 3 of Miami & Erie Canal, 1200/yr
- 1870- James Knight (RE) Div No. 1 Ohio Canal, 1200/yr  
 John N. Lewis (RE) Div No 2 of Ohio Canal, Hocking and Muskingum Imp, 1200/yr (3 mos)  
 A. F. Beach (RE) Div No. 2 of Ohio Canal , Hocking and Muskingum Imp \$1200/yr (9 mos)  
 Samuel Forrer (RE) Div No. 3 of Miami & Erie Canal, 1200/yr
- 1871- Albert F. Beach (RE) Div No. 1 Ohio Canal, \$1200/yr  
 John Knight (RE) Div No. 2 Ohio Canal , Hocking and Muskingum Imp, \$1200/yr  
 Samuel Forrer (RE) Div No. 3 Miami and Erie Canal, \$1200/yr
- 1872- Wm. S. Williams (RE) Div No. 1 of Ohio Canal, \$1200/yr (11 mos)  
 Albert F. Beach (RE) Div No. 1 of Ohio Canal, \$1200/yr (1 mo)  
 Albert J. Spaulding (RE) Div No. 2 of Ohio Canal, Hocking and Muskingum Imp., \$1200/yr,

- (9 mos)  
 John Knight (RE) Div No. 2 of Ohio Canal , Hocking and Muskingum Imp, \$1200/yr (3 Mos)  
 Samuel Forrer (RE) Div No. 3 Miami and Erie Canal, \$1200/yr
- 1873- William S. Williams (Canton) (RE) Div No. 1 of Ohio Canal, \$1200/yr  
 Albert J. Spaulding (Zanesville) (RE) Div No. 2 of Ohio Canal, Hocking and Muskingum Imp., \$1200/yr  
 John W. Erwin (Hamilton) (RE) Div No 3 Miami and Erie canal, \$1200/yr (9 mos)  
 Samuel Forrer (RE) Div No. 3 Miami and Erie Canal, \$1200/yr (3 Mos)
- 1874- William S. Williams (Canton) (RE) Div No. 1 of Ohio Canal, \$1200/yr  
 Albert J. Spaulding (Zanesville) (RE) Div No. 2 of Ohio Canal, Hocking and Muskingum Imp., \$1200/yr  
 John W. Erwin (Hamilton) (RE) Div No 3 Miami and Erie canal, \$1200/yr (9 mos)
- 1875- William S. Williams (Canton) (RE) Div No. 1 of Ohio Canal, \$1200/yr  
 Albert J. Spaulding (Zanesville) (RE) Div No. 2 of Ohio Canal, Hocking and Muskingum Imp., \$1200/yr (4 mos)  
 A. J.Cryder (Chillicothe) (RE) Div No. 2 of Ohio Canal, Hocking and Muskingum Imp., \$1200/yr (8 mos)  
 John W. Erwin (Hamilton) (RE) Div No 3 Miami and Erie canal, \$1200/yr (9 mos)
- 1876- William S. Williams (Canton) (RE) Div No. 1 of Ohio Canal, \$1200/yr  
 A. J.Cryder (Chillicothe) (RE) Div No. 2 of Ohio Canal, Hocking and Muskingum Imp., \$1200/yr  
 John W. Erwin (Hamilton) (RE) Div No 3 Miami and Erie canal, \$1200/yr
- 1877- William S. Williams (Canton) (RE) Div No. 1 of Ohio Canal, \$1200/yr  
 A. J.Cryder (Chillicothe) (RE) Div No. 2 of Ohio Canal, Hocking and Muskingum Imp., \$1200/yr  
 John W. Erwin (Hamilton) (RE) Div No 3 Miami and Erie canal, \$1200/yr
- 1878- William S. Williams (Canton) (RE) Div No. 1 of Ohio Canal, \$1200/yr  
 A. J.Cryder (Chillicothe) (RE) Div No. 2 of Ohio Canal, Hocking and Muskingum Imp., \$1200/yr  
 John W. Erwin (Hamilton) (RE) Div No 3 Miami and Erie canal, \$1200/yr
- 1879- W. J. Jackson (Chief Engineer) \$2000/yr  
 William S. Williams (Canton) (RE) Div No. 1 of Ohio Canal, \$1200/yr  
 A. J.Cryder (Chillicothe) (RE) Div No. 2 of Ohio Canal, Hocking and Muskingum Imp., \$1200/yr  
 John W. Erwin (Hamilton) (RE) Div No 3 Miami and Erie canal, \$1200/yr
- 1880- W. J. Jackson (Chief Engineer) \$2000/yr(Abt. 6 mos)  
 Jno. B. Gregory (Chief Engineer) \$2000/yr (Abt. 5 mos)  
 Wm. S. Williams (RE) Div No. 1 of Ohio Canal \$1200/yr (3 mos)  
 T. Dwight Paul (RE) Div No. 1 of Ohio Canal \$1200/yr (9 mos)  
 A. J. Cryder (RE) Div No. 2 of Ohio Canal, Hocking and Musking um Imp. \$1200/yr(3 mos)  
 W. C. Safford (RE) Div No. 2 of Ohio Canal, Hocking and Musking um Imp. \$1200/yr(9 mos)  
 John W. Erwin (RE) Div No. 3 Miami and Erie Canal, \$1200/yr.
- 1881- Theo Dwight Paul (Akron) (RE) Div No. 1 of Ohio Canal, \$1200/yr  
 W. C. Safford (Waverly) (RE) Div No. 2 of Ohio Canal, Hocking and Musking um Imp. \$1200/yr  
 John W. Erwin (Hamilton) (RE) Div. No. 3 of Miami and Erie Canal, \$1200/yr
- 1882- John B. Gregory (Chief Engineer) \$2000/yr

- Theo Dwight Paul (Akron) (RE) Div No. 1 of Ohio Canal, \$1200/yr  
W. C. Safford (Waverly) (RE) Div No. 2 of Ohio Canal, Hocking and Musking um Imp. \$1200/yr  
John W. Erwin (Hamilton) (RE) Div. No. 3 of Miami and Erie Canal, \$1200/yr
- 1883- John B. Gregory (Chief Engineer) \$2000/yr  
Theo Dwight Paul (Akron) (RE) Div No. 1 of Ohio Canal, \$1200/yr  
W. C. Safford (Waverly) (RE) Div No. 2 of Ohio Canal, Hocking and Musking um Imp. \$1200/yr  
John W. Erwin (Hamilton) (RE) Div. No. 3 of Miami and Erie Canal, \$1200/yr
- 1884- Office of Resident Engineer abolished by act of March 24, 1884  
Frank Snyder (Chief Engineer) \$2000/yr  
John Burch (Xenia) (Assistant Engineer)  
T. D. Paul (RE) Div No. 1 of Ohio Canal \$1200/yr, (Abt. 4 mos)  
W. C. Safford (RE) Div No. 2 of Ohio canal, Hocking and Muskingum Imp., \$1200/yr (Abt. 4 mos)  
J. W. Erwin (RE) Div No. 3 of Miami and Erie Canal, \$1200/yr (Abt. 3 mos)  
W. J. Jackson (RE) Div No. 3 of Miami and Erie Canal, \$1200/yr (Abt. 1 mo)
- 1885- Frank Snyder (Dayton) (Chief Engineer)  
John D. Lamb (Defiance) (Assistant Engineer)
- 1886- Frank Snyder (Chief Engineer) (Abt. 6 mos) replaced by  
Samuel Bachtell (Chief Engineer) (Abt. 6 mos)  
John D. Lamb (Asst. Engineer) resigned replaced by  
D. L. Marvin (Asst. Engineer)
- 1887- Samuel Bachtell (Chief Engineer)  
D. L. Marvin (Asst. Engineer)
- 1888- Samuel Bachtell (Chief Engineer)  
D. L. Marvin (Asst. Engineer)
- 1889- Samuel Bachtell (Chief Engineer)  
D. L. Marvin (Asst. Engineer)
- 1890- John Myers (Chief Engineer)  
Samuel Bachtell (Asst. Engineer)
- 1891- John Myers (Chief Engineer)  
Samuel Bachtell (Asst. Engineer)
- 1892- Chas E. Perkins (Akron) (Chief Engineer)  
Samuel Bachtell (Columbus) (Asst. Engineer)
- 1893- Chas E. Perkins (Akron) (Chief Engineer)  
Samuel Bachtell (Columbus) (Asst. Engineer)
- 1894- Chas E. Perkins (Akron) (Chief Engineer)  
Samuel Bachtell (Columbus) (Asst. Engineer)
- 1895- Chas E. Perkins (Akron) (Chief Engineer)  
Samuel Bachtell (Columbus) (Asst. Engineer)
- 1896- Chas E. Perkins (Akron) (Chief Engineer)  
Samuel B achtell (Columbus) (Asst. Engineer)
- 1899- Chas E. Perkins (Akron) (Chief Engineer)  
Samuel Bachtel (Columbus) (Asst. Engineer)

- 1900- Chas E. Perkins (Akron) (Chief Engineer)  
 Samuel Bachtell (Columbus) (Asst. Engineer)
- 1901- Chas E. Perkins (Akron) (Chief Engineer)  
 Samuel Bachtell (Columbus) (Asst. Engineer)
- 1902- Chas E. Perkins (Akron) (Chief Engineer)  
 Samuel B achtel (Columbus) (Asst. Engineer)
- 1903- Chas E. Perkins (Akron) (Chief Engineer)  
 Samuel Bachtel (Columbus) (Asst. Engineer)
- 1904- Chas E. Perkins (Akron) (Chief Engineer)  
 Samuel Bachtel (Columbus) (Asst. Engineer)
- 1905- Chas E. Perkins (Akron) (Chief Engineer)  
 Samuel Bachtel (Columbus) (Asst. Engineer)
- 1906- Chas E. Perkins (Akron) (Chief Engineer)  
 Samuel Bachtel (Columbus) (Asst. Engineer)  
 Edward E. Booton (Engineer Land Dept)
- 1907- Chas E. Perkins (Akron) (Chief Engineer)  
 Samuel B achtel (Columbus) (Asst. Engineer) (Died March 1907)  
 H. W. Meachum (Toledo) (Asst Engineer) (Fill unexpired)  
 Edward E. Booton (Engineer Land Dept)
- 1908- Chas E. Perkins (Akron) (Chief Engineer)  
 H. W. Meachum (Toledo) (Asst Engineer) (Fill unexpired)  
 Edward E. Booton (Engineer Land Dept)
- 1909- Chas E. Perkins (Akron) (Chief Engineer)  
 H. W. Meachum (Toledo) (Asst Engineer) (Fill unexpired)  
 Edward E. Booton (Engineer Land Dept)
- 1910- James R. Marker (Versailles) (Chief Engineer)  
 H. W. Meachum (Toledo) (Asst Engineer) (Fill unexpired)  
 Edward E. Booton (Engineer Land Dept)
- 1911- John I. Miller (Chief Engineer)  
 H. W. Meachum (Asst Engineer)  
 Edward E. Booton (Engineer Land Dept.)
- 1912- John I. Miller (Chief Engineer)  
 H. W. Meachum (Asst Engineer)  
 Edward E. Booton (Engineer Land Dept.)
- 1913- F. A. Farley (Cincinnati) (Chief Engineer) \$1800/yr  
 W. H. Weyrich (Dayton) (Engineer of Construction) \$2000/yr  
 George E. Dwyck (Marion) Div Engineer of Miami and Erie Canal \$2000/yr  
 R. E. Hamilton (Coshocton) Div Engineer of Ohio Canal, \$2000/yr.  
 W. H. Heiby (Ohio City) Canal Lands Surveyor \$1800/yr

1825- Principal Engineer \$2000/yr = expenses

Resident Engineer - \$1000/yr + expenses up to \$3/day while superintending

Sr.. Asst.-\$45/mo + expenses

Jr. Asst. And surveyors- \$35/mo+ expenses

