

ASHTABULA WEEKLY TELEGRAPH

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INDEPENDENT IN ALL THINGS.

ASHTABULA, OHIO, FRIDAY, OCTOBER 8, 1880.

PRICE, 25 CENTS IN ADVANCE.

WHOLE NUMBER 1605.

JAMES REED & SON, Publishers.

Vol. XXXI, No. 41.

BUSINESS DIRECTORY.

MERCHANTS.

THOMAS N. HOFFER, General Dealer in Dry Goods, Groceries, Crockery and Glassware, Boots and Shoes, Ready-Made Clothing, Hats and Caps, Tobacco and Cigars, and everything a family needs to eat or wear. South Main street, Ashtabula, Ohio.

TOMPKINS & ROCKWELL, Wholesale and Retail Dealers in Groceries and Provisions, Family and Fancy Groceries, and all kinds of Groceries, and the finest brands of Tobacco and Cigars. 123 1/2 Main street, Ashtabula, Ohio.

H. H. W. SAVAGE, Dealers in Choice Family Groceries and Provisions, also, Poultry, and the finest brands of Tobacco and Cigars. 123 1/2 Main street, Ashtabula, Ohio.

N. B. WELLS, Produce and Commission Merchant for the purchase and sale of Western Produce, and the finest brands of Tobacco and Cigars. 123 1/2 Main street, Ashtabula, Ohio.

J. H. FAULKNER & SON, Dealers in Groceries, Provisions, Flour, Feed, Lard, and all kinds of Groceries, and the finest brands of Tobacco and Cigars. 123 1/2 Main street, Ashtabula, Ohio.

W. REDDICK, Dealer in Flour, Pork, Lard, and all kinds of Groceries, and the finest brands of Tobacco and Cigars. 123 1/2 Main street, Ashtabula, Ohio.

H. L. HOBBS, Dealer in Dry Goods, Groceries, Boots and Shoes, Hats, Caps, Hardware, Crochet, Books, Stationery, etc., Ashtabula, Ohio.

DRUGGISTS.

MARTIN NEWBERGER, Druggist and Apothecary and General Dealer in Drugs, Medicines, Wines and Liquors for medicinal purposes, and all kinds of Groceries. Main street, corner of Centre, Ashtabula, Ohio.

MANUFACTURERS.

CLARK MANUFACTURING CO., Manufacturers of Lath, Shingles, Siding, Cheese Boxes, etc., Planing, Milling and Sawn Lumber, and all kinds of Groceries. Opposite South Park, Ashtabula, Ohio.

ATTORNEYS AND AGENTS.

H. B. RICKARD, Attorney at Law & Notary Public, Office in Ashtabula.

C. M. REED, Attorney and Counselor at Law and Notary Public, Office in Ashtabula.

J. H. FAULKNER, Attorney and Counselor at Law and Notary Public, Office in Ashtabula.

J. H. FAULKNER, Attorney and Counselor at Law and Notary Public, Office in Ashtabula.

J. H. FAULKNER, Attorney and Counselor at Law and Notary Public, Office in Ashtabula.

HARDWARE, ETC.

H. B. RICKARD, Dealer in Hardware, Iron, Steel, Brass, Copper, Zinc and all kinds of Groceries, and the finest brands of Tobacco and Cigars. 123 1/2 Main street, Ashtabula, Ohio.

PHYSICIANS.

W. M. DEAN, M. D., Physician and Surgeon, Office hours 10 to 12 a. m. and 7 to 9 p. m. 123 1/2 Main street, Ashtabula, Ohio.

D. E. KELLEY, M. D., Physician and Surgeon, Office hours 10 to 12 a. m. and 7 to 9 p. m. 123 1/2 Main street, Ashtabula, Ohio.

D. E. KELLEY, M. D., Physician and Surgeon, Office hours 10 to 12 a. m. and 7 to 9 p. m. 123 1/2 Main street, Ashtabula, Ohio.

FOUNDRIES.

PHOENIX IRON WORKS CO., Manufacturers of Steam, Plow and Corners, Window Sills and Sills, Mill Castings, Kettles, Sizing and all kinds of Groceries, and the finest brands of Tobacco and Cigars. 123 1/2 Main street, Ashtabula, Ohio.

CABINET WARE.

JOHN DEAN, Manufacturer and Dealer in Furniture of the best descriptions, as also, various kinds of Groceries, and the finest brands of Tobacco and Cigars. 123 1/2 Main street, Ashtabula, Ohio.

JEWELERS.

ANDREW A. BROWN, Jeweler, Office hours 10 to 12 a. m. and 7 to 9 p. m. 123 1/2 Main street, Ashtabula, Ohio.

PHOTOGRAPHERS.

ELMER & MOORE, Photographers and Dealers in Pictures, Engravings, Chromos, etc., Office hours 10 to 12 a. m. and 7 to 9 p. m. 123 1/2 Main street, Ashtabula, Ohio.

HARNESS MAKER.

JOHN & BROTHERS, Manufacturers and Dealers in Harness, Saddles, Collars, Trunks, Whips, etc., opposite Pink House, Ashtabula, Ohio.

JUSTICE OF THE PEACE.

MICHAEL HEATER, Justice of the Peace, Office over Ashtabula Store, Ashtabula, Ohio.

ARCHITECTS.

DAVID DEAN, Civil Engineer and Surveyor, Architectural and Mechanical Draftsman, Office in Pines and Redmen's Block, Ashtabula, Ohio.

DENTISTS.

D. E. KELLEY, D. D. S., Newberger's Block, cor. Main and Centre sts., Entrance on Centre Street, Office hours, 10 to 12 a. m. and 7 to 9 p. m.

J. H. FAULKNER, Dentist, Ashtabula, Ohio. Office hours 10 to 12 a. m. and 7 to 9 p. m.

MISCELLANEOUS.

F. F. GOOD, Wholesale and Retail Dealer in all kinds of Coal and Lumber, Sewer Pipe of all sizes, Office and yard at Center street railroad crossing, Ashtabula, Ohio.

ASHTABULA & PITTSBURGH RY.

CONDENSED TIME TABLE—May 10th, 1880. Going South.

Stations.	Stations.	Stations.
Ashtabula	Harbor	1:00
Ashtabula	Harbor	1:15
Ashtabula	Harbor	1:30
Ashtabula	Harbor	1:45
Ashtabula	Harbor	2:00
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Ashtabula	Harbor	10:30
Ashtabula	Harbor	10:45
Ashtabula	Harbor	11:00
Ashtabula	Harbor	11:15
Ashtabula	Harbor	11:30
Ashtabula	Harbor	11:45
Ashtabula	Harbor	12:00

BOOTS & SHOES!

Seven Reasons why
N. S. SMITH, 145 MAIN STREET,
Can Sell Boots and Shoes
Cheaper than any one else:
1 Buys all his Goods for Cash.
2 Has Small Expenses.
3 Gives his entire time to the Boot and Shoe Trade.
4 Buys Direct from the Manufacturer.
5 Don't Forget the Place.
N. S. SMITH, 145 Main St.
NEXT TO THE BANK HOUSE.

SHOES!

Approaching New York from the ocean, the first objects distinctly seen from a vessel's deck are the mighty granite towers of the Brooklyn Bridge, standing like silent sentinels upon either shore of East River, and from any point of observation overlooking the two cities, they are prominently conspicuous.

At the present time nearly 100,000,000 persons annually pass between New York and Brooklyn upon the numerous ferries. During certain seasons of the year fog delays and ice prevents the passage of the boats—hence the bridge—the most stupendous piece of engineering of its kind in the world. It was designed by Robbing, who also planned the suspension bridges at Niagara and Cincinnati.

The supporting tower on the Brooklyn side is just north of the Fulton Ferry house; the New York tower is near the foot of Roosevelt street. The bridge may be divided into five parts: the central span across the river from tower to tower, 1,995 feet long; a span on each side from the tower to anchorage, 840 feet long; and the approach from the terminus to the anchorage on each side. The whole length of the bridge will be 3,675 feet—something over a mile and a quarter. It will be 83 feet wide including a promenade of 12 feet, this width will be only between the two anchorages, from thence to the terminus it will be 100 feet wide. It is intended to accommodate two railroad tracks and four wagon tracks.

It is intended to propel the cars across the bridge by means of an endless wire rope, to be driven by a stationary engine placed under the bridge in New York, and Prospect streets in Brooklyn. This mode of propulsion is in use in San Francisco, and is meeting with marked success. It is expected that the transit of the entire bridge will be made in four minutes.

From high water mark to the floor of the bridge in the center will be 135 feet in summer and 137 in winter, so that general navigation will not be impeded. Even at this height it has been found to interfere with some vessels, and in order to pass under the cables they must lower their topsides.

This spring it was charged that the engineer had not complied with the terms of the act of Congress authorizing the building of East River, and that the cables would not swing over 135 feet above mean high tide. A commission was appointed by Congress to ascertain by actual survey, the fact of the matter, and found no violation of the terms.

The central and two side spans will be from four cables of steel wire, each 16 inches in diameter. Each cable is composed of between 3,000 and 4,000 wires, each wire was drawn across the river singly. These wires, more than 20,000 in all, were regulated as to tension, and placed singly, and notwithstanding the four enormous cables into which they have been bound, have a span of nearly 3,000 feet from anchorage to anchorage, the total variation from exact level that the Government Commission found in the four cables is only a quarter of an inch. These cables have a deflection of 125 feet between the towers.

Each tower set immediately upon a caisson sunk to the rocks beneath the river, the Brooklyn side is 45 feet, and on the New York side from 20 to 22 feet below the surface of the water. The towers erected upon these foundations are 132 feet in length by 66 feet in width at the water line, below the upper cornice at the top these dimensions are reduced by sloping off at intervals, 120 feet by 40 feet. The total height above high water of each tower is 208 feet. At the anchorages, each of the four cables after passing over the towers, enters the anchor walls at an elevation of nearly 80 feet above high water, and pass through the solid masonry, a distance of 20 feet, at which point a connection is formed with the anchor chains. Each anchorage contains about 35,000 tons of masonry. The spans from the anchorage to the towers will be suspended to the cables, and carried over the roofs of the houses underneath. The Brooklyn terminus at South st. is 65 feet above high water, that at Chatham st., New York, is 63 feet above high water.

The work on the approaches to the structure are of massive masonry. That on the Brooklyn side is nearly completed. In the New York approach the arches are completed to William st. From Chatham st. to the center of the bridge, the inclination will be 2 1/2 to the 100 feet of roadway, from thence to South st. in Brooklyn the inclination will be 3 1/2 feet to the 100.

The New York approach is a succession of magnificent arches, nearly every arch covers about the space occupied by an ordinary three story house of 25,000 feet in dimensions. These spaces are morticed for beams that may be inserted by the lessees of the warehouses, the spaces under the arches being intended for warehouse purposes. These warehouses will be absolutely fire proof, the walls being six feet thick, laid in cement. On the New York side there will be over 30, and on the Brooklyn side, 11 of them.

Many historic buildings have been destroyed upon the New York side to make way for the approaches. A good work has been done in clearing out this portion of the swamp, as it is called, for nearly every building back of Chatham st. had gained notoriety by reason of some murder or other dark crime committed therein, many newspaper offices had disappeared and only the News remains on the path, this, too, to disappear in a few days, it having been purchased for \$11,000.

The original cost of the bridge was to be \$50,000,000. It has already cost \$14,000,000 and the end is not yet. The builders propose to open the bridge for travel July 4th 1882.

CLOSING OUT SALE

AT THE
ERIE STORE!

For thirty days we will sell everything at an
UNUSUAL REDUCTION
from June prices, especially anything in the
SUMMER GOODS!

We will not part for cost.

This week we offer Five Cases of
DRESS GOODS!
at 20 cents, which are very much
Below Value!

And will well repay inspection.

KEPLER & CO.
Ashtabula, July 13th.

NEW CASH STORE!

COLLINS & STEVENS,
HAVE JUST OPENED A NEW STOCK OF
Desirable Fall & Winter
DRY GOODS!

—AND—
FANCY GOODS,

Which for Style, Durability and Cheapsness have never been surpassed in Ashtabula. Ladies, you will find Positive Bargains at this store! There has never been presented a more Attractive Stock to select from, and every thing is New and Fresh. Not an old thing in stock! Do not forget the place. Geo. Willard's Block.

Three Doors South of Post Office.
GEO. E. STEVENS. JOHN W. COLLINS.

A TARIFF FOR REVENUE ONLY.

The above sentiment of principle is strictly a Democratic one, and is one of the most conspicuous ideas in the National Democratic Platform. It is therefore a question of great interest to the American people—what is the scope and meaning of this sentiment?

All tariffs are for the purpose of raising revenue, and are a tax on the people. All revenues are raised by taxing the people in one way or another, except the little which comes from the sale of the public lands.

Internal Revenue comes from taxes laid on whisky, tobacco and a very few other articles—such as matches, bank checks, proprietary medicines, etc.—and amounts to some 116 millions per year. The revenue from tariff comes from duties on or tax on various imported articles, and since 1861 these duties have been so graded as to favor American manufactures and products. In 1840—when Polk was President—a tariff for revenue only was adopted by the Democratic majority. The main feature of this tariff was a high ad valorem duty on articles of prime necessity, and on all classes of people. For instance, on the various species the duty was 40 per cent. ad valorem, on clove, nutmeg, nutmegs, cinnamon, ginger, figs, dates and nutmegs, 30 per cent. ad valorem, on sugar, molasses, etc., 30 per cent. ad valorem, on coffee, 30 per cent. ad valorem, on tea, 30 per cent. ad valorem, on silk, 30 per cent. ad valorem, on wool, 30 per cent. ad valorem, on iron, 30 per cent. ad valorem, on steel, 30 per cent. ad valorem, on copper, 30 per cent. ad valorem, on brass, 30 per cent. ad valorem, on tin, 30 per cent. ad valorem, on zinc, 30 per cent. ad valorem, on lead, 30 per cent. ad valorem, on silver, 30 per cent. ad valorem, on gold, 30 per cent. ad valorem, on platinum, 30 per cent. ad valorem, on diamonds, 30 per cent. ad valorem, on pearls, 30 per cent. ad valorem, on rubies, 30 per cent. ad valorem, on sapphires, 30 per cent. ad valorem, on emeralds, 30 per cent. ad valorem, on garnets, 30 per cent. ad valorem, on topaz, 30 per cent. ad valorem, on amethyst, 30 per cent. ad 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