GREAT RIVER DAM STRETCHING ACROSS THE SUSQUEHANNA HAS MADE HARRISBURG'S WATER FRONT ONE OF MOST BEAUTIFUL IN THE WORLD

BUILDING A DAM ON SINKING SAND A RIVER'S STORY

Construction of Susquehanna Obstruction at Dock Street Marvel of Engineering

SOME "DENTAL" WORK

Quick-Sands Bridged by Use of "Floating" Foundations of Concrete For Piers

Overheard the hottest July sun of years blazed down on the little knot of men far out on the river's bosom.

"We're down the river's cosom.
"We're down three feet below the
foundation level now, Cowden," said
one of the men to the inspector, "And
we ain't touched bottom yet."
The drill plunged again. Down,
down another two feet or so through
the yielding bottom of the river went
the steel rod.
"No use, we can't reach anything,"
finally reported a dripping workman

of the flat. "We've hit a bed of quicksand!"
That, in brief, is the story of one of the stiffest engineering problems the board of Public Works had to flace—and solve—in the construction of the great river-wide hollow concrete dam across the Susquehanna at Dock street. It is another one of the big public improvements that has helped place Harrisburg on the map of the world. Incidentally it's another reason why Harrisburg is planning to celebrate ths week—and setting aside three days to do it.

The First Big Improvement

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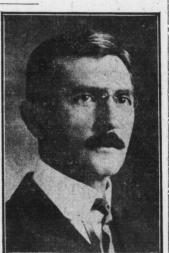
HOUSE MAY NOT REST ON FOUNDATIONS OF SINKING SANDS, BUT A DAM CAN



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IN THE COFFER DAMS

One of the first improvements authorized in Harrisburg's fifteen-year improvement campaign was the construction of the dam across the Susquehanna at Dock street. While \$65,000 was originally voted for the purpose in 1901, extra work cost considerable and eventually ran the total up to about \$77,000. The dam is practically completed and represents a new type of construction for this section of the country—"the hollow concrete" type. While the dam will insure a four-foot rise of water at its breast all the time with a depth graduating a few inches at Maclay street even in extreme low water, there will be sufficient current all the time to push a thin sheet of flow across the breast. Two big openings, one on the island, and one along the city shore, afford passage room for fish and boats—if any of the latter should wish to try it. The construction of the dam by the Frank N. Skene Company, developed a most serious engineering problem that was readily solved however by Joel D. Justin, principal engineer of the board of public works. This was the bridging of the "quick sands."



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Hang Out That Flag!

Every flag and piece of bunting in the city should be hung on the outer wall at once. This is the time for universal rejoicing in Harrisburg and the rest of this week should be given up to a wholesome, rational celebration of what has been accomplished for all the peo-

2,000 ATTEND BIG **EDUCATION MEET** AT TECH HIGH '

Formal Opening of Municipal Celebration Marked by **Educational Session**

THINGS THE KIDS DO

Dainty Foods, Wood Models, Drawings, Compositions, Inspected by Hundreds

Featured with addresses by the city superintendent, president of the board of school directors, former educators of the city and county, a concert by the combined orchestras of Central and Tech High, while rooms and cor-ridors were lined with charts and maps illustrating the progress made in the city's public school system during the last fifteen years, the municipal celebration was formally opened in the Technical High school last evening. About 2000 persons were in attendance.

The program consisted of three parts-the concert by the combined school orchestras from 7.30 to 8.00; the educational program from 8.00 to one aducational program from 8.00 to 9.00, and the inspection of exhibits from 9.00 to 10.30. So delighted were the patrons as well as the players themselves, with the renditions of the combined orchestras under Prof. George W. Updegrove, that there is already talk of similar concerts during the holidays and next Spring. The orchestra was composed of 30 pleces.

Tell of School Progress

Tell of School Progress

The educational program, held in the auditorium, was in charge of H. A. Boyer, president of the school board. On the rostrum were seated the speakers, Superintendent Downes, Chairman Boyer, the board of school directors and the district supervisors, the Rev. James F. Bullitt pronounced the invocation. In an address on educational progress, giving a chronological review of the city schools during the last 15 years, Superintendent Downes dazzled his listeners with amusing statistics of how the school system has progressed. His address is printed elsewhere in the Telegraph. Prof. J. Howard Wert, principal for many years of the old boys' high school located at the place now occupied by Tech, was the next speaker. He stated that educational advancement is a continuous evolution, and that in enjoying the improvements of the present we should not forget those whose labors in years past have made these things of the present a possibility. Prof. R. M. McNeal, former county superintendent and at present connected with the State Educational department, was also reminiscent in his talk. "There is an increased interest in seeing that the work is practical, and that will fit the youth for better citizenship. The city has caught the spirit and has provided equipment for this end. Present public sentiment as carried through these plans suggested years ago," were among his remarks.

Home Makers vs. Home Breakers

Irritability, oversensitiveness, a disposition to worry over trifles, headache, dizziness—these are symptoms of nervous exhaustion, neurasthenia.

Very often the patient feels best and brightest at night. Rest seems to bring no refreshment, the nervous system fails to recuperate. This distressing condition is caused by worry more often than by any other one thing. Overwork and worry invite the disorder.

The treatment is one of nutrition

thing. Overwork and worry invite the disorder.

The treatment is one of nutrition of the nerve cells, requiring a non-alcoholic tonic. As the nerves get their nourishment from the blood the treatment must be directed towards building up the blood. Dr. Williams' Pink Pills act directly on the blood and with proper regulation of the diet have proved of the greatest benefit in many cases of neurasthenia. A tendency to anemia, or bloodlessness, shown by most neurasthenic patients, is also corrected by these tonic pills. Your own druggist sells Dr. Williams' Pink Pills or they will be sent by mail at 50 cents per box; six boxes \$2.50. Begin the treatment at once before your condition becomes

Two useful books, "Diseases of the Nervous System" and "What to Eat and How to Eat," will be sent free by the Dr. Williams Medicine Co., Schenectady, N. Y., if you mention this paper.—Advertisement