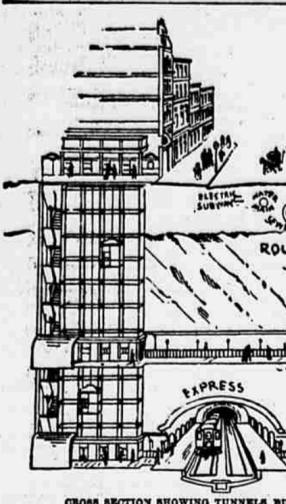


PROBLEMS OF TUNNELLING.

THE PROBABLE COST OF SINGLE AND DOUBLE TUNNELS UNDER BROADWAY.

Views of Capitalists and Engineers Upon the Difficulties of Raising the Money and Excavating for the Tunnels Proposed by the Rapid Transit Commission—Surveys to be Made at Once.



CROSS SECTION SHOWING TUNNELS BUILT ON THE PLAN OF AUSTIN CORBIN.

Commissioners have given the subject a great deal of consideration and have solved a difficult problem, so far as the physical situation is concerned, with great ability. Whether capitalists can be found willing to undertake the construction of an enterprise calling for the expenditure of so much money seems a question. But the Commission itself is composed of men of the largest experience—men like Mr. Inman and Mr. Spencer—who have had large experience themselves in securing money for similar enterprises. It was asserted at a hearing of the Commissioners that for a substantially similar route the old Arcade Company was secured for an equal sum, so it is not impossible, if that statement is correct, as I believe it is, that this venture will meet with the encouragement of capitalists.

The elevated railroads are capitalized at only \$1,000,000 per mile, including stock and bonds—a fair capitalization. For a structure costing about \$3,000,000 a mile, such a capitalization is completed by the Commissioners, a capitalization of \$6,000,000 a mile would be justified. At a five-cent fare it would seem that the revenues of the proposed road would have to be three times as great as the revenues of the elevated roads in order to justify the expenditure in realizing an adequate return on the capital stock. It is true that the stock would be a large extent water, but capital could hardly be secured unless the privilege of some capitalization beyond the actual expenditures for the road is secured. If 1,000,000 passengers could be secured to use the means of transit daily, the road would pay. Of course, this is an enormous average, nearly as great as the number now carried by all the longitudinal roads in New York put together.

The route will be less expensive than a viaduct would have been. An elevated railroad along Broadway would not be permitted, and I know of no result the Commission could have arrived at better than the one proposed.

There were some men who were confident that the total cost of building the road would not exceed \$40,000,000, and that it would be a great chance for capitalists. There were the men who were in the old Arcade Company and the City Railway Company. Mr. Melville C. Smith of the former company said that the syndicate which was organized to put up the money for the arcade road was still in existence, and that it would undoubtedly bid for the privilege of having the arcade road. Mr. Smith declared that the plan proposed was the plan that the Arcade Company had proposed.

Mr. Rowland R. Hazard, the President of the City Railway Company, said that behind his back he had been told that the plan proposed was the plan that the Arcade Company had proposed. He said that he had been told that the plan proposed was the plan that the Arcade Company had proposed.

LITTLE STORIES OF MOETKE.

THE FIRST LOVE OF A GREAT MAN. His name is Moetke. A Great Man. Moetke's first love was not the wife at his tomb he passed the summer nights of his last twenty years at Orlean. She was the beautiful daughter of Gen. von Bulow, Commandant of the Fortress of Ostria, in the days of Moetke's lieutenantcy. Moetke's love, and they were together as frequently as German propriety and Papa von Bulow would permit. For her sake Moetke took up dancing, an amusement for which he had neither taste nor talent, and which, after leaving her, he gave up in his endeavor to put aside all associations of his crushing disappointment.

The partition of the young lovers was due to the interference of the father, who was convinced by Moetke's personal appearance that he was consumptive and doomed to an early death. Moetke left, and only after twenty years returned in a queer and unexpected way. Moetke's father, Frederick Krause, and Partner Corey were not found for several days by the officers who tried to summon them before the Exchequer Commissioners. Krause and his daughter were at the hearing yesterday. The charges before the Commissioners were that liquor had been sold in the saloon on Sunday, but the allegation that Billy McClary, formerly of Army Hall, was a silent partner, and that nightly orgies were held in the saloon and in the rooms overhead, was of more moment than any for which legal proceedings are ever taken.

Abraham Hummel appeared as counsel for Lillie Krause. He requested that President Meakin permit another Commissioner to preside, as the President had publicly expressed the opinion that the license should be revoked. The request was denied and Agent Edward Adams presided. The hearing was held on Sunday morning, May 17, about 10 o'clock, with Mr. Moetke a companion, who was a doctor and a lawyer. About an hour and a half after the hearing, the doctor and the lawyer returned to the saloon, and the doctor and the lawyer returned to the saloon, and the doctor and the lawyer returned to the saloon.

Justice Taylor learned from the fact that the witness really meant to say that he had seen the witness in the saloon. Hummel tried to get the witness to say that he had seen the witness in the saloon. Hummel tried to get the witness to say that he had seen the witness in the saloon. Hummel tried to get the witness to say that he had seen the witness in the saloon.

M'GLORY'S BAD NAME DID IT.

MR. VAN DEREN'S GROOM. A Remarkable Story that He Led Up To Gently with Another One. DORR, N. J., May 27.—Simpson Van Deren, who lives over near Hibernia, and is extremely fond of fish, said last week that the crew on his way were entirely too cunning for him. They learned a trick or two last winter that he followed up yet, he said, and that is stealing bait from the hook. They both of them were a good bit when I was fishing on the pier for pickerel. On thawing days I used to hollow out little places in the ice and fill them with water to keep the bait hand in the tin and save toting the heavy kettle of bait around. The crew got onto the bait in short order and stole most of it. They were so bold and hungry that they would come within short gunshot to steal the bait. I kept my bait in the bucket after that and one day when I left the pond for an hour I came back and found some of the lines out on the ice and the bait gone. I then got another hole and put some of the bait in it and went back to the pond. I set all the lines again and stood near one of the lower holes when I saw a big crew of men on the ice. They were all dressed in heavy coats and hats, and they were all looking at me. I saw that they were all looking at me, and I saw that they were all looking at me.

THE AWFUL PUNISHMENT TO BE VISITED UPON IN-CORPORATE HUNG SING. Lawyer William F. Howe, who had a spat with Police Justice Taylor in the Tombs case, was fined \$100 for having appeared to defend the Chinese accused of gambling at 19th street, did not appear at the examination yesterday, and Charles Ju and Jim Gee, the alleged proprietors, were represented by Lawyer Joe Moss. The court room was crowded with Chinamen, but they were all looking at the judge and the lawyer. The judge was looking at the lawyer and the lawyer was looking at the judge. The judge was looking at the lawyer and the lawyer was looking at the judge.

ANOTHER GREAT WATERFALL. Has Just Been Discovered in Africa, and at High Water is a Wonder. Another big waterfall has recently been discovered. It was found by Mr. John Buchanan in a journey he made a few months ago along the southern frontier of Nyassaland. The falls occur in the Ruo River, which has flung the falls over a precipitous rock. The falls are about 100 feet high, and the water is very clear. The falls are very beautiful, and the water is very clear. The falls are very beautiful, and the water is very clear.

HE BROKE UP A LUNCH PARTY. The Father of an Injured Man Saves the Life of the Assaulted. KNOXVILLE, Tenn., May 28.—The negro Patterson, who shot two negroes, held up two white men, and then shot Fred Carpenter on Sunday, was this morning lodged in the Knoxville jail. It was arranged last night to lynch him, but Major D. A. Carpenter, father of the injured man, intervened and immediately set to work to prevent it. The names of the lynch party were known to him, and by personal appeal and by a letter to the Chief of Police, he succeeded in getting the lynch party taken to the jail. The lynch party was taken to the jail, and the lynch party was taken to the jail.

A FIRE FOR THE ALLAN LINE. Two Steamers a Week to Run from This Port to Liverpool. The Dock Commissioners yesterday leased the pier at the foot of West Twenty-first street to the Allan Line Steamship Company for ten years at \$25,000. The company has now a temporary pier in Brooklyn, and has long been trying to get a berth in this city. The pier at the foot of West Twenty-first street is the pier that the Allan Line Steamship Company has long been trying to get a berth in this city.

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GENERAL AMERICAN NEWS.

Unfortunate Events Monday—Gen. MacArthur Will Teach Gen. Bristow. SAN JOSE, May 10.—The official despatches from Tegucigalpa are quite in contradiction of the report that another revolution had broken out against the Government. It seems that a number of adventuresome and desperate men, who were organized as an attack on the general at Amapala, the Pacific port of Honduras, at 3 o'clock in the morning on May 6, Amapala is on Tigre Island, some miles from the mainland. There is a garrison there of ordinary size, and it being the port, there is quite a little town. Gen. Bristow, who was in command, the general, was mortally wounded in the struggle, and died in a few hours. The Honduras forces rallied to the general, and then the invaders ordered to possess themselves of the place. The general was killed, and the invaders were victorious. The general was killed, and the invaders were victorious.

FOREMAN FINNEGAN DEAD. His Autopsy Statement About the Explosion Near Tarrytown. TARRYTOWN, May 28.—Edward Finnegans, the foreman of the rank of Italian laborers who was blown up in the recent explosion of blasting powder on the New York Central Railroad between Irvington and Tarrytown, and who was himself injured by the explosion, died this morning in the Provident Home Hospital here from the effects of his injuries. Finnegans was the most important witness in the case of the explosion. He was the only one who was not injured. He was the only one who was not injured. He was the only one who was not injured.

THE SOUTH'S GREAT RICHES. Possibilities in Agriculture as Well as in the Home Industries of the South. Realized in America or Europe—The Resources and Potentialities. BALTIMORE, May 28.—Edward Atkinson contributes to this week's issue of the Manufacturers' Record a review of the South and its future, based on his recent trip through that section. Atkinson estimates that the South has a million square miles of land, and that it has a population of 10,000,000. He estimates that the South has a million square miles of land, and that it has a population of 10,000,000. He estimates that the South has a million square miles of land, and that it has a population of 10,000,000.

THE CONNECTICUT MUTUAL LIFE INSURANCE COMPANY aims by careful selection, economy, and prudence to reduce the actual cost of insurance to the lowest practicable point, and has never been surpassed in this respect. Ratio of expenses of management to receipts since organization, 8.51 per cent. The percentage of dividends to premiums received in 1900 was 25.98 per cent. It has a surplus of assets, over and above all liabilities (by the highest legal standard), of over six millions of dollars.

PHILIP B. MILLER, General Agent for New York City, Long Island, and New Jersey. A Wall St. New York City.

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