

NEW YORK'S MIGHTY TUNNEL

Underground Rapid Transit Takes the Skill of Fourcore Engineers.

TWO MILES OF SUBWAY UNDER WAY

How the Greatest Contract of Its Kind Ever Awarded is Being Carried Out—Some Precautions to Be Taken.

New York is putting \$25,000,000 underground. All that money is going into a hole in the earth.

London has an underground railway—a stuffy, poky affair, with constant elements of danger and panic attending possible breakdowns in the motive power.

In the first place, there is a great deal of popular misconception as to the exact nature of this huge subterranean affair.

Throughout the entire length the underground portions will be lighted electrically, though by a system entirely independent of that which furnishes the motive power.

The Engineer in Charge. One of the busiest men in New York today is William Barclay Parsons, the widely experienced chief engineer, on whom responsibility for this whole gigantic undertaking has been placed.

In all there will be twenty miles of railway, of which some three will be tunnel. The rest of this great stretch of track will be divided between subway, viaducts and "L" structure.

Down town, in Elm street, the work of digging down from the surface has been barely begun. At Tenth street and Fourth avenue there is a deep cut, and blasting is of daily occurrence.

Up at Thirty-fourth street and Fourth avenue something much more wonderful is to be seen. Here tunneling will be resorted to and the peculiar feature of this work will be the digging of a tunnel under a tunnel.

Up at Forty-fourth street and Fourth avenue something much more wonderful is to be seen. Here tunneling will be resorted to and the peculiar feature of this work will be the digging of a tunnel under a tunnel.

At this point will be one of the principal stations of the underground railway. Running under one corner of the pedestal will be a station 300 feet long, at which there must be every facility for handling the vast crowds that will entrain and detrain there on Sundays and holidays.

ond street to One Hundred and Ninety-Fifth. This is, roughly speaking, a distance of two miles. From One Hundred and Fifty-Eighth street every foot of the way must be carved out of the solid rock.

From One Hundred and Fifty-Sixth to One Hundred and Fifty-Eighth there will not be a rocky vault overhead. There will be a cut along these streets, and the portal of the tunnel stands at One Hundred and Fifty-Eighth street.

Through Solid Rock. At One Hundred and Eighty-First street a shaft has been sunk that is to be a part of the tunnel, standing at right angles with it.

One of the most welcome features about the rapid-transit system will be the running of fast express trains. While the local stations will be on an average from a quarter to a third of a mile apart, the express stations will be at least a mile and a half apart.

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TABLE AND KITCHEN. Practical Suggestions About Food and the Preparations of It.

Table with columns for Breakfast, Lunch, Dinner, and Supper, listing various food items like Cereal, Fruit, Cream, and Meat.

FISH AS A VALUABLE FOOD.

Qualities of the Principal Varieties—Breeding and Cooking. Well-authenticated tables show that the relative value of fish as compared to the meat of other animals, varies little in the essential nitrogenous matter.

Another strong point of recommendation is the fact that it is less stimulating than other meat. This, coupled with the knowledge that most fish are more easily digested than other meat, makes it a diet better suited for brain workers, children, those of nervous temperament and persons of weak digestion.

Fish Must Be Fresh. Fish, like eggs and table linen, must be above suspicion. To be wholesome it must be perfectly fresh.

What Shall We Have for Dessert? This question arises in the family every day. Let us answer it to-day. Try Jell-O.

Jell-O advertisement with logo and text: 'What Shall We Have for Dessert? This question arises in the family every day. Let us answer it to-day. Try Jell-O.'

ILER'S PURE MALT WHISKEY advertisement with logo and text: 'No time to pull the cork! Emergencies call for action. Judgment calls for Iler's Pure Malt Whiskey. Purity above suspicion.'

lant if he is careful to select foods suited to his work in the organs of fish are lacking in this stimulating quality, they being a nitrogenous food that is strictly nourishing.

Combined with Starchy Food. On account of the highly nitrogenous character of this class of food it should be accompanied by an abundance of starchy substances in order that a proper proportion of the heat-giving elements are consumed with the flesh formers.

It is impossible to name the many varieties to be found in all the markets of large cities at any season. Each locality has its favorites. In the south we find the sheep's head, shad, Spanish mackerel, crevalle and pompano reigning favorites.

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Pure Food advertisement with logo and text: 'None but Advertising of Thoroughly Reliable, Pure and Healthful Foods Will Be Accepted for These Columns.'

ABOUT BEER advertisement with logo and text: 'If you are willing to test our statements you can quickly settle the beer question. We claim to give you better and more beer than any other brewery. We believe our claims are based on facts. You'll get wine in a minute after the first trial. Our beer is GETTMAN'S NATURAL PROCESS BEER.'

WESSON'S ODORLESS COOKING OIL advertisement with logo and text: 'Goes Twice as Far as Lard or Butter! IT IS EASILY DIGESTED AND ALWAYS CLEANLY, WHICH LARD IS NOT. Wesson's Salad Oil is far greater value than the finest imported olive oil and has the same flavor. Ask your friendly grocer for it and save good money.'

BATTLE CREEK SANITARIUM! FOODS advertisement with logo and text: 'Glucose is used as sweetening in many foods. It is injurious. It is dangerous. Granut, one of the... is naturally sweet because it contains maltose, produced by the digestion of starch. It digests in the stomach and enriches the blood quicker than any other cereal food known. It builds hardy nerve and muscle strength.'

A Fortune in Cash Prizes

- First Prize \$1,000
Second Prize \$500
Five Prizes of \$100 each . \$500
Five Prizes of \$50 each . \$250
Ten Prizes of \$25 each . . \$250

The Twentieth Century Farmer

is an ideal agricultural and family weekly published by The Bee Publishing Company of Omaha, Neb., in magazine form, containing twenty-four pages or more.

It contains departments particularly interesting to the farmer, devoted to livestock, farm crops, the dairy, poultry yard, orchard and garden, farm machinery, veterinary topics and irrigation.

The farmer's wife too has her share of space with receipts and suggestions on cookery, dressmaking, fancy work, care of flowers, and matters particularly pleasing to her; while the children have a department edited for their exclusive benefit.

Everybody in the household will be eager for the stories and Frank Carpenter's letters, and all the good things that one likes to read after the lamps are lighted and the day's work is done.

How the Prizes will be Awarded.

These prizes will be awarded in a contest which any one may enter in securing subscriptions for The Twentieth Century Farmer. The contest will begin January 1st, 1901, and will end as soon as 10,000 orders have been turned in to the publisher by the contestants.

The person sending in the largest number of orders before the close of the contest will receive the first cash prize of \$1,000.00. The person sending in the next highest number will receive the second cash prize of \$500.00. The next five persons having the highest number will each receive a prize of \$100.00 each.

At least 1,000 persons ought to enter this contest. But say only 400 should enter. It would take only an average of 25 orders for each agent to make up the number and the one sending in the highest number will get the first prize, and so on. For this reason send in your orders early.

Good Pay for Your Work Whether You Win or Lose

You get a large commission, besides, for every order you turn in so that you will be well paid for the work you do in the contest whether you win or lose. Write to us for particulars and for sample copies, and also state that you wish to have your name entered in the contest, so that orders will be credited to you when you send them in.

The price of The Twentieth Century Farmer is one dollar per year. Every farmer everywhere wants it.

The Twentieth Century Farmer The Bee Publishing Co., Props. OMAHA, NEB.