

MORE ABOUT HUBBRICK CABLE

Active Work Has Now Begun for Foundation.

Will Be Most Ponderous Structure in the Yukon—To Be Ready for Operation Next Spring.

Work was begun yesterday on the tower which will support the east side of the Hubbrick cable ferry across the Yukon, and one has to but glance at the massive timbers now on the ground to gain a faint idea of the extent of the stupendous undertaking. The base of the tower will cover 2500 square feet, each of the four legs being 50 feet apart, the Colossus standing astride Front street in front of the Madden house and Townsend & Rose cigar store. The mud sills upon which the legs will stand are high sticks a foot thick, foot and a half wide and twelve feet long. They are being sunk in trenches ten feet in the ground and in addition to the mortice binding the leg to each other there will be massive bolts and bands of steel making it still more secure. As the depth at which the sills are being placed is way below the frost line, by the end of next winter the whole mass will be frozen as hard as granite and as immovable as a mountain. The legs of the tower are 16 inches square at the butt and taper to 12 inches at the top, reaching to a height of 125 feet above the street. By reason of their great height several splices are necessary and these will be strengthened by bolts and heavy bands of steel. The tower will be entirely open to height of 24 feet, thus not obstructing the view from any point. Above that there will be sway braces extending to the top.

The cable, which will rest in a steel saddle on top of the tower, will extend entirely across two blocks, over the roofs of intervening houses to Third avenue where it will be anchored in a manner to stand for all time. On the eastern side of Third avenue a huge trench will be sunk to bedrock, which is from 16 to 20 feet. The deadman to which the cable will be anchored will be, in fact, several deadmen together, a pile of the largest logs procurable aggregating six feet in diameter. Another smaller shaft will be sunk on the

west side of the street and the two opening will be connected by a narrow tunnel driven at a slight angle to correspond with that naturally taken by the cable when stretched and in position. The deadman of logs will be bound together by a massive chain 180 feet long whose links are seven-eighths of an inch in diameter. After passing twice around the anchorage the chain is brought out through the tunnel doubled and at the western shaft the cable will be attached to it. With the anchorage frozen in solidly it can thus be seen that in order for it to give in any manner the entire width of the street and probably 20 feet of solidly frozen muck would have to give also.

On the opposite side of the river the same steps will be taken to secure absolute solidity. A narrow tunnel will be driven in the mountain at the same height above the river that the tower stands and as soon as a solid formation is encountered a large number of two-inch holes will be drilled deep into the face. Into these eye-bolts will be led from which chains will lead in a cluster, the strain and weight of the cable being borne equally by each. Should the mountain be found to be in the least shattered, the tunnel referred to will be driven in 30 or 40 feet and at the end a crosscut will be run for 10 feet on each side of the face. This will be filled with heavy logs and employed as a deadman similar to the Third avenue anchorage.

The shives, or travellers as they are sometimes called, which run over the cable as the ferry moves back and forth, are made of solid copper, weighing 65 pounds to the pair, have ball bearings and are enclosed in a solid steel case. The use of copper shives has been found to reduce the wear on a cable to a minimum. A pair will last about six months. The cable is made of ploughshare steel, seven-eighths of an inch in diameter, and has a guaranteed breaking strain of 175 tons to the square inch. Allowing for a 35-foot sag in a 2000-foot span and the weight of the cable in addition there is still a breaking strain left of over 130 tons to the inch. The landing place of the ferry will be at the foot of Second street, adjoining the bank of Commerce. On the opposite side of the river a piece of road 300 feet long will have to be constructed along the bluff leading to West Dawson. Mr. Hubbrick has made a novel offer to the city. He has tendered the free use of the two upper stories of his tower for the use of the fire department, the upper story to be for the fire bell and the one beneath as a watch tower. As they will be 115

feet above the ground an unobstructed view of the entire city can be had.

"I have found but little or no opposition to my scheme," said Mr. Hubbrick, "in fact, nearly all the property owners in the immediate vicinity of the tower signed my petition to the council. As for the wear of the cable and its probable life, there is practically no end to the latter. By using copper shives the wear comes on them instead of the cable, they being of the softer metal. Then, too, a cable is thoroughly greased at least once a year with a lubricant made expressly for the purpose, and it tends to prolong its life. While I was outside last winter I made a thorough examination of a cable crossing the Columbia river near the mouth of the Yakima which I put up 12 years ago, and I found not the slightest evidence of any wear or tear."

Mr. Hubbrick states that the tower will be finished within 20 days and that everything pertaining to the ferry and its operation will be completed by the time the river freezes.

Just an Ordinary Steak.

"When in Hamburg, we supposed we must do as the Hamburgers did, so at our first meal there we asked for Hamburg steak," said the woman. "Besides, we wanted to see how that viand would taste upon its native heath, anyway. But to all our requests, couched in our best scholastic German, the waiter shook his head. Like many another prophet the Hamburg steak was apparently without honor in its own country. At all events, our waiter hadn't heard of it. 'Oh, well,' we said, 'just bring us an ordinary beef steak. But, lo and behold, when the meat was served there it was all chopped up and made into small cakes—what Americans call, in fact, 'Hamburg steak'!"

To Hamburgers a Hamburg steak was an 'ordinary steak.'—New York Sun.

Strayed Cattle.

Lost, 11 head of cattle and one calf, branded below hip, letter X. \$75 reward for location of same. Bay City Market.

Kodak films developed, 50 cents per roll. Kodak photos 12 1/2 cents each. Goetzman's.

Only best brands of case goods served. Drinks and cigars 25c. Pete McDonald, Bank saloon.

ROUGH ON IMBIBERS OPENING CITY STREETS

Liquor Dealers Would Raise Price of Drinks to Fifty Cents.

The principal saloon men of Dawson are endeavoring to force the price of drinks up to 50 cents. A meeting with this object in view was held at Baird's Rochester Bar, Third street and Second avenue last night with 25 of the retail liquor merchants in attendance.

There were those present who objected to the raise in the price stating that they had always run a 25 cent house and that they did not consider it advisable for them to increase the price at this time.

A committee consisting of Binet, of the Madden house; Spitzel, of the Reception, and Crahan, of the Exchange, was appointed to interview all of the saloon men and get them to agree to the proposed change. One of the Second avenue liquor merchants whose place of business has a large patronage, said to a Nugget reporter this morning that a raise in the price would be beneficial only to the First avenue saloon keepers who are under a much heavier expense than those on the back streets.

"I don't think," he continued, "that the price can be forced up as it would kill the trade of the saloon men on the back streets. My business is better than it was at this time last year and I don't think it would be advisable for me to join the combine as it would make all of my customers sore and cause me to lose the best of my trade."

Another subject which was brought up for discussion was the electric light expense and a committee consisting of Messrs. Jackson, Field and Powell was appointed to interview the electric light people and endeavor to get winter lights supplied at the same rate as the summer. This would mean a great saving as the light bills of the theaters and saloons are very heavy.

A further meeting will be held next week to hear the reports of the committees.

This hotel, 79 below Bonanza, will give a grand dance Friday, Sept. 13th. Everybody cordially invited. A good time assured to all.

RIVER PILOT HAS HIS SAY

Manager Darling Has But Few Friends Among Navigators.

"Will Mr. Darling be retained next season as manager of the navigation department of the White Pass & Yukon Route?" was asked a few days ago by a Nugget reporter of a well known and popular river man in the employ of that company. In reply the skipper said:

"I do not think Mr. Darling will be retained. I do not know whether it is inexperience, bull-headedness or lack of natural ability, but already Darling has cost the company perhaps nearly half a million dollars and it will cost an equal amount to remove the hogdoo which is now attached to the company. But I do know that if Darling is retained another year all the pilots now in the company's employ, all the men who know the river and run the boats, will look elsewhere for positions. A few of the figureheads who are carried to satisfy the law might remain but a four acre field full of such men could not bring a steamer from Whitehorse to Dawson. We men who operate the boats have had enough of Mr. Darling to satisfy us for all time to come, and in my opinion the company has also had all of him it wants. I know the company is unpopular and I do not blame people for not patronizing it; but it is none of my business. I was not hired to drum up patronage for it. My business is to keep the boat going and off sandbars and rocks. The figurehead captain is to satisfy the law and I am to satisfy the passengers and keep the boat in the channel."

An \$8,000,000 Fortune.

New York, Aug. 28.—Henry Dolan, who died in this city a few days ago, left an estate valued at \$8,000,000. He had no near relatives here and his property is to go, it is understood, to his niece, Mary L. DeForest, of Irving, Marshall County, Kansas. She is the daughter of his only brother and is an old woman now with several grown sons and daughters.

Mr. Dolan was past 80 and eccentric. He was also philanthropic, the negroes being his special favorites when it came to dispensing charity, and he always gave with a free hand. It is estimated that he gave away hundreds of thousands of dollars. Mr. Dolan for the past 30 years has been a recluse, living most of the time at the Union Club of which organization he has been a member since 1862.

Taken Up.

A bay horse about eight years old, 1200 pounds weight, good condition, bleached on one hind foot. Came to my barn Sunday, September 8th. Owner can have same by calling and paying expenses.

W. B. FERRILL,
1070 Cor. Fourth Ave. and Sixth Street.

Some Commendable Work Lately Done in That Line.

Local Superintendent of Public Works David Macfarlane is deserving of the warmest commendation for the efforts he is putting forth toward opening up and making passable a number of the lateral streets in the residence portion of the city. Some weeks ago the opening up of Fifth avenue was completed, the bigger heads, stumps and underbrush being removed and in many instances depressions were filled with gravel, the street from Sixth street north to the Klondike river making an ideal boulevard for winter use. Following the completion of Fifth avenue the workmen were transferred to Seventh avenue and from Third street south it likewise has been grubbed out and drains constructed on either side of the street. The head of First street was the next to receive attention. A drain on each side of the street with proper culverts at all crossings has been put in from the extreme eastern end of the street at Ninth avenue westward for several blocks.

Yesterday similar work was begun on Eighth avenue at the intersection of First street and it will probably be continued south beyond Mission street.

Several very handsome residences have recently been constructed on Eighth avenue, which situated as it is where the hill begins its more abrupt ascent is thought by many to be the most desirable residence portion of the city. Previous to the work of drainage being begun the street in many places was but little more than a bottomless morass, and the first few days after the First street ditches were put in they ran nearly a sluce head of water each. The greatest benefit to be derived from them, however, will be next spring when the snow begins to disappear. At such times the side hills are fairly deluged with water, but with the drains constructed this year in good order the surplus can be easily handled and there will be no danger of the lots at the foot of the hill being flooded.

CONSTANT DANGER

Lurks Around the Pedestrian Who Travels in Darkness.

A citizen complains at the Nugget office that now that darkness prevails in the early part of the night and that it comes earlier on each succeeding evening, the absence of street lights is painfully apparent and especially is their absence noted on corners where there are no sidewalks and where open ditches and other menaces to limb and life confront the groping pedestrian. Even in many places where lights were located last year they have been taken away and darkness now prevails. It will be remembered that two or three very serious accidents resulted last year owing to the absence of street lights at dangerous points, one lady being in the hospital eight months as the result of a crushed limb occasioned by falling into a deep but open ditch. It is suggested that the authorities should act at once in the matter of providing street lights.

Habits of Insects.

There are certain insects that have such a respect for Mrs. Grundy and are endowed with such an innate love of neatness and order that not even death, or rather decapitation, can prevent them from making one grand final toilet, which is clearly designed to give them a sedate and respectable appearance after death.

Dr. Ballion, a skilled entomologist, discovered this remarkable fact. "During one of my recent horseback rides," he says, "I frequently caught one of those large flies which annoy cattle and horses so much and I promptly got rid of it by crushing its head. One day, instead of throwing the mutilated insect away, I played it on the back of my hand and indolently watched it. For some seconds the insect remained motionless, but then, to my surprise, it moved its front legs forward to the place where the head should have been, and, after it had rubbed them nervously together, apparently in anguish, it began to brush its body and to smooth its wings with its hind legs. Under the gentle pressure of these limbs the body gradually became extended and the extremity curved, while the wings gradually changed their natural position and left the upper part of the body exposed. Meanwhile the hind legs continued to brush each other from time to time."

"Naturally I watched this extraordinary sight with great interest, and, in order to see the finale, I took the insect into my study, where it lived an entire day, spending the time at the ungrateful task of making its own funeral toilet."

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