

THE TECH

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TECHNOLOGY TRACK SQUAD, 1908

BRIDGE DISASTER DUE TO FAULTY LATTICING.

PROF. SWAIN TELLS CIVILS.

Quebec Cantilever should also have been more Extensively Riveted.

Before one hundred and fifty members of the Civil Engineering Society at the Union Monday night Prof. Swain gave a talk on bridge building with special reference to the Quebec bridge disaster. The talk included discussion of the sizes of bridges now in existence, the different types of bridges, methods of erecting them, the English and American systems of designing and building, and lastly, the collapse of the Quebec bridge and the lessons to be learned from it.

The Quebec bridge was being built by the Phoenix Bridge Company and was designed by some of the best engineers in the world. On August 27, 1907, the first cantilever and one half the middle span being then completed, the entire structure, weighing 17,000 tons, fell. It has been proved that the materials used and the workmanship were of the best and that the fault lay in the designing.

The primary cause was in the faulty latticing of the cords, which was far less in proportion to their extra size than had always been the practice of construction. Then, too, fewer rivets were used in the latticing than ordinarily. These two mistakes pitched the bridge into the St. Lawrence.

Professor Swain said that this was the greatest of all engineering failures and that much is to be learned from

ELECTION OF CHASE CAPTAIN.

The newly formed Lare and Hounds Club will begin its active life Friday with the annual election of officers. There are two offices open to election, that of chase captain and that of assistant chase captain. In the days of the old Cross Country Association there was no assistant.

MANY NEW STUNTS BY TECH GYMNASTS.

EXHIBITION COMES FRIDAY.

Exceptional Work on the Side Horse and High Bar.

The gymnastic exhibition Friday promises to be a great success. President Noyes, Dean Burton, and a large number of the faculty have signified their intention of being present.

Numerous new stunts which have seldom been accomplished by previous Tech gym teams are now being practised daily. The program for Friday night includes wrestling by H. O. Jenks 1909, and A. M. Coleman 1908, boxing by G. Schobinger 1908 and F. A. Burton 1909, and by H. O. Billings 1910 and S. Chase 1910, and bouts by some of the members of the fencing team.

Darrow, Howell, Gott and Schobinger will appear in the majority of the events, while Cary, considered as one of the best men on the side-horse in

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COURSE I SENIORS TO DESIGN BOSTON SUBWAY.

OTHER THESIS WORK.

Important Engineering Matters Being Investigated.

In civil engineering many matters of deep local interest are being worked out in theses, while those of timely importance abound throughout.

One of interest to the merchants of Massachusetts Avenue and in Cambridge, together with the mayor of the city and the Boston Elevated R. R. is a thesis being carried on by C. D. Putnam and G. A. Quinlan with the title "A Review of the Boylston Street Bridge over the B. & A. R. R. Tracks, Boston, Mass.,

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FRESHMEN LEAD OFF IN BASEBALL SEASON.

GAME THIS AFTERNOON.

Will Play Noble and Greenough at their Field.

The freshman baseball team will run up against its first real competition this year when it meets the Noble and Greenough team this afternoon. The game will be on the latter's grounds.

For some time the team has been working and has been engaging in practice at the Field. Some very good baseball players have shown up and the outlook for the season is far from dark.

Little can be told about the two teams which will meet this afternoon as neither have played as yet any games. The freshmen will be at a little disadvantage on account of the lack of organization.

The line-up will be as follows:—McLoughlin, catcher; Odell, first base; Williams, catcher; Covill, center field; Parker, short stop; de Florez, third base; Shatz, right field; O'Neil, left field; Johnson and Van Syckle, pitchers. The substitutes who will be taken are Osbourne, Kenney, Maguire, Yearance, and Blume.

ARCHITECTS PLAN RECEPTION.

At a special meeting of the Architectural Society yesterday afternoon, it was decided to have a reception and exhibition during Junior Week. The reception that the architects gave last year was one of the most successful of Junior Week festivities.

Tomorrow afternoon, the rival ateliers of the department will settle all bets and scraps by a baseball game at the Field. "Monty's Mugs" will play "Pop's Pups" in the first of the championship series.

1911.—The following men will report on Rogers steps today at 2.30 for the game with Noble and Greenough: McLoughlin, Odell, Williams, Covill, Parker, de Florez, Shatz, O'Neil, Johnson, Van Syckle, Osbourne, Kenney, Maguire, Yearance, Blume.

TRACK SQUAD LARGER THAN EVER BEFORE.

ATTENDANCE REGULAR.

Work at the Field has been Going on for Some Time.

One of the largest track squads in the history of the Institute has reported for work this year. The large number however has been offset by the poor attendance of the men who have been coming out.

Little work was done yesterday on account of the bad weather and the small number of men out.

The men in the picture are: : Top row, Left to Right—Coach F. M. Kanaly, Manager R. W. Ferris, Cross Country Team: E. S. Hanna 1909, F. F. Bell 1910, M. R. Scharff 1909, W. O. Whitney 1911, D. V. Williamson 1910, E. C. Dolke 1911, Manager D. C. McMurtrie 1910.

Second Row—R. A. D. Preston 1910, H. J. Ruggles 1908, G. H. Magee 1910, A. A. Gould 1910, W. C. West 1911, W. Morrison 1908, S. M. Niles 1911, W. D. Allen 1911, L. G. Glazier 1911, K. R. Faunce 1911, D. R. Stevens 1911.

Third Row—E. S. Howe 1908, L. O. Mills 1910, J. H. Ruckman 1910, C. E. Greene 1910, C. L. Batchelder 1908, R. H. Allen 1909, F. Moore 1909, W. J. Seligman 1911, J. F. McCarthy 1909, M. E. Allen 1908, P. D. White 1911, H. Lockett 1910.

Fourth Row—G. B. Cummings 1910, G. Schobinger 1908, K. D. Fernstrom 1910, B. L. Gimson 1908, T. W. Orr 1908, Captain: R. Ellis 1909, Captain Cross Country: H. H. Howland 1908, L. D. Nisbet 1909, W. T. MacCreadie 1911.

Front Row—J. D. MacKenzie 1911, C. S. Clapp 1908, W. C. Salisbury 1911, C. F. Eldred 1911, L. C. Cooley 1911, R. H. Gould 1911, J. Schaaf 1909, G. B. Wilbur 1911.

Medford High School has announced its intention of entering a team in the annual Technology interscholastic drill. Medford has won three individual championships in past contests and one team prize.