I I

Tech Freshman, was the individual her opponents. It was only the eastern colleges, the trip was very Wednesday to compete with other
day more than one hundred thousand observations have been taken on the operation of trucks. These have been taken by means of special devices and have been made in all the large cities of the country.

From these observations statements and reports have been drawn up on the cost of operating the different vehicles. In these reports the expenses have been placed under the following heads: (1) Electricity, gas or oil; (2) maintenance, including tires or shooting, repairs, battery jumps; (3) garage or lubricants; (4) garage or driver and helper; the repair expense of the gasoline truck is about the same as for the small electric, but the repair expense of the gasoline truck depends upon the type of truck in service. The average mile age cost for the diesel electric truck is about sixty cents. The prime expense of the large electric trucks is about the same as for the small electric, but the repair expense of the gasoline truck depends upon the type of truck in service.

The question of the cost of operating vehicles has been the subject of a study of the cost of operating vehicles. The question of the cost of operating vehicles has been the subject of an investigation of the cost of operating vehicles. The question of the cost of operating vehicles has been the subject of an investigation of the cost of operating vehicles. The question of the cost of operating vehicles has been the subject of an investigation of the cost of operating vehicles.

For a complete report, illustrated

ESTIMATES COST OF OPERATING RESEARCHES AT THE INSTITUTE

TECHNICAL TRIP WAS GREAT SUCCESS

ARCHITECTURAL TRIP

The Naval Architectural trip, which had been booked forward to for so many weeks, and became at first a reality, and in now but a pleasant memory to the Architectural men who made the trip. The party, which consisted of Professor H. A. Everett and ten Cadets, left West Point Thursday evening at 6 o'clock, over the Fall River line. They arrived in New York the next morning, and after having breakfasted, started immediately for the Navy Yard. The men were met by Lieutenant Hannon of the Naval Academy, a former student of the Institute. He showed them through the yard and its points of interest, including the remains of the submarine engine. All the torpedo boat lost by

The party arrived at Philadelphia Friday night, and the next morning took the ferry and ferry to the Philadelphia Shipbuilding Company of the N. Y. The men here saw the good fortune to be on hand for the launching of a new ship, the Standard Oil Company's steamer "Vincennes," which was the party the to the V. C. and their sublimating plant, starting early the next morning for Washington.

Sunday afternoon was spent here in the capital, the different members of the party doing very much as they pleased. In the evening the whole party went to the Congressional Library and saw this institution by whatever he does.

As executive in charge of boys' work in the Associations of Massachusetts and similar nature. He is always an interesting speaker and is in great demand. He has a pleasant personality, which makes him popular wherever he goes. The posters must be judged and the contract with the Syndicate of the N. Y. C. A. C. A. For the coming year.

Mr. H. W. Gibson, State Secretary for the Mass., Tuesday, February 11, 1913.

The poster competition of the "Tech Show," which has been on the last seven weeks, will close tonight.

The posters are to be handed in at the Show office between 4 and 6 p.m., where there will be some one to receive them. All the posters must be received by Monday, February 14, 1913. The posters will be judged by some one outside the Institute. The posters will be judged by some one outside the Institute. The posters will be judged by some one outside the Institute. The posters will be judged by some one outside the Institute.

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THE TECH
BOSTON, MASS., FEBRUARY 11, 1913

E. E. SOCIETY TO MEET WEDNESDAY

Wm. McCloud, a Well Known New York Engineer, will speak before the Electrical Engineering Society at an important meeting scheduled to take place at the Union at 7:30 P.M. Wednesday February 15. It has been customary not to limit attendance to members of the society. Any member is invited, and it is expected that many will be present to hear the speaker.

Mr. McCloud is at present chief engineer of the Public Service Commission of the Second New York District. He was formerly connected with the New York Central Lines. In anticipation of the importance of his talk before the Tech students, several staunch engineers have expressed their intention of being present at the meeting.

THE TECH wishes every one the best of success throughout the coming term.

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THE TECH, BOSTON, MASS., FEBRUARY 11, 1913

INSTRUCTOR LEAVES.

F. Schneider to Take Position With Russell Sage Foundation.

Franz Schneider, Jr., W'9, instructor at the Massachusetts Institute of Technology, a young Lawrence, Mass., has resigned his position to accept that of sanitary expert to the Department of Surveys and Exhibits, Russell Sage Foundation. In addition to his work in lecturing and instructing, Mr. Schneider is also the health officer for the Western Union under a cooperative plan whereby the Institute in virtually the authority carling for the technical details of the public health work. The propose of this is to move the executive and laboratory work of adjoining towns and thus secure the best work, trained labor, and facilities and expert management for a small expenditure.

The co-operative work is now on between that Robert N. Hoyt, W'9, new health officer at Princeton, N. J., will devote all his time to the Massachusetts work. At Princeton Mr. Hoyt was particularly successful in his work on milk, publishing in the daily papers the bacterial counts of the dairies dealers who under such a system did not fail to try for a low count.

For the lecture work that has been carried on by Mr. Schneider, Professor J. C. Purdy, Professor of Biology at Geneva College, has been called and will be named assistant in biology.

CATHOLIC CLUB.

First Meeting of Term to Be Addressed by Fr. Cusick.

Wednesday night the Catholic Club will hold its first meeting of the new term, with Rev. Fr. Cusick as speaker. He will continue his talk on "Evolution," bringing forth the arguments that the adherents of the "scholastic" theory of evolution advance in support of their ideas. The officers of the club, every one who is interested in the hearing of a theory of evolution that expects to replace the theory of Darwin and of the man who followed Darwin's footsteps, to come to the meeting, or to eat with the members of the club in the upper room of the student center rather than detract.

At the last meeting of the first term Father Cusick said that the Catholic church and some of the best thinkers on the subject of evolution believe that the idea of one type of animal gradually changing into another was wrong and contradictory to the observations made by some anatomists. He said that the idea of a man who is an expert in the explanation of the reason for such a change taking place is wholly incapable of holding up the main theory which has been founded on the idea, and so it ought to be rejected and a different fundamental idea substituted for it.

At the talk Wednesday Father Cusick will explain this new fundamental theory and bring out the arguments which seem to favor it.

TECH MEN CONTRIBUTE.

Articles in American Year-Book Written by Graduates.

The American Year-book for 1912 includes contributions of five Institute professors: C. R. Locke, W. R. Schröeder, H. B. Wilson, W. H. Tingley, and Bradley Slaughter. The three professors are so well known around the Institute that they hardly need further mention. W. R. Schröeder, Tingley, and Bradley Slaughter, 96, are both graduates of Course III, and Prof. H. B. Wilson is now editor of the Engineering and Mining Journal. This is only one other illustration of the prominent places Technology graduates are filling in every profession.

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