TALK ON PIER WORK AND FOUNDATIONS

Subject: For M. E. Society Meeting
Of Interest To Men Of
Other Courses

Thursday afternoon the men who are taking Courses I, II, and X will have an opportunity of hearing one of the most prominent engineers in the country, Mr. J. R. Worcester of the J. R. Worcester Co., Consulting Engineers, will speak on "Heavy Foundations and Pier Work." Thursday afternoon at 4 o'clock in Rooms H, Engineering B.

Mr. Worcester has made a specialty of bridges and structural steel work. One of his many master achievements was the foundations and truss work of the South Station train shed. Another example of his work is the viaduct across the Charles River. Perhaps the most striking example of his work is the large bridge over the Connecticut River at Bellows Falls. This is a one-arch bridge with a suspended floor, and is the largest of its kind in the country.

Mr. Worcester has been president of the Boston Society of Civil Engineers. He has also done much important committee work in the Engineers' Licensing Commissions of many of our largest cities. With such a prominent speaker and with a subject of such vital interest to the members of Courses I, II, and X the committee is expecting a large attendance.

At this meeting it will be decided whether first term Sophomores will be admitted to the Society or not. This was to have been decided at a previous meeting which had to be postponed.

ELECTRICAL TALK

(Continued from page 1) time. At the present day there are on the books of the company the names of 62,000 customers, and 29,000 new meters have been installed this year. 128 automobile cables are used in the service department.

He told of the big step forward made in the transmission of electrical currents. About six years ago all the transformers were laid in the ground which was considered a great improvement over the old method. Now, for the first time in the country, cables armored with steel and lead are being laid directly in the ground. These are tested to twice the voltage for which they are intended.

Mr. Eldred mentioned as a significant fact that 80 per cent of the total amount of direct current electricity sold over an area of 69 square miles is consumed within a space of 300 acres.

He told the future engineers that one of the hardest problems encountered in practical life is that with which the company has had to cope, namely, that of finding men who have the ability to do the right thing at the right time. In order to test the ability of its employees the company once sent a false alarm. To reach all the men within a radius of twenty miles only thirty-seven minutes were necessary. All young men of transportation were required to try the men to reach their headquarters, and the last man arrived for duty on time. The last man was told that the train had been sent out. As another illustration of the efficiency of the company's organization, he told of the case of the Summer Street flood. The plant was under water for a week and a half, but the electric current for the surrounding district was only shut off for one hour and a half.

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THE TECH, BOSTON, MASS., DECEMBER 17, 1913.