

the leading engineering schools on the continent. It has made it possible to give a sound course in highway engineering. The appropriation asked and granted was \$6000., and the laboratory was satisfactorily completed within this appropriation.

(b) Hydraulics Laboratory. When the old Engineering Building was burnt in 1907, the hydraulics laboratory, an excellent one in its day, was destroyed. In the new building no adequate provision was made, so that a temporary laboratory was fitted up in a corner of the testing laboratory. This served to illustrate fairly well some of the principles taught, but it was quite inadequate. Although the department made many representations urging better facilities, there was no space available and so the laboratory fitted up as a makeshift was used for 16 or 17 years until the erection of the new electrical wing made it possible to find suitable space. The equipment, together with structural changes necessary, cost approximately \$40,000. Most of the new equipment was designed by members of the staff, and this laboratory too was completed within their estimates. Dependent as we are on the city water supply, it is impossible to install a hydraulic laboratory of the first class at the University site, as all the equipment must be on a relatively small scale. Visiting hydraulic engineers, however,