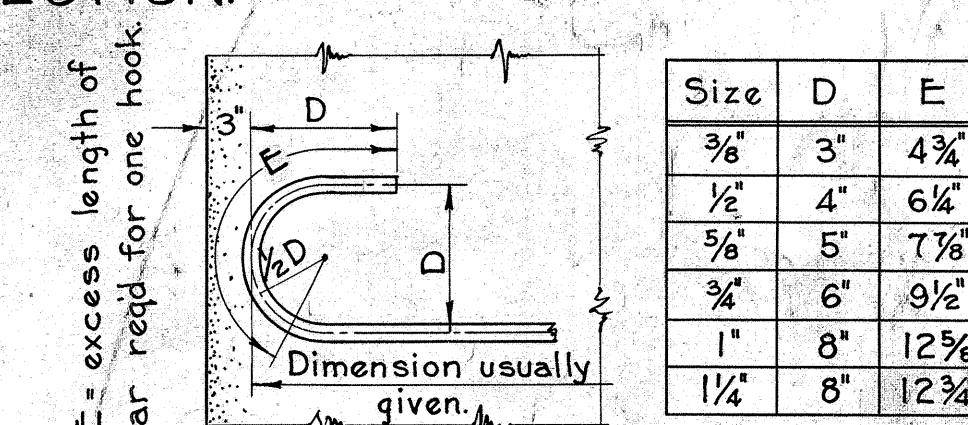


Reinforcing Steel: Allowable tensile stress 16000 $\frac{\text{psi}}{\text{in}^2}$. All steel to be round or square deformed bars - square twisted bars not to be considered deformed. All dimensions relating to reinforcement are to centers of bars. Where location of bars is not given they are to be placed three inches from adjacent concrete surface. Lengths of all bars unless given, are to be such as to reach a point three inches from the concrete face at their ends. Splices shall be approved by the Engineer and shall have a lap of forty diameters with splices staggered. Main longitudinal bars in girders cannot be spliced. No allowance has been made in quantities for extra weight of steel required for splices.

END ELEVATION AND TRANSVERSE SECTION.



HOOK DETAIL

TERRITORIAL HIGHWAY DEPARTMENT.
TERRITORY OF HAWAII.

WAWAMALU BRIDGE

KALANIANA'OLE HIGHWAY F.A.P. 6-G
April 1931.

SECTIONS THRU ABUTMENTS AND WING WALLS 4200.10