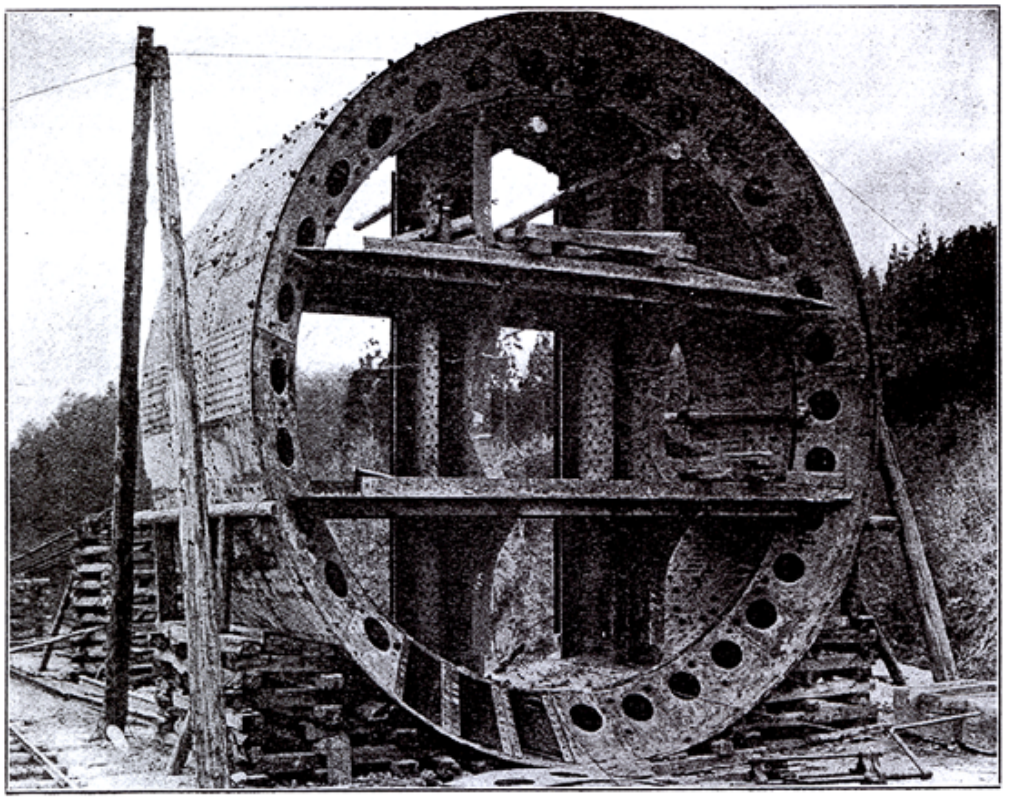
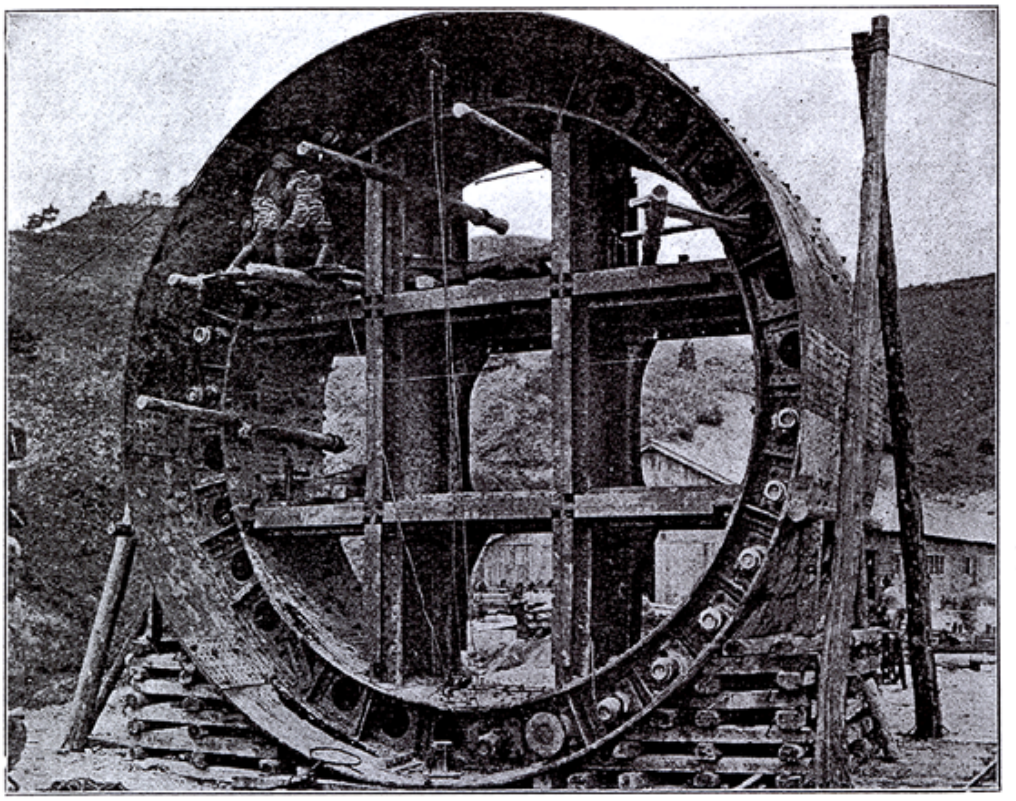
羽越北線第五工區折渡隧道一部直營工事用しーるど假組立ノ現況（大正九年四月三十日撮影）



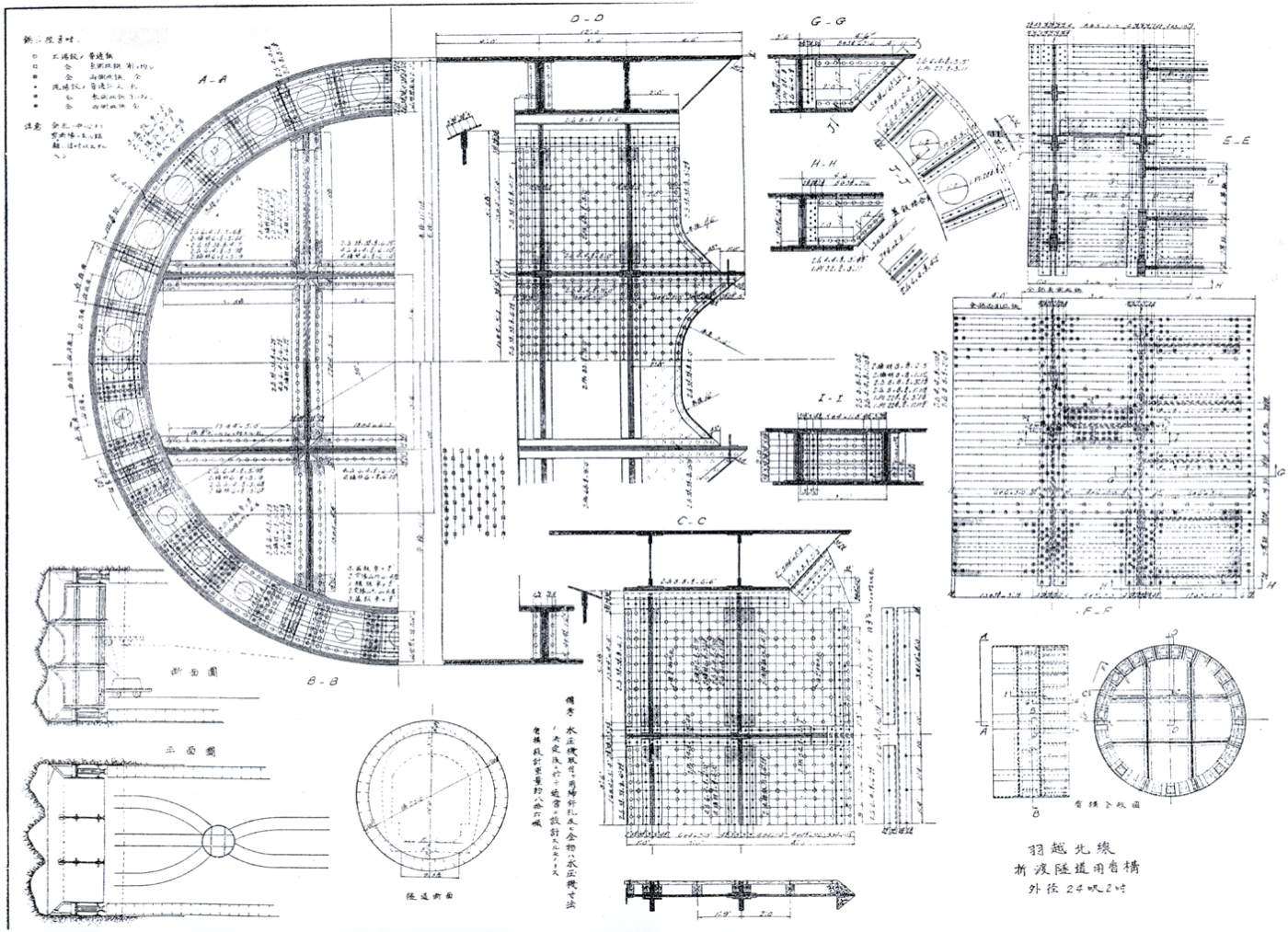
前面ニシテ尖端ノアル方



背面ニシテ水壓扛重器取付作業中

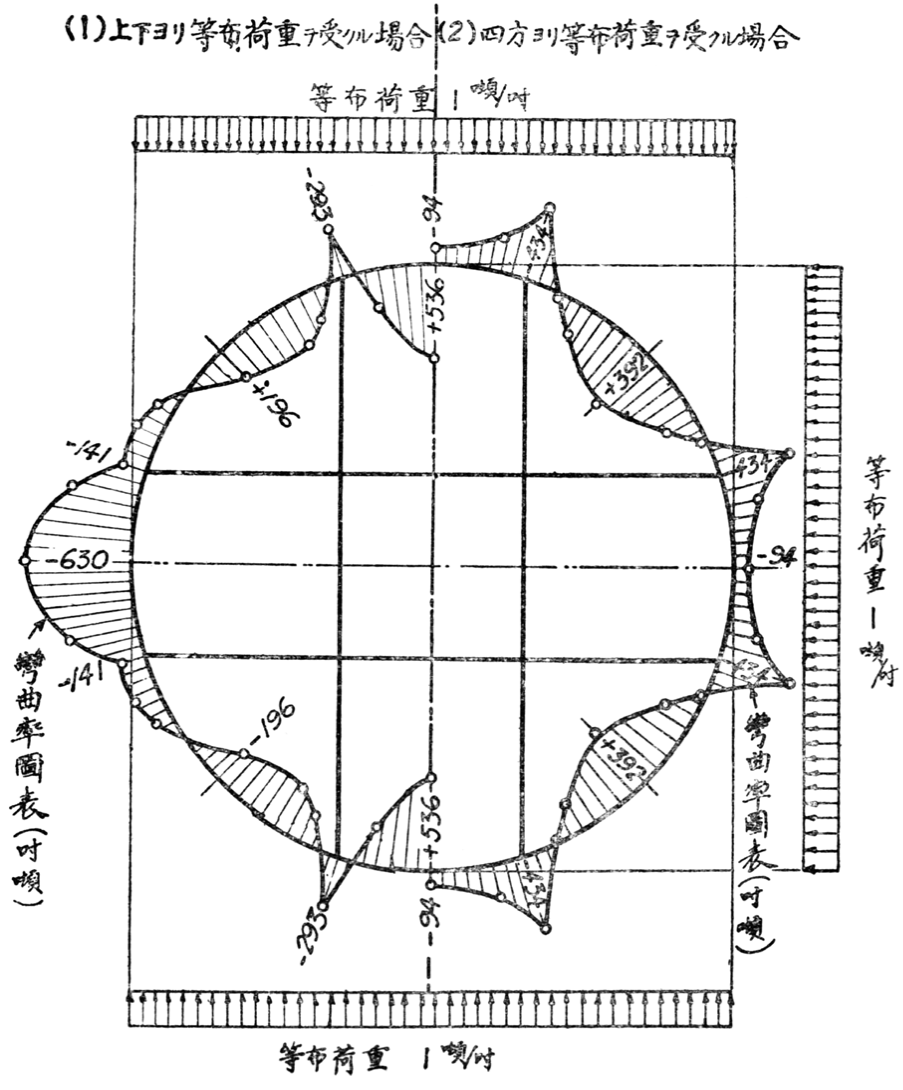
（土木學會誌第七卷第三號附圖）

附圖第一

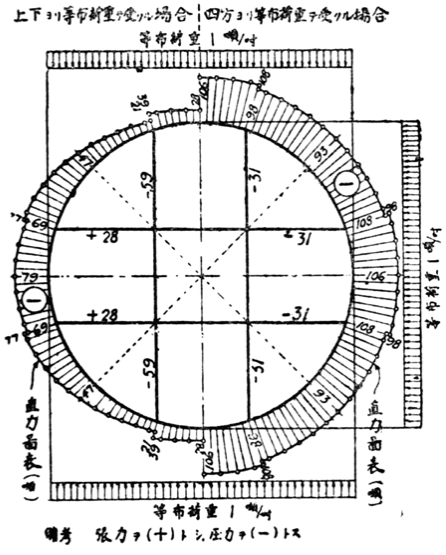


羽越北線
折渡隧道用看構
外径 24呎2吋

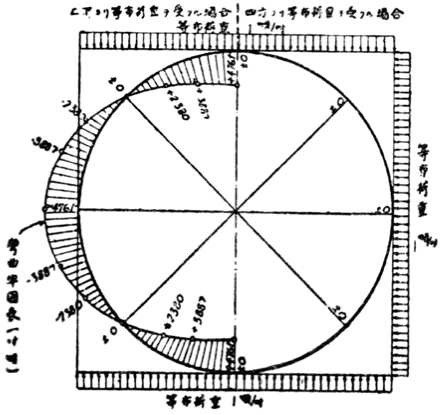
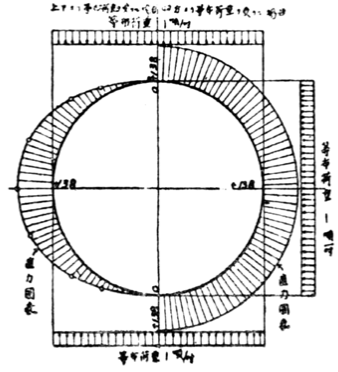
附圖第二　彎曲率圖表



附圖第三　直力圖表



附圖第四　彎曲率圖表
(井狀ノ結構ヲ無視シタル場合)



附圖第五　直力圖表
(井狀ノ結構ヲ無視シタル場合)