

pany has various circuits, no interruption has been experienced. The transmission lines have been entirely cleared for 20' on each side of the line, and all dangerous trees have been cut down. There is no surface blasting which can interfere with the lines.

The plan shown herewith gives the elevations of the various lakes and their relative positions, and the photographs show a number of views of the work during construction.

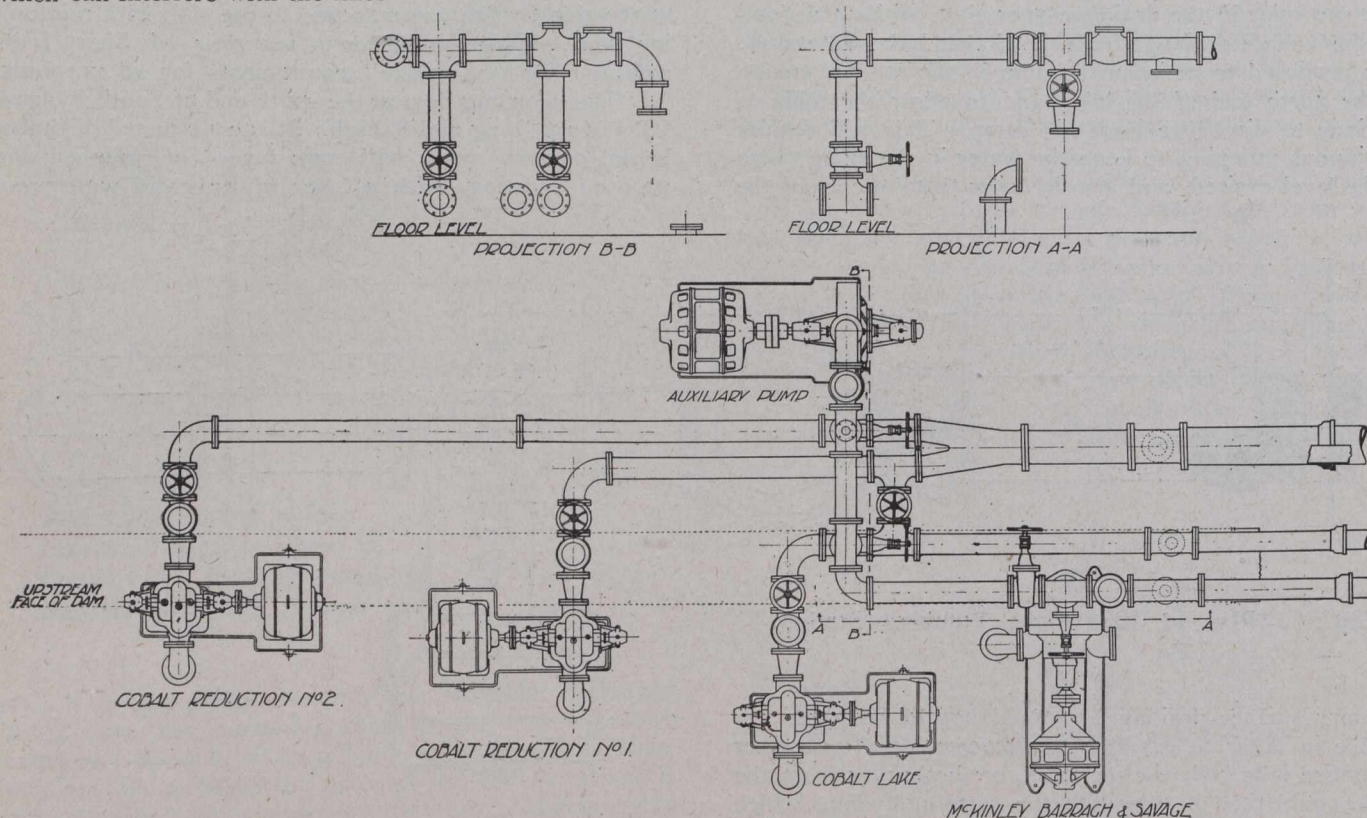


Fig. 8.—Plan of Short Lake Pumping Station.

PAN AMERICAN ROAD CONGRESS.

Among the men who are prominently identified with the good roads movement who will be asked to preside over the sessions of the Pan American Road Congress, which will open on September 13, are Governor Charles W. Gates, of Vermont; Logan Waller Page, Director, U.S. Office of Public Roads; Col. Wm. D. Sohler, chairman, Massachusetts Highway Commission; George W. Tillson, consulting engineer to the president of the Borough of Brooklyn, N.Y.; Fairfax Harrison, president, Southern Railway Co.; James H. MacDonald, former State Highway Commissioner of Connecticut, and W. A. McLean, Chief Engineer of Highways and Commissioner of Ontario Public Roads and Highways Commission.

Among other prominent men also identified with highway improvement who will be asked to present papers or open discussions are the following: Arthur W. Dean, chief engineer of Massachusetts Highway Commission; Charles J. Bennett, Connecticut State Highway Commissioner; Nelson P. Lewis, chief engineer, Board of Estimate and Apportionment of New York City; H. Elting Breed, first deputy commissioner, New York State Highway Commission; Col. Edwin A. Stevens, state commissioner of Public Roads of New Jersey; Wm. D. Uhler, chief engineer, Pennsylvania State Highway Department; Wm. H. Connell, chief, Bureau of Highways and Street Cleaning of Philadelphia; S. E. Bradt, secretary, Illinois State Highway Commission; Thomas H. MacDonald, Iowa State highway engineer; W. E. Atkinson, Louisiana

State highway engineer; Richard Henry Dana, president, National Civil Service Reform League; W. S. Keller, Alabama State highway engineer; Austin B. Fletcher, California State highway engineer; W. R. Roy, secretary, Washington State Highway Board; Frank F. Rogers, Michigan State Highway Commissioner; Dr. Joseph Hyde Pratt, secretary, North Carolina State Highway Commission; A. N. Johnson, road engineer, Bureau of Municipal Research of New York City; Geo. W. Cooley, state highway engineer of Minnesota; E. R. Morgan, state road engineer of Utah; J. E. Maloney, secretary-engineer, Colorado State Highway Commission; W. S. Gearhart, state engineer of Kansas; H. R. Carter, state highway engineer of Arkansas, and Lamar Cobb, state engineer of Arizona.

In addition to the presentation of topics covering practical problems connected with highway improvement, there will also be discussed such important subjects as "Determination of Justifiable Outlay for Individual Roads"; "Convict Labor for Road Work"; "Street Pavements"; "Reconstruction of Old Surfacing"; "Load and Tire Restrictions and Regulations"; "Motor Traffic: Its Development and Trend"; "Maintenance, Methods and Materials"; "Dust Suppression and Street Cleaning"; "Uniformity in Highway Statistics and Data"; "Merit System in Highway Work"; "Essentials of Legislation Governing State Highways"; "Highway Indebtedness: Limitation and Regulation"; and "Educational Work of Highway Departments."