

D-2 Required Data and Calculations

D-2.1 Street Flow Carrying Capacity

Submitted data shall include complete cross sections between property lines of streets at the proposed catch basins and of any streets which control the flow of water to the pertinent locations. Street cross sections shall indicate the following:

1. Dimensions from the street center line to the top of curb and property line.
2. Gutter slope at each catch basin.
3. Elevations for the top of curb, flow line, property line and street crown at each catch basin center line.
4. Curb batter.

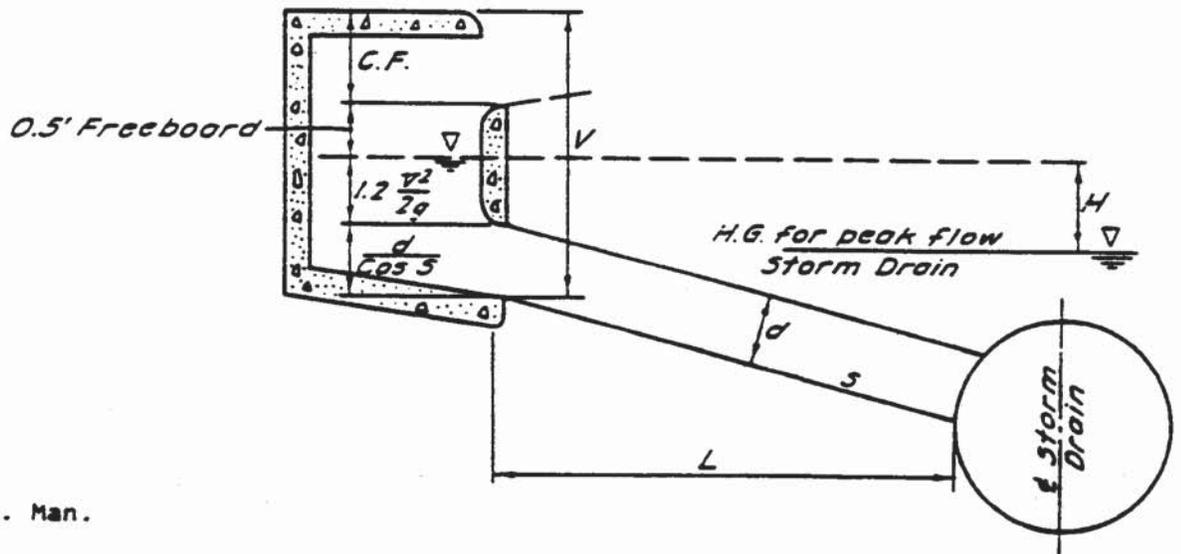
Please refer to Charts Nos. D-01 to D-08, inclusive, for nomographs giving street capacities for some typical street sections.

D-2.2 Catch Basin Size and Type

Size and type of catch basin shall be determined by physical requirements and by inlet flow capacities given in Charts Nos. D-10 to D-26, inclusive. Criteria used, if other than those recommended in this section, shall be cited and accompanied by appropriate calculations.

D-2.3 Connector Pipe and "V" Depth Calculation

D-2.3.1 Single Catch Basins



Hyd. Man.