

Plat the profile in the same direction as the line is platted on the map.

On location at all places where bridges or culverts are required take levels every 10 ft. on the centre line, measuring with tape, and 20 ft. either side (more if required) At culverts take cross sections up and down stream to cover length.

Plat these sections on cross section paper. See Site Plans or Ravine Sections.

Letters of the preliminary lines,

MAPS.

The following maps, profiles, etc., are required:

General map and profile 5000 ft. to the inch.

Detail map with topography, usually 400 ft.

to the inch.

Profiles on Plate A paper, preliminary, pro-

jected, location.

Tracing of Projected Profile. Grade line

inked in. of 10 mile sections.

Tracing of Location Profile. Grade line

Use water in pencil. for colors on tracings

Estimates of quantities from Projected Location.

Plot on " " " " Final in which

Site Plans or Ravine Sections 10 ft. to the inch.

Right of Way Map.

Estimates.

Tabulated Statement of physical characteristics

and costs. 15" wide, not over 36" long, length to

All maps must be kept up to date with the progress of the survey, and conform to these instructions.

in headquarters as soon as possible after survey is started.