

Send small tracings each week with report showing all lines run and any corrections or additions developed by the survey particularly the general drainage.

DETAIL MAP.

Plat on manila paper 400 ft. to the inch, unless otherwise instructed, continuous rolls 36" wide covering about 20 miles of line per roll. If any short sections require larger scale to develop details, plat on separate paper but continue 400 ft. map. Use care in starting map so that it will stay on the paper as long as possible. Keep edge of topography 4" from edge of paper. Don't paste pieces on the edge of the map to keep line from running off.

Plat map by laying off calculated course from a meridian.

Platting of preliminary lines must be checked. Usually they should be platted by the draftsman and checked by the Assistant Engineer. This is very important.

Ink in preliminary at once in red ink. Make small circles at angle points before drawing lines.

Show stations of angle points, and even 5 and 10 stations. Make short perpendicular dash,  $1/16"$ , at each station. Show magnetic variations at intervals of 25 to 30 miles from observations.

In platting topography, scale distances at each station and sketch between by eye, or use equally efficient method.

Ink in topography at once, even 25 ft. in heavier lines, contours in brown, streams or thread of valley in blue with arrow showing direction of flow, dotted contours below water in lakes and rivers. Buildings, fences, property lines,