

The SURVEYING INSTRUMENTS necessary for such a survey
are as follows:

- Transit Party - 1 engineer's transit, fitted for stadia work;
1 flat sighting rod, for back sight, 10, ft.
1 round sighting rod, 8 ft.
2 100-ft steel tapes (hoopskirt or band tape)
3 8-oz. plumb-bobs
marking crayons, red and blue
8-lb sledge and frost pin in winter
1 spare axe
2 brush hooks
1 fine steel tape, to be kept in camp for checking
lengths of tapes in use
1 stadia board
- Level Party - 1 Wye level and
1 level rod
Cloth tape and small hand-axe, with sheath and
belt
- Topographer - Hand level, cloth tape and
1 10-ft rod, $7/8"$ x $1-3/4"$, joint, with dowel at
center graduated in feet.