

CHRONICLES OF THE BUILDERS.

CHAPTER I.

COMMUNICATION PAST AND PRESENT—EBBETS, INGALLS, SIMPSON'S, AND OTHER EXPEDITIONS—BRYAN, LAMBERT, DICKERSON, AMARY, AND WARREN—WHIPPLE, WILLIAMSON, PARKE, AND POPE'S SURVEYS—THE THIRTY-FIFTH PARALLEL ROUTE—TABLE OF ROUTES, DISTANCES, ALTITUDES, AND EXPENSES—THE THIRTY-SECOND PARALLEL ROUTE—IVES' EXPLORATIONS ON THE COLORADO—EXPLORATIONS AND SURVEYS IN THE NORTHWEST.

IN the preceding volume of this series I have briefly sketched the earlier explorations and surveys of routes, the opening of roads, the establishment of steamship, stage, express, and postal lines, the modes of travel and transportation inland, overland, and by sea, the various projects for a transcontinental railroad, together with the measures introduced in congress for that purpose, up to the year 1853.

Resuming here the history of surveys, routes, and transportation, with such other topics as formed the subject-matter of the previous volume, I shall carry them forward to a recent date, thus presenting in outline this section of my work, from the aboriginal and pastoral era of the Pacific coast, when here and there an Indian trail or rough wagon-road relieved the solitude of wilderness primeval, until, in 1890, five overland railroads bore to and fro their twenty millions of passengers and their thirty million tons of freight. Whatever may be said as to the evils wrought by railroad monopoly, none will deny their