doubt, be built at an early day.

east. On the Nehalem are many square her share in the work of construction. miles of the choicest timber, which Astoria is built partly on a founda-

to build such a line, and that portion of location for that industry. With an it between Astoria and Seaside will, no abundance of the best material at hand, with splendid locations for ship yards, Centering in Astoria, is a large lum- and with complete exemption from the bering industry. There are three mills voracious toredo, which creates such in the city, and a number at points on havoc with wooden piling on Puget both sides of the river, which are tribu- sound, her advantages are great. A tary to this place, such as Knappton, large number of river steamers, tug Westport and Skamokawa. The supply boats, schooners and barges have been of logs is abundant and of the best qual- constructed here, and from two hundred ity. Besides receiving logs cut along the to three hundred fishing boats are conriver and brought down in rafts, the structed annually. When the American mills have the opportunity of tapping merchant marine begins again to be seen the huge forests to the south and south- on the ocean, this city will contribute

would be opened up by the proposed tion of piling, partly on a narrow bench road from Forest Grove, and by the line near the water, and partly on the hills down the coast. There is already a rising up to the southward. It is dividlogging railway constructed into the tim- ed into two towns by a high ridge which ber by J. C. Trullinger, proprietor of comes down to the edge of the water, the West Shore mills. The road is the two divisions being connected by a standard gauge, two miles in length, and long plank road say built on piling. penetrates a magnificent body of timber. The chief business houses, public build-The mills are turning out fifty thousand ings and residences are located in the feet per day, and are now engaged on a lower town, but Upper Astoria is excargo for Rio, consisting of nine hun- panding rapidly along the river, and dred thousand feet. The mills are pro- back upon the hill, a number of the vided with electric lights for night largest canneries being located in that work. The capacity of the road is two portion of the city. The population of hundred thousand feet of logs daily. In the two towns was given by the census the camp are ox teams and a steam log- of 1880 as five thousand eight hundred ger. The mills have large wharfing fa- and forty, including two thousand Chicilities, and can dock a vessel drawing nese. It approximates ten thousand twenty-two feet of water. Mr. Trullin- now during the fishing season. Many ger has a steamer for towing logs and of the fishermen depart for other places delivering lumber. Attached to the mill at the end of the season, while a large is a large box factory, with a daily capac- number of them have families and are ity of four thousand salmon cases or six permanent residents and property ownthousand box shoaks. He also makes ers. The city has a complete system of thousands of pickets and laths. This is water works, costing nearly \$100,000.00. one of the best equipped mills on the The reservoir has a capacity of three coast. There are two other mills and a million gallons, and gives a pressure of planing mill and sash factory in the two hundred and forty feet at tidewater, city, besides the outside mills previously through a large iron pipe eleven miles mentioned. Closely connected with the in length. Gas works, costing \$75,000, lumbering industry, is that of ship build- and having a capacity of twenty thouing. Astoria has a singularly favorable sand cubic feet, were built a few years