

During the past year work has been commenced upon this sewer by virtue of an Act of the Legislature of 1873-4. The territory to be drained is to pay for this improvement, and in general terms it may be described as that part of the city south of the Charter Line and north of Fourteenth Street. The issuance of bonds was authorized, the same to be a lien upon the land. For five years after the date of their issuance, the City Assessor is required to assess this property to pay interest on the bonds, and during the second term of five years a sufficient tax is to be levied to redeem one fifth of the total amount of bonds, annually. The tax is to be in accordance with the number of square feet of property affected, not according to its valuation. The area of the territory affected is fifty-two million six hundred and sixty-three thousand two hundred and twenty-eight square feet, or one thousand two hundred and eleven and one half acres. The entire cost of the work is \$165,000, and the assessments upon ordinary building lots will consequently be so small that they will hardly be felt, while the improvement will be almost invaluable. The specifications for this great work were prepared by T. J. Arnold, City Engineer, and regard was had solely to the permanence and durability of the structure, its cost being a secondary consideration. When the natural foundation is sufficiently solid, the sewer is to be of brick. It will be five feet wide and five and one half feet high, in the clear, the bottom is an inverted arch, of a recline of six and one half feet, the sides are vertical, the top is a semicircular arch. The length of the brick section is five thousand five hundred and eighty-five and one quarter feet. Where the foundation is not of sufficient solidity, the sewer will be of wood, five feet by five and a half feet in size, and these parts are of an aggregate length of four thousand three hundred and thirty-nine feet, making the total length of the sewer nine thousand nine hundred and twenty-four and one quarter feet. The brick section is to cost \$126,850, the wood section, \$38,150, these being the figures at which the contracts were awarded. There will be used two and one half million bricks and five thousand barrels of cement, and four hundred and ten piles are to be driven. At the date of this compilation, the work is rapidly advancing.

During the eighteen months ending June 30, 1875, the following street work has been completed :

| STREETS. | COST. |
|--|-------------|
| Polk from Washington to Railroad Av., grading, curbing, and macadamizing..... | \$ 1,982 11 |
| East Eleventh from Eleventh Av. to Thirteenth Av., grading, curbing, and macadamizing..... | 2,732 90 |
| Thirteenth Av. from East Fourteenth to East Sixteenth, grading and curbing..... | 1,063 81 |
| East Eleventh and Thirteenth Av., culverts and macadamizing..... | 372 80 |
| Thirteenth Av. from East Twelfth to East Sixteenth, culverts and sidewalks..... | 2,702 30 |
| Clay from Seventh to Eighth, grading, curbing, and macadamizing..... | 803 10 |
| Charter from Telegraph to San Pablo avs, grading, curbing, and macadamizing..... | 4,203 64 |
| Twentieth Av. from East Twelfth to East Sixteenth, grading and curbing..... | 1,711 08 |
| Thirteenth Av. from East Twelfth to East Sixteenth, curbing and macadamizing..... | 3,437 02 |
| Alice from Third to Fourteenth, sidewalks..... | 943 29 |
| Sixth Av. from East Nineteenth to East Eighth, sidewalks... | 1,521 25 |
| Third from Madison to Filbert, sidewalks..... | 1,700 00 |
| Railroad Av. from Wood to Pine, grading and macadamizing..... | 2,333 68 |

TUBBS' HOTEL, East Oakland. Horse Cars pass the door every ten minutes.