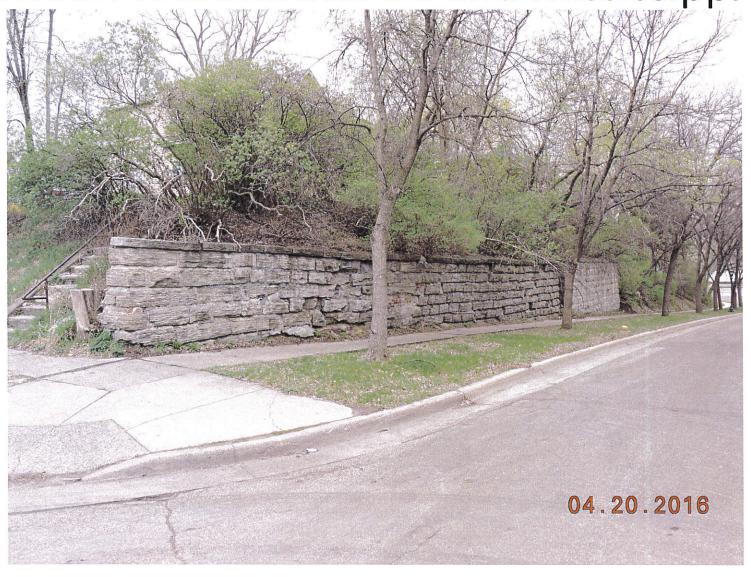
Item 60

Public Works staff report for the retaining wall at 332 Jessamine Ave.

(between Westminster St. and Mississippi St).



Aerial photo with property lines

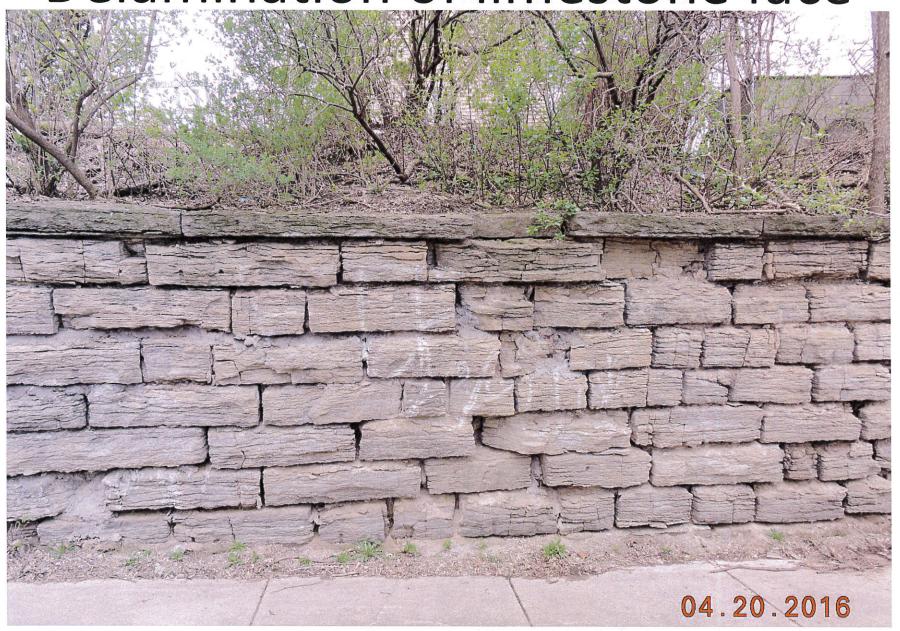


#### Current wall condition

Loss of mortar joints



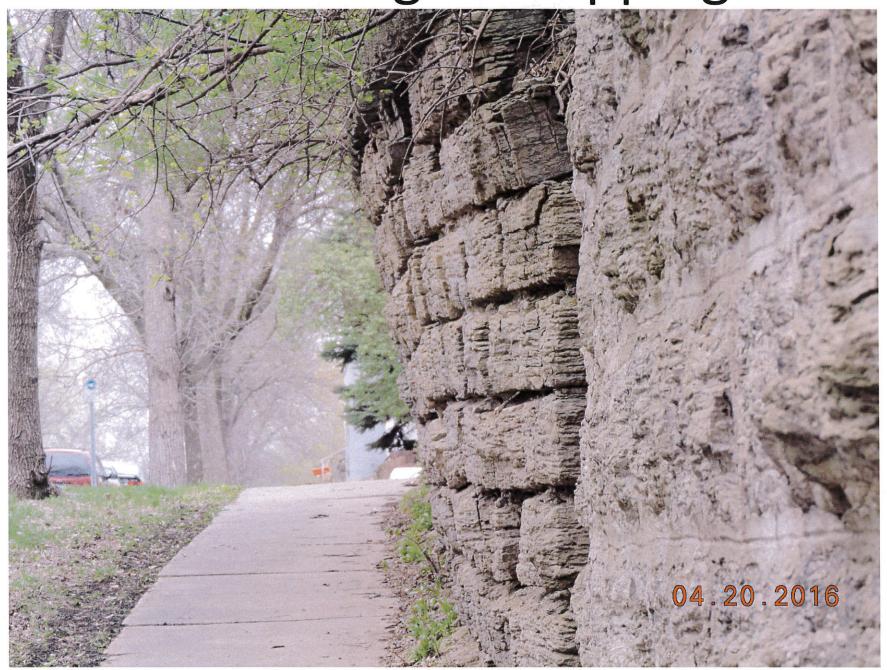
#### Delamination of limestone face



### Bowing and tipping



Bowing and tipping



No records of a permit for wall construction has been found in City records, or historical records.

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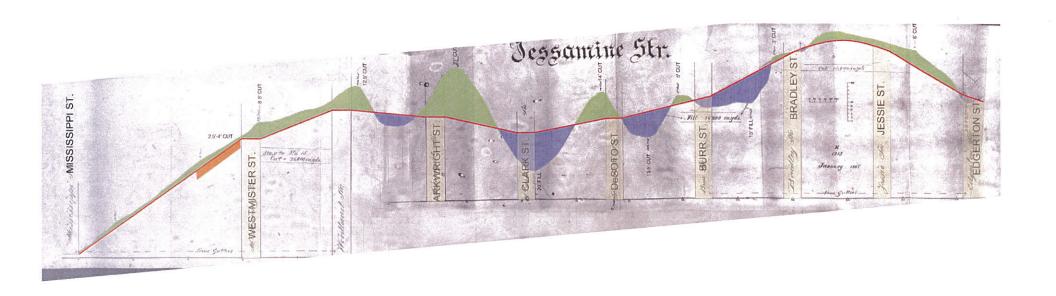
Public Works has located records of the original construction of Jessamine Ave. Circa 1887.

No records of a permit for wall construction has been found in City records, or historical records.

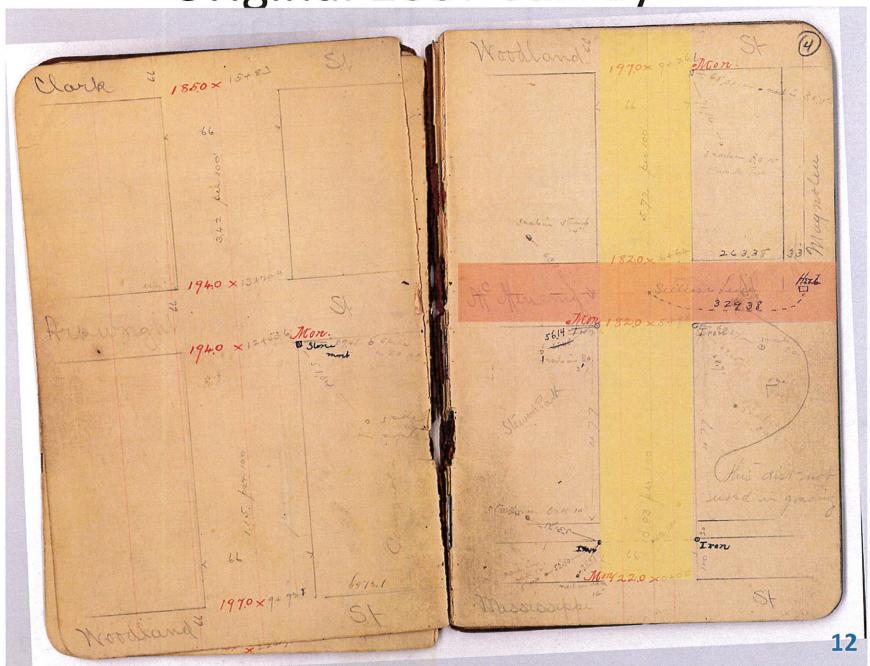
Public Works has located records of the original construction of Jessamine Ave. Circa 1887

- 1) Original 1887 Contract, plan and Specifications
- 2) Original 1887 road survey

#### Original grading plan

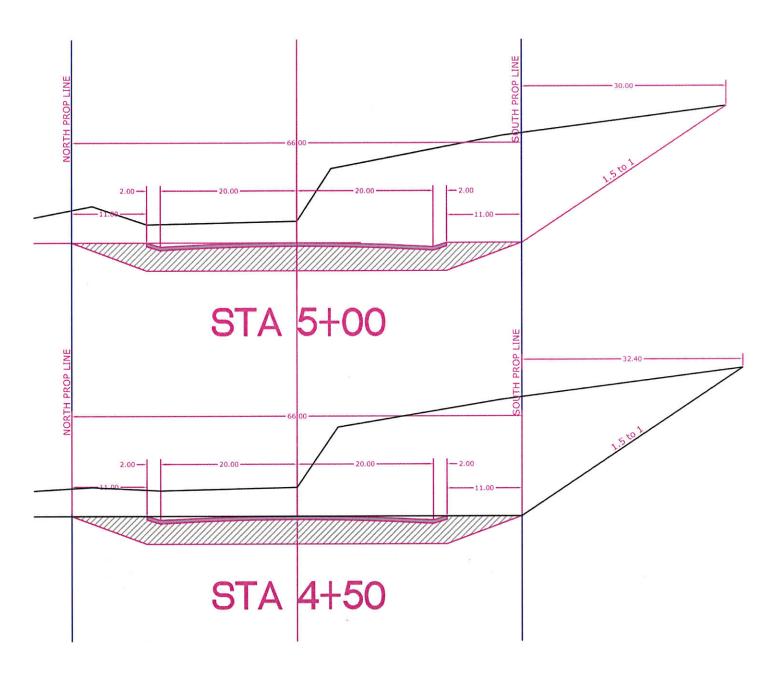


Original 1887 survey

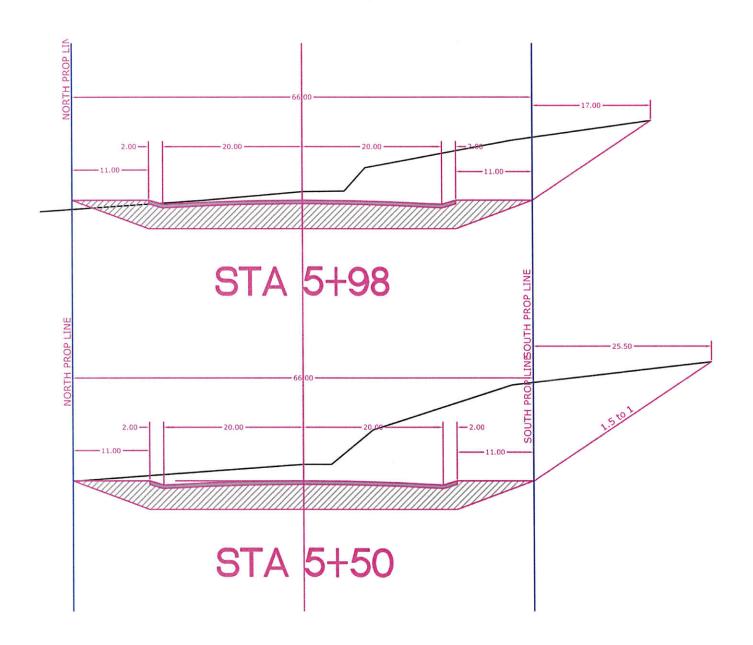


#### Original 1887 survey

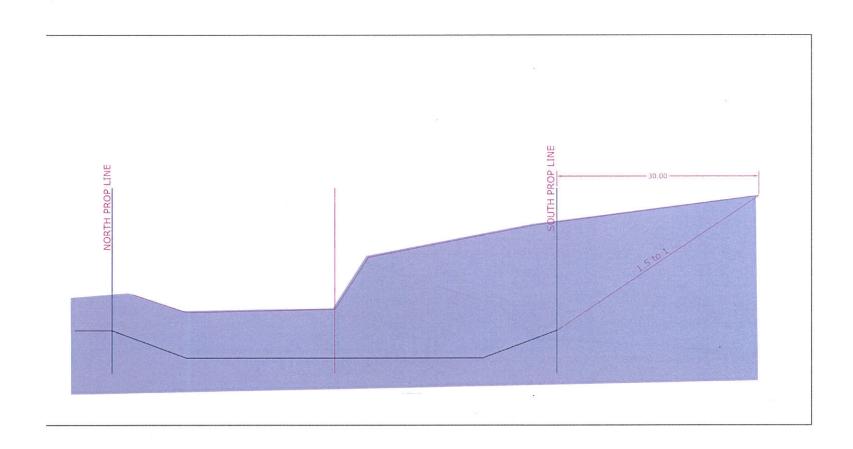
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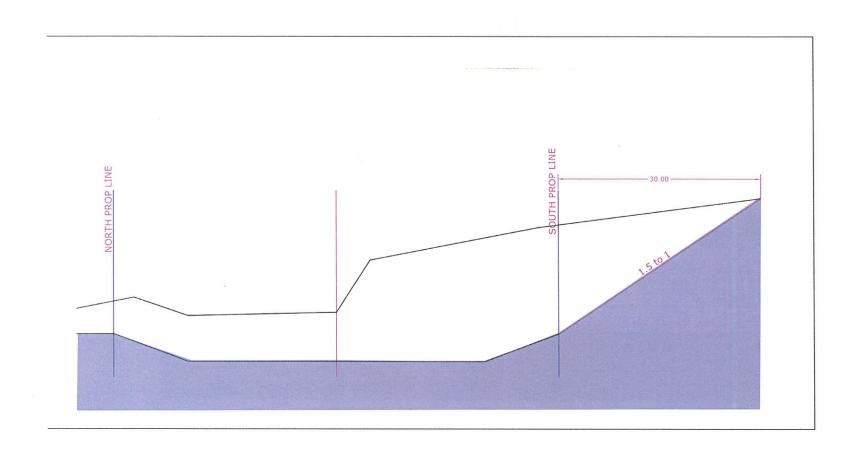
Road construction cross-sections 14



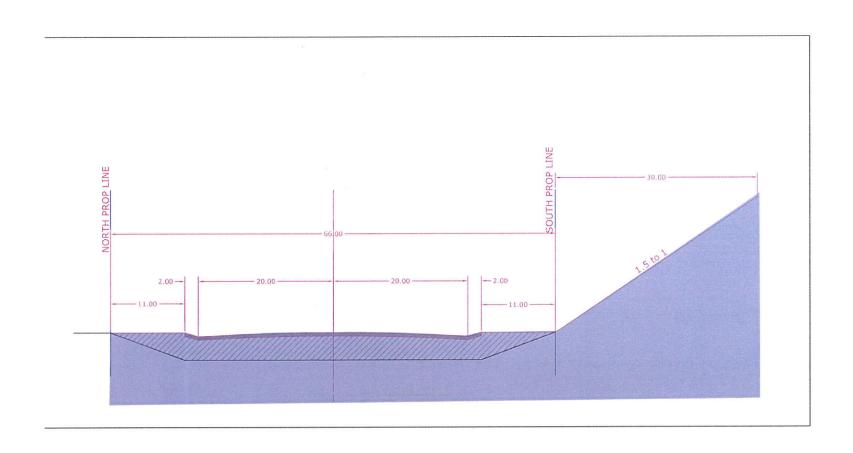
Road construction cross-sections 15



#### Road construction cross-sections



# Road construction cross-sections 17



#### Road construction cross-sections

38E-199128181115 NOTY = DE - TO BINESSE DEPARTMENT OF PUBLIC WORKS. CITY OF SAINT PAUL GRADING

width in the latter, and side slopes of one and one-half to one, with grades of not more than /2

feet in one hundred, and less if required for drainage or for material necessary to make the embankment.

The approaches on cross streets and alleys, except

shall be connected with a roadway of not less than

# Original 1887 Jessamine construction contract.



feet in the former case, and the full

The contractor shall furnish all material required for embankment and surfacing not found on the line of the street.

The contractor shall replace at line and grade, all sidewalks and fences disturbed by him in the prosecution of his work, and leave them in as good condition as found. He shall, in no case disturb any shade tree, except by special order of the Engineer, and setting out and marking stakes shall not be considered such order.

#### SURFACING.

The top pine inches of all the roadway shall consist of the best material found on the line of the improvement, from which shall be removed all stones larger than two inches in diameter. In case a sufficient amount of material to form a solid, substantial roadway, cannot be found on the line of the improvement, the contractor shall procure a covering of loam, nine inches deep, to supply the deficiency.

Paved gutters shall be built as shown on the plan, of sound quarried stone set on edge, said stone to be not less than nine inches in depth and one foot in length, not less than four inches nor more than six inches in thickness, the ends and face squared with a harmer; the joints closely fitted, the spaces completely filled with sane and the whole well rammed.

#### Original 1887 Jessamine construction contract.

#### Current slope condition west of the walls.



#### Public Works Staff findings

- The wall is constructed almost entirely on private property, with the east front face of wall extending 0.1 feet on to City right of way and the west end of the wall entirely on private property.
- 2) There is no known construction permit for this wall, and a construction date can not be determined.
- 3) The wall was not constructed under the original 1887 road construction contract.
- 4) The road construction resulted in 1.5 to 1 out slopes.
- 5) A 1.5 to 1 slope does not require additional lateral support.
- 6) A wall at this location was not necessitated by the 1887 City contract for the construction of Jessamine Ave.

## Questions?

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