



FEASIBILITY REPORT

PROJECT Z70 ALLEY IMPROVEMENT PROJECT SOUTH HIGH STREET/SOUTH WHITNEY STREET (100 & 200 Block - lying between the west side of South Whitney Street and the east side of South High Street, between the north line of East Marshall Street and the south line of East College Drive)

CITY OF
MARSHALL, MINNESOTA

July 9, 2019

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision, and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.

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Registration No. 41557

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PROJECT Z70

ALLEY IMPROVEMENT PROJECT

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(100 & 200 Block - lying between the west side of South Whitney Street and the east side of South High Street, between the north line of East Marshall Street and the south line of East College Drive)

CITY OF MARSHALL, MINNESOTA

1.0 SCOPE

This Feasibility Report as authorized by the City Council, covers the following proposed improvements: Reconstruction of the alley lying between the west side of South Whitney Street and the east side of South High Street, between the north line of East Marshall Street and the south line of East College Drive and installing storm sewer and/or concrete surfacing of the alley.

2.0 BACKGROUND / EXISTING CONDITIONS

Alley

The current alley varies in width from 16 ft. to 20 ft. of dedicated right-of-way with the gravel portion slightly smaller.

Utilities

There are existing underground power and communication lines with above ground transformer and boxes within the alley and need to be located prior to design of the elevations of the new surface and storm sewer.

3.0 PROPOSED IMPROVEMENTS

Alley

As this is an alley providing access to residential properties and the petition for improvements specifies the recommended roadway section to be concrete pavement, the cost will be based upon concrete surfacing and 12" of Class 5 gravel.

Utilities

A new PVC storm sewer and appropriate inlets will be installed to accommodate the 10-year storm event in Marshall.

4.0 STATEMENT OF PROBABLE COST

The estimated costs to complete the proposed improvements are shown below. The estimated construction costs include a 10% allowance for contingencies and a 16% allowance for administrative and engineering costs. The unit prices for each item of work used in determining the estimated cost of construction is based on previous projects similar in nature and is subject to change.

| | |
|---|---------------------|
| Concrete Alley | \$49,800.00 |
| Site Preparation and Gravel | \$14,250.00 |
| Storm Sewer | <u>\$19,800.00</u> |
| Subtotal Estimated Construction Cost | \$83,850.00 |
| Contingencies (10%) | <u>\$8,385.00</u> |
| Total Estimated Construction Cost | \$92,235.00 |
| Estimated Engineering, & Administration (16%) | <u>\$14,758.00</u> |
| Total Estimated Project Cost | <u>\$106,993.00</u> |

5.0 PROPOSED ASSESSMENTS

All assessments will be in accordance with the most recent Special Assessment Policy.

Costs for the alley improvements and storm sewer drainage improvements will be mostly by special assessments in the amount of \$75,065 with City participation in the alley grading and shaping in the amount of \$31,928.

A preliminary assessment roll showing the estimated assessments for each benefiting parcel and City participation will be prepared at a later date for consideration by the City Council in accordance with the most recent special assessment policy.

6.0 FEASIBILITY/CONDITIONS/QUALIFICATIONS

The proposed improvements as described in this report are necessary, cost-effective, and feasible from an engineering standpoint as requested by the petition of the majority of adjacent property owners.

7.0 PROPOSED PROJECT SCHEDULE

The following is the anticipated schedule for the project, assuming the City Council elects to proceed with the proposed improvements.

| | |
|---------------------------|---|
| July 23, 2019 | Public Hearing on Improvement/Authorize Call for Bids |
| July 24 and July 31, 2019 | Advertise for Bids |
| August 8, 2019 | Bid Opening Date |
| August 13, 2019 | Award Contract |
| August 2019 | Notice to Proceed |
| September 2019 | Begin Construction |
| September 24, 2019 | Public Hearing on Assessment/Adopt Assessment |
| June 2020 | End Construction |

