



City of
VALLEY FALLS

Incorporated May 17, 1869

Work Session Agenda

March 8, 2023 6:30 PM

CALL TO ORDER

DISCUSSION ITEMS:

- A. Community BBQ/ Pot luck
- B. Economic Development Board
- C. CDBG Sidewalk Project
- D. River Improvements
 - a. Gravel
 - b. Park Grills
 - c. Benches/ Park Tables
 - d. Pillar Removal
- E. Council Ideas/ Feedback/ Updates

NEXT WORK SESSION:

- A. Topics For Discussion
 - 1. Pocket Park
 - 2. ARPA

- B. Date

ADJOURNMENT

Future Topics:

- Wayfinding Signage
- CDBG Sewer Phase 2
- CDBG Housing Rehab
- Moderate Income Housing Grant
- Barnes Addition Infrastructure
- Dog Park
- Pond Dam Repair/ landscaping
- Police Dept Building
- Swimming Pool Pump House
- Park - Tree Replacement
- Park - Landscaping
- Park - Stain Gazebo
- Park - Camp site/ new park additions
- Downtown Streetscape
- Street CIP
- Industrial Park
- Disk Golf

VALLEY FALLS ECONOMIC DEVELOPMENT COMMITTEE BY-LAWS

ARTICLE 1: NAME AND LEGAL AUTHORITY

The name of this organization shall be: The Valley Falls Economic Development Committee (V.F.E.D.C). This organization was established by the City Council of the City of Valley Falls, Kansas, in August of the year 2000, and shall be governed by the laws of the State Of Kansas. The V.F.E.D.C shall remain in operational force and effect until such time as the City Council of Valley Falls, Kansas, determines otherwise.

The V.F.E.D.C is not, nor shall it represent itself as, the City Council of the City of Valley Falls, Kansas.

The City Council of the City of Valley Falls, Kansas, may grant or rescind such authority to the V.F.E.D.C as it deems necessary and appropriate for the meeting of its goals and purpose.

ARTICLE 2: PURPOSE

The purpose of the V.F.E.D.C. shall be to create a plan(s) of community and economic development for the City of Valley Falls, Kansas. Such community and/or economic development plan(s) shall be developed as long term plan(s), as far as feasible, implementable in stages at varying intervals in the future so as to control the growth of the city of Valley Falls in an orderly fashion. Development plans may include existing development plans, targeted growth areas, or any other aspect of development within the city, or within close proximity to it. Any and all such plans, programs, grant applications, and related activities of the V.F.E.D.C. shall be submitted to, and approved by, the Valley Falls

City Council, with subsequent referral to appropriate authorities. Further, such plans shall be incorporated into existing master growth plans upon adoption or approval, as appropriate.

The V.F.E.D.C shall work in such a manner so as to supplement the activities of, provide input to, and assist the Valley Falls City Council with any activities that the City Council deems necessary and appropriate.

ARTICLE 3: OFFICIAL ADDRESS

The official mailing address shall be the same as that of the City of Valley Falls, Kansas.

ARTICLE 4: MEETINGS

The V.F.E.D.C shall determine where meetings of the organization shall be held. The V.F.E.D.C shall set meeting dates as necessary, but at least once quarterly, to accomplish its goals. A written record of any and all meetings shall be kept.

ARTICLE 5: OFFICERS AND MEMBERSHIP

The officers of this organization shall be: Chairman, Vice Chairman, and Secretary /Treasurer. Duties of these offices shall be those normally associated with the respective office.

Roberts Rules Of Order shall govern this organization. The Chairman shall not have a vote, unless to break a tie vote, or make or second motions.

Membership in the V.F.E.D.C shall be as directed by the Valley Falls City Council in August of 2000. Alterations to membership may be recommended to the City Council by the V.F.E.D.C. for

approval and implementation at any time. The City Council of the City of Valley Falls, Kansas, shall have the authority to remove any member at any time for any reason, and seek replacement personnel.

The Chairman, Vice Chairman, Secretary/Treasurer and one other "at large" member of the V.F.E.D.C, as selected by the membership, shall act as an Executive Board. The Executive Board shall meet as necessary or as directed by the body as a whole to accomplish necessary activities of the V.F.E.D.C. The Executive Board shall operate within the By-Laws. Nothing contained herein grants the Executive Board any power or authority, not specifically provided to it by the membership as a whole.

Ex-Officio members of the V.F.E.D.C shall be permitted to have a voice in any and all discussion held. Ex-Officio members may bring items to the V.F.E.D.C for consideration. They may make motions, but they may not second a motion Ex-Officio members shall not have a vote, unless otherwise provided in these By-Laws.

The V.F.E.D.C may select an Ex-Officio member to serve on the Executive Board as the "at large" member. In the event an Ex-officio member is selected to serve as the "at large" member on the Executive Board, that member shall have full voting rights in Executive Board Meetings only, and shall serve as any other member of the Executive Board.

Terms of office for the Chairman, Vice Chairman, Secretary/Treasurer, and the Executive Board shall be for a period of one (1) year, with the term running from January 1 of each year through December 31, with elections occurring at that meeting occurring in the last quarter of the year. Any vacancy occurring in any elected position shall be filled by appointment of

the Chairman. Such appointment shall be until the next regular election of officers.

Any organization or group represented may at any time replace its representative. Such replacement shall be confirmed by the City Council of the City Of Valley Falls, Kansas. A member, replacing a member, who has been removed from the V.F.E.D.C, shall not assume any elected office, until the next regular election.

The V.F.E.D.C recognizes that community resources are an invaluable asset and may at any time, invite any individual to serve on any committee, or participate in any activity of the V.F.E.D.C. The Chairman of any such committee must be a member of the V.F.E.D.C. Committees shall keep written records of their activities.

ARTICLE 6: RECORDS & DOCUMENTS

All records and documents of the V.F.E.D.C shall be the property of the City of Valley Falls, Kansas. A master copy of all records, correspondence and other documents created by the V.F.E.D.C. shall be maintained by the secretary in the office of the City. All records shall be open to public inspection under provisions of open records acts. The open records officer of the V.F.E.D.C. shall be the secretary.

The Chairman, or such other person as appointed by the Chairman, shall provide at least quarterly, a report of activities of the V.F.E.D.C. to the City Council.

ARTICLE 7: BANKING & FINANCE

The City of Valley Falls, Kansas, shall be the chief administrator of the monies of the V.F.E.D.C. The V.F.E.D.C may also establish

ARTICLE 8: AMENDMENTS

The by-laws may be amended. A two thirds (2/3) majority of those present and voting shall be required to amend these bylaws. The City Council of the City of Valley Falls, by majority vote shall approve or veto any amendments to these By-Laws. Amendments to the By-Laws must be sent to all committee members by U.S. Mail at least fourteen (14) days prior to the meeting at which such amendments will be voted on. Amendments shall take effect immediately upon approval.

ARTICLE 9: DISBANDMENT

The V.F.E.D.C. shall continue its work for an undetermined period of time. The City Council of the City of Valley Falls, Kansas, may, at any time, assign, delegate, or refer, any matter to the V.F.E.D.C for its action, review, implementation, study or recommendation.

The City Council of the City of Valley Falls Kansas, shall have the authority to disband the V.F.E.D.C. At such time as the V.F.E.D.C. is disbanded, all document, papers, records and monies of the V.F.E.D.C shall revert to the City Of Valley Falls, Kansas.

ARTICLE 10: ADOPTION

These By-Laws were approved and adopted by the membership of the V.F.E.D.C on February 20, 2001. Approved by the City Council, City of Valley Falls, Kansas, on



PRELIMINARY ENGINEERING REPORT

City of Valley Falls

Sidewalk Improvements Valley Falls, KS

PEC PROJECT NO. 221239-000

FEBRUARY 2023

PREPARED BY
PROFESSIONAL ENGINEERING CONSULTANTS PA
400 South Kansas Avenue, Suite 200 Topeka, Kansas 66003 785-233-8300 www.pec1.com

Table of Contents

1.0	INTRODUCTION.....	1-1
2.0	TENTATIVE SCHEDULE	2-1
3.0	BACKGROUND.....	3-1
4.0	SIDEWALK IMPROVEMENTS.....	4-1
4.1	EXISTING SIDEWALK CONDITIONS	4-1
4.2	IMPROVEMENT METHODS	4-1
4.3	RECOMMENDATIONS	4-2

List of Attachments

<u>Exhibit No. 01</u>	Project Location Map
<u>Exhibit No. 02</u>	USGS Quad Map
<u>Exhibit No. 03</u>	Sidewalk Improvement and Priority Map
<u>Exhibit No. 04</u>	Typical Section – Sidewalk offset from back of curb
<u>Exhibit No. 05</u>	Base Bid Cost Estimate
<u>Exhibit No. 06</u>	Add Alternate Cost Estimates
<u>Appendix A</u>	Existing Condition Photographs
<u>Appendix B</u>	Individual Sidewalk Costs by Block

1.0 Introduction

The City of Valley Falls staff and Council wish to address the sidewalk repair and replacement needs throughout the City. This preliminary engineering report was prepared to help the City evaluate and undertake proposed improvements. The improvements noted herein are within the City limits.

The following items are included in the report:

- Documentation of the existing deteriorated condition of the sidewalk.
- Alternatives for repair/replacement.
- Sidewalk repair prioritization.
- Overall plan to address future needs in other areas of the City.

2.0 Tentative Schedule

The estimated project schedule is shown below. The duration of various items included in the schedule will be dependent on outside entities, and therefore are outside the control of the design engineer. Based on the following schedule, designing of the project can start in 8 months.

Milestone	Duration (if applicable)	Estimated Completion
Preliminary Architecture/Engineering Report		02/2023
Finalize Project Scope and Cost		03/2023
CDBG Public Hearing		04/2023
Application Date		05/01/2023
Review Period	45-60 days	06/30/2023
Award Date	60 days	08/19/2023
City/CDBG Contract Executed & Approved	4 weeks	09/16/2023

3.0 Background

Valley Falls in Jefferson County, Kansas is located approximately 30 miles northeast of the City of Topeka. A Project Location Map is included as *Exhibit No. 01*. Also included to depict the general terrain of the city is a USGS Quad Map as *Exhibit No. 02*. Professional Engineering Consultants, P.A. (PEC) was hired by the City to review existing and proposed sidewalk, evaluate the condition, and prepare a Preliminary Engineering Report with recommendations for sidewalk improvements and their respective costs.

Approximately two-thirds of the City-maintained sidewalk system is north of K-16 Highway. All proposed sidewalk improvements and their respective priorities can be seen in *Exhibit No. 03*. This project will focus mainly on the two-thirds above K-16 Highway during an initial phase of improvements. Improving this portion of the City first will not only benefit the residents living in this part of town, but Mulberry Street and Broadway Street are major through-routes used by the entire community. Improving sidewalk conditions along the busiest roadways will ensure that all pedestrians can safely travel in this area. Improving all proposed sections of sidewalk will benefit the residents and provide a convenient way to walk through the City.

A brief review of the City's present sidewalk conditions was completed. All the current sidewalks consist of concrete or brick. Most of the brick sidewalks have missing bricks or have been overgrown with grass so it is no longer visible. The concrete sidewalks are extremely deteriorated in several areas of the City. Trees and their roots have also grown into older sidewalks, either breaking through or pushing up the concrete panels nearby. The sidewalk conditions are slightly better by the Valley Falls Elementary school. In various areas of the city, it looks like the sidewalk has already been replaced recently. The top priority for the City is the sidewalks surrounding Broadway Street due to this being a major road where a majority of the city's businesses are located. The sidewalks in the central portion of the city, which are around the school and ball fields, are included as Add Alternates. The remaining proposed sidewalk improvements will be performed in future projects (Alternates). A map of each proposed sidewalk improvement and their respective priority can be found in *Exhibit No. 03*.

The City will expect the homeowners and business owners to maintain the sidewalks.

4.0 Sidewalk Improvements

4.1 Existing Sidewalk Conditions

The increasing deterioration of the City's sidewalk system is noted in the previous section. Some of the common defects identified are vertical and horizontal separation, holes, and cracking in the sidewalk concrete. Some of the existing sidewalk is also deteriorating due to age, with some of the sidewalk being approximately 40 years old.

The improvement needs have been prioritized with the assistance of City Staff and the City Council. The priorities are depicted on the *Sidewalk Improvement Priority Map* included as *Exhibit No. 03*. A Typical Section drawing for the sidewalk is included as *Exhibit No. 04*. Also, supporting photographic documentation of the existing sidewalk conditions are in *Appendix A*.

The higher priority areas will not only benefit the highest number of sidewalk users but will also increase the town's efficiency to walk safely to their destination. Repairing these higher priority sidewalks will give much needed relief to the homeowners and businesses that must maintain the sidewalks. The varying levels of severity in the pavement damage can be seen in *Appendix A*. Large areas of missing bricks, cracking, and separation are found throughout these prioritized sidewalks. This can lead to safety concerns for individuals walking these sidewalks.

The pavement repair recommended as the Base Bid, to replace the documented surface cracking, missing bricks, vertical and horizontal separation, will greatly benefit the City of Valley Falls by making the town more aesthetically pleasing.

4.2 Improvement Methods

Throughout the city, all existing sidewalk included in the improvements will be replaced with concrete, including existing brick sidewalk. This will not only lower the cost of construction, but it will also provide a sidewalk with a longer service life than a brick alternative. Brick sidewalk also raises the likelihood of tripping hazards and can be difficult to traverse using a cane or a wheelchair. Using concrete sidewalk ensures that every citizen can easily navigate the city.

Patching of existing concrete sidewalks will be performed in areas that the concrete sidewalk can potentially be rehabilitated. This will be a cost-effective way to fix the sidewalk without completely replacing it.

The proposed new sidewalk will match the typical sidewalk width seen within the city and will be four-foot-wide concrete sidewalk, which is shown in *Exhibit No. 04*. The areas where new sidewalk is proposed will provide greater access to major places around the community, like the ball fields, grocery store, and schools.

4.3 Recommendations

Recommended sidewalk improvements and their respective priority are included in *Exhibit No. 03*. *Appendix B* contains all the individual cost-estimates for each block of sidewalk included in the project. PEC recommends proceeding with sidewalk improvements included in the Base Bid. Repairing and constructing sidewalk in these areas will benefit the community the most. Additionally, if budgeting allows, Alternates should be considered. Add Alternate #1 is included in *Exhibit No. 05* along with the Base Bid. Every Add Alternate with their respective cost estimate is included as Exhibit No. 06.

A summary of the priority areas, and funding needs is as follows:

Base Bid Improvements: PEC recommends Base Bid improvements which include sidewalk replacement for areas north and south of Broadway Street (Sycamore Street, Walnut Street, Oak Street, and Elm Street). The estimated cost is \$289,241.20 as displayed in *Exhibit No. 05*.

Add Alternate #1 Improvements: Add Alternate #1 improvements includes new and replacement of sidewalks along Maple Street, replacement sidewalk along 5th Street, and the northernmost sidewalk of Sycamore Street. The estimated cost is \$135,062.00 as displayed in *Exhibit No. 05*.

Add Alternate #2 Improvements: Add Alternate #2 improvements include sidewalk improvements to the east of the grade school as well as around the ball fields and pool. The estimated cost is \$179,762.40 as displayed in *Exhibit No. 06*.

Add Alternate #3 Improvements: Add Alternate #3 improvements include the construction of new sidewalk leading up to the grade school. Sidewalk is also constructed and replaced around the local grocery store. The estimated cost is \$158,868.00 as displayed in *Exhibit No. 06*.

Add Alternate #4 Improvements: Add Alternate #4 improvements include sidewalk improvements in the western part of the city, with a majority the of sidewalk repair and construction taking place along Frazier Street during this phase. The estimated cost is \$218,402.40 as displayed in *Exhibit No. 06*.

Add Alternate #5 Improvements: Add Alternate #5 improvements include the north and south sidewalks on Broadway Street (from Maple Street to Oak Street). For the 14.5-foot-wide sections of Broadway Street, only existing brick will be replaced with new concrete. Existing deteriorated concrete in this section will be patched. This is a major road for both cars and pedestrians, so having higher-quality sidewalk in this area is top priority. The estimated project costs for the base bid is \$347,354.40 as detailed in *Exhibit No. 06*.

EXHIBIT No. 1
 PROJECT LOCATION MAP
 (MAP PRODUCED BY KS DEPT. OF TRANSPORTATION)



NOT TO SCALE

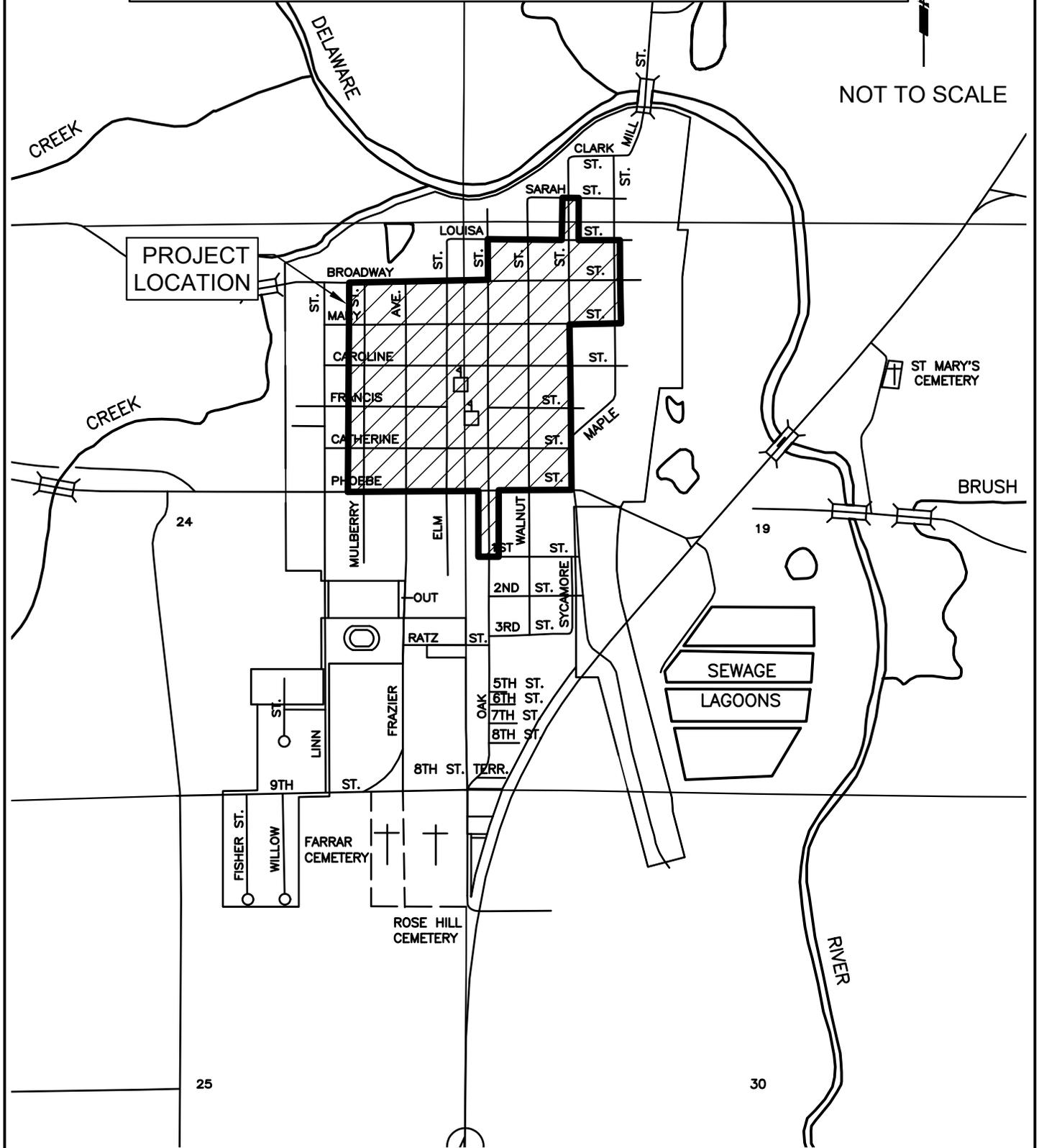


EXHIBIT No. 2
USGS QUAD MAP
(MAP PRODUCED BY USGS)

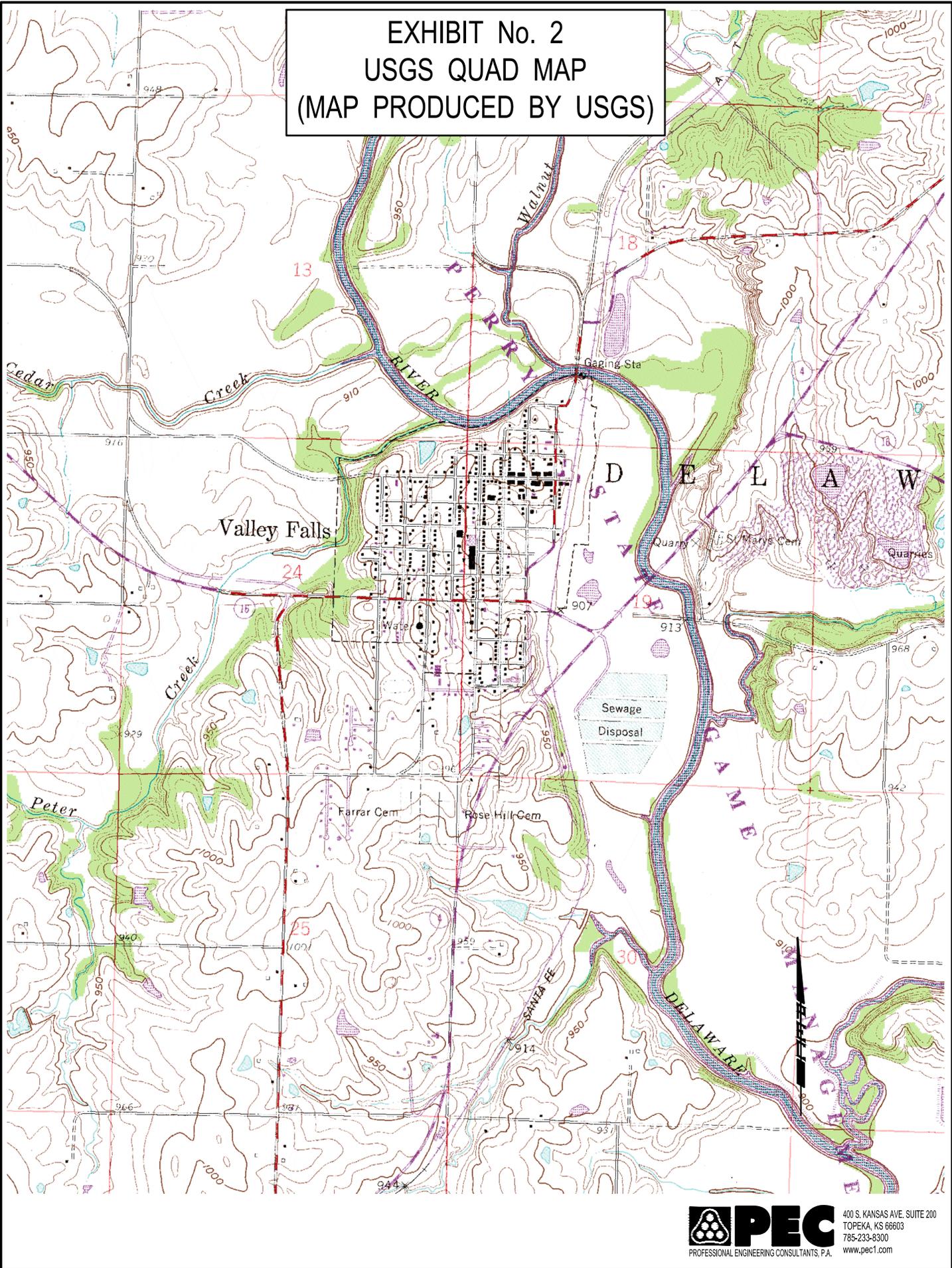
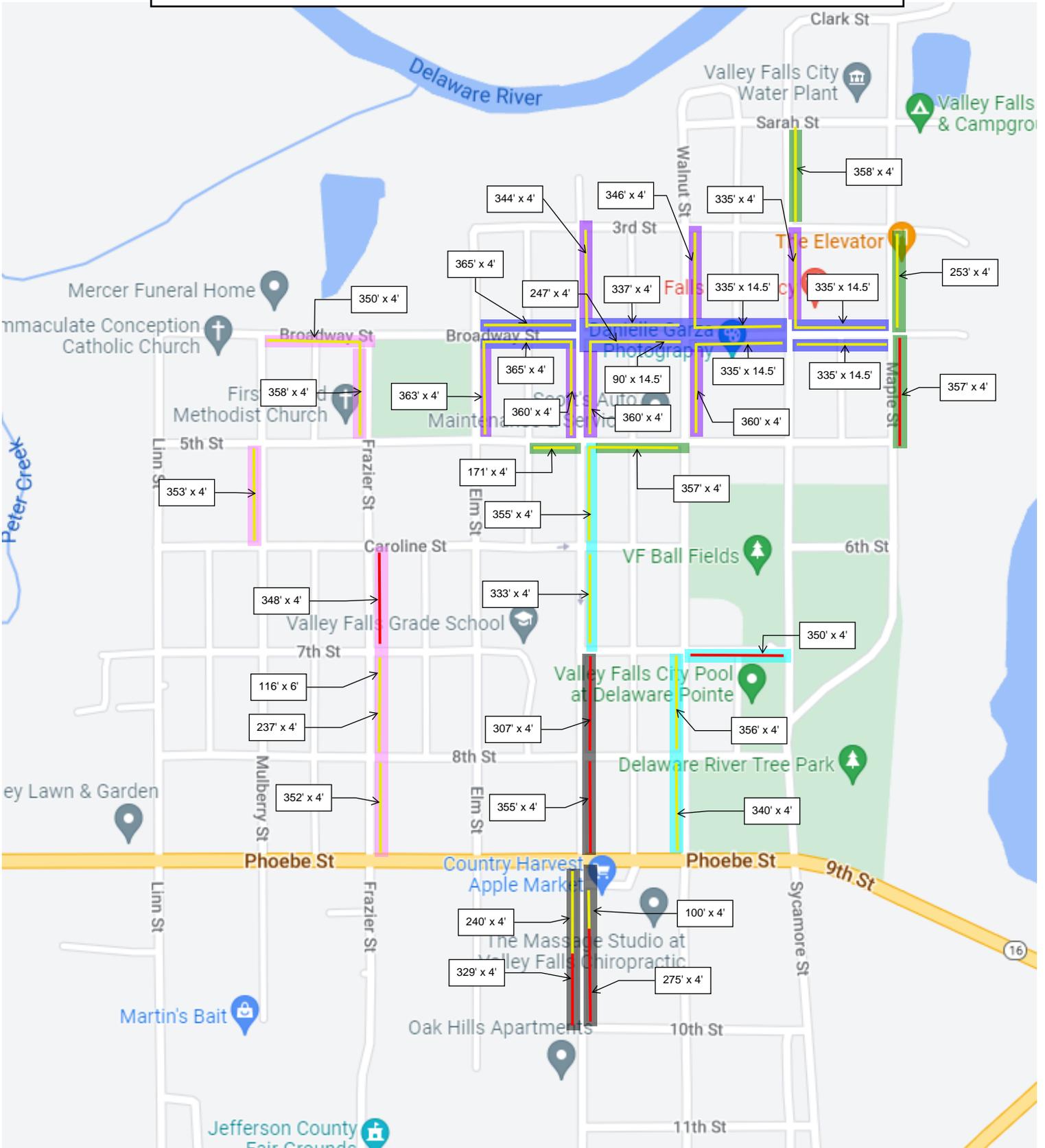


Exhibit No. 03 Sidewalk Improvement and Priority Map



Priority Legend

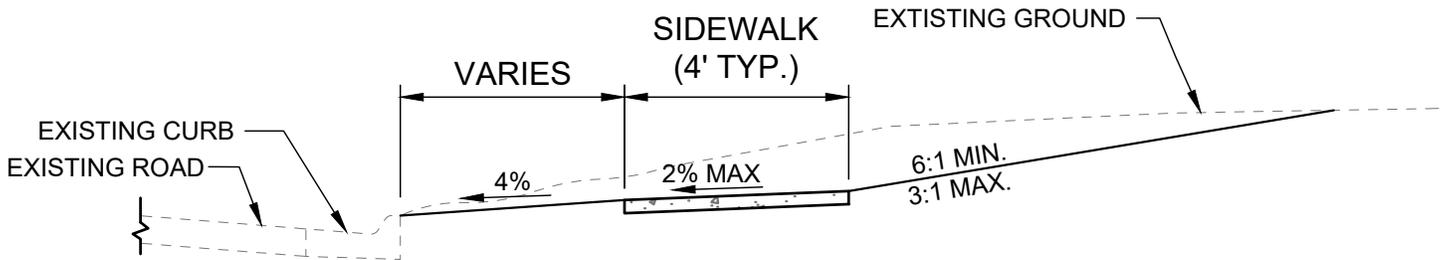
- | | |
|--|---|
| <ul style="list-style-type: none"> Base Bid Add Alternate #1 Add Alternate #2 | <ul style="list-style-type: none"> Add Alternate #3 Add Alternate #4 Add Alternate #5 |
|--|---|

Sidewalk Improvement Legend

- New Sidewalk
- Sidewalk Replacement

EXHIBIT No. 4

TYPICAL SECTION



SIDEWALK OFFSET FROM BACK OF CURB



PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
400 SOUTH KANSAS AVE. SUITE 200
TOPEKA, KS 66603
785-233-8300 www.pec1.com

Exhibit No. 05

Sidewalk Improvements - Base Bid				
ITEM	Quantity	Unit	Unit Cost	Cost
1 Contractor Construction Staking	1	Lump Sum	\$5,000.00	\$5,000.00
2 Mobilization	1	Lump Sum	\$10,000.00	\$10,000.00
3 Remove and Replace Concrete Sidewalk	9,872	Sq. Ft.	\$17.00	\$167,824.00
4 Sidewalk Ramps	11	EA.	\$1,200.00	\$13,200.00
7 Traffic Control	1	Lump Sum	\$10,000.00	\$10,000.00
Base Bid - Total Estimated Construction Cost				\$206,024.00
Engineering Design (Includes Add Alternate #1)				\$51,162.90
Construction Administration				\$17,054.30
Grant Administration				\$15,000.00
Base Bid - Subtotal of Project Costs				\$289,241.20

Sidewalk Improvements - Add Alternate #1				
ITEM	Quantity	Unit	Unit Cost	Cost
1 Contractor Construction Staking	1	Lump Sum	\$5,000.00	\$5,000.00
2 Mobilization	1	Lump Sum	\$10,000.00	\$10,000.00
3 Remove and Replace Concrete Sidewalk	4,556	Sq. Ft.	\$17.00	\$77,452.00
4 Sidewalk Ramps	9	EA.	\$1,200.00	\$10,800.00
5 New Concrete Sidewalk	1,428	Sq. Ft.	\$15.00	\$21,420.00
6 Unclassified Excavation	26	Lin. Ft.	\$15.00	\$390.00
7 Traffic Control	1	Lump Sum	\$10,000.00	\$10,000.00
Add Alternate #1 - Total Estimated Construction Cost				\$135,062.00

Grand Total Estimated Project Cost *	\$424,303.20
---	---------------------

* Costs for Legal, Bonding, Administration, and Interim Interest are not included in estimated project costs.

Exhibit No. 06

Sidewalk Improvements - Add Alternate #2					
ITEM	Quantity	Unit	Unit Cost	Cost	
1 Contractor Construction Staking	1	Lump Sum	\$5,000.00	\$5,000.00	
2 Mobilization	1	Lump Sum	\$12,000.00	\$12,000.00	
3 Remove and Replace Concrete Sidewalk	5,536	Sq. Ft.	\$17.00	\$94,112.00	
4 Sidewalk Ramps	10	EA.	\$1,200.00	\$12,000.00	
5 New Concrete Sidewalk	1,400	Sq. Ft.	\$15.00	\$21,000.00	
6 Unclassified Excavation	26	Lin. Ft.	\$15.00	\$390.00	
7 Traffic Control	1	Lump Sum	\$5,300.00	\$5,300.00	
Add Alternate #2 - Total Estimated Construction Cost				\$149,802.00	
Engineering Design (Add Alternate #2 Only)				\$22,470.30	
Construction Administration				\$7,490.10	
Add Alternate #2 - Subtotal of Project Costs				\$179,762.40	

Sidewalk Improvements - Add Alternate #3					
ITEM	Quantity	Unit	Unit Cost	Cost	
1 Contractor Construction Staking	1	Lump Sum	\$5,000.00	\$5,000.00	
2 Mobilization	1	Lump Sum	\$12,000.00	\$12,000.00	
3 Remove and Replace Concrete Sidewalk	1,360	Sq. Ft.	\$17.00	\$23,120.00	
4 Sidewalk Ramps	8	EA.	\$1,200.00	\$9,600.00	
5 New Concrete Sidewalk	5,064	Sq. Ft.	\$15.00	\$75,960.00	
6 Unclassified Excavation	94	Lin. Ft.	\$15.00	\$1,410.00	
7 Traffic Control	1	Lump Sum	\$5,300.00	\$5,300.00	
Add Alternate #3 - Total Estimated Construction Cost				\$132,390.00	
Engineering Design (Add Alternate #3 Only)				\$19,858.50	
Construction Administration				\$6,619.50	
Add Alternate #3 - Subtotal of Project Costs				\$158,868.00	

Sidewalk Improvements - Add Alternate #4					
ITEM	Quantity	Unit	Unit Cost	Cost	
1 Contractor Construction Staking	1	Lump Sum	\$5,000.00	\$5,000.00	
2 Mobilization	1	Lump Sum	\$12,000.00	\$12,000.00	
3 Remove and Replace Concrete Sidewalk	7,296	Sq. Ft.	\$17.00	\$124,032.00	
4 Sidewalk Ramps	12	EA.	\$1,200.00	\$14,400.00	
5 New Concrete Sidewalk	1,392	Sq. Ft.	\$15.00	\$20,880.00	
6 Unclassified Excavation	26	Lin. Ft.	\$15.00	\$390.00	
7 Traffic Control	1	Lump Sum	\$5,300.00	\$5,300.00	
Add Alternate #4 - Total Estimated Construction Cost				\$182,002.00	
Engineering Design (Add Alternate #4 Only)				\$27,300.30	
Construction Administration				\$9,100.10	
Add Alternate #4 - Subtotal of Project Costs				\$218,402.40	

Sidewalk Improvements - Add Alternate #5					
ITEM	Quantity	Unit	Unit Cost	Cost	
1 Contractor Construction Staking	1	Lump Sum	\$5,000.00	\$5,000.00	
2 Mobilization	1	Lump Sum	\$12,000.00	\$12,000.00	
3 Remove and Replace Concrete Sidewalk	14,586	Sq. Ft.	\$17.00	\$247,962.00	
4 Sidewalk Ramps	16	EA.	\$1,200.00	\$19,200.00	
7 Traffic Control	1	Lump Sum	\$5,300.00	\$5,300.00	
Add Alternate #5 - Total Estimated Construction Cost				\$289,462.00	
Engineering Design (Add Alternate #5 Only)				\$43,419.30	
Construction Administration				\$14,473.10	
Add Alternate #5 - Subtotal of Project Costs				\$347,354.40	

Appendix A
Existing Condition Photographs



Sycamore Street (looking south towards 3rd Street) - Broken sidewalk caused by a tree



Maple Street (looking south towards Broadway Street) – Space with no sidewalk



Walnut Street (looking south towards Braodway Street) - Broken sidewalk caused by a tree



Oak Street (looking south towrds Brodway Street) – Grass growing through cracks of existing brick sidewalk



5th Street (looking west towards Elm Street) – End of sidewalk with no ADA ramp present



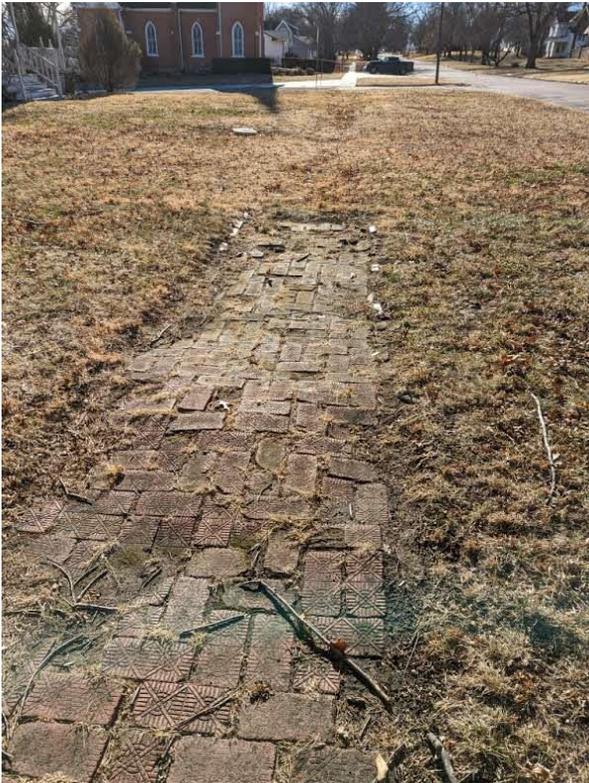
Oak Street (looking south towards 8th Street) – End of sidewalk with no ADA ramp present



Oak Street (looking south towards Phoebe Street) – Sidewalk leading into gravel parking spaces



Oak Street (looking north towards Phoebe Street) – Area for proposed sidewalk between 10th Street and existing sidewalk



Frazier Street (looking south towards 7th Street) – Existing brick sidewalk leading to area of proposed sidewalk



Frazier Street (looking south towards 8th Street) - Existing condition of ramp to current sidewalk



Frazier Street (looking south towards Pheobe Street) – Patch of deteriorated brick sidewalk leading to existing concrete sidewalk



Mulberry Street (looking south towards Caroline Street) – Cracked and broken sidewalk



Walnut Street (looking south towards 8th Street) – Cracked and broken sidewalk



Francis Street (looking west towards Walnut Street) – Area for proposed new sidewalk



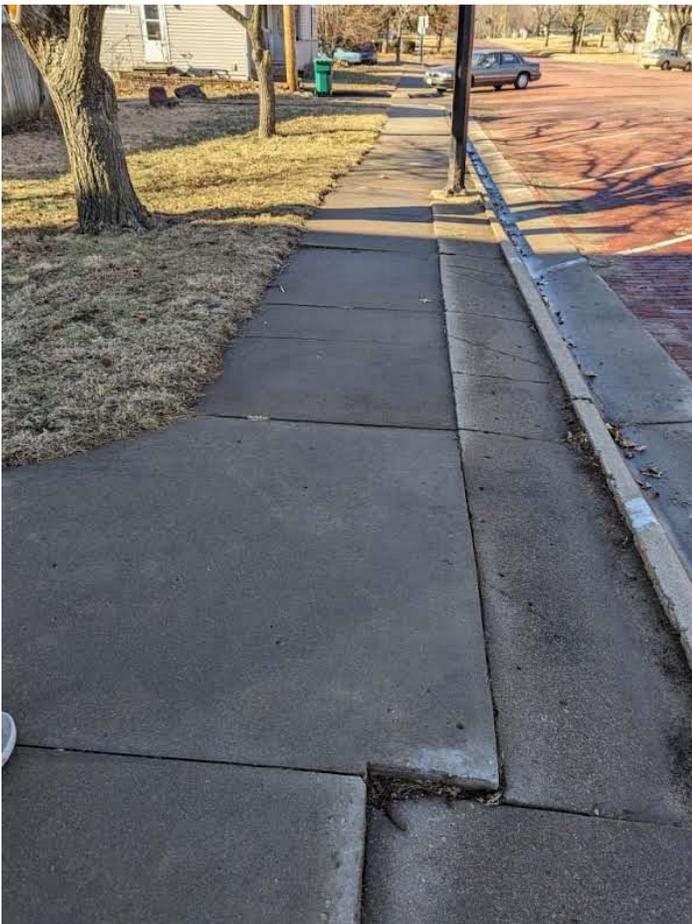
Elm Street (looking north towards Broadway Street) – Current condition of existing sidewalk ramp



Broadway Street (looking east towards Frazier Street) – Current condition of existing brick sidewalk



North Sidewalk of Broadway Street (looking west towards Sycamore Street) – Current condition of existing radial ramp and pavement



South Sidewalk of Broadway Street (looking west towards Walnut Street) – Minor vertical separation between sidewalk panels



South Sidewalk of Broadway Street (looking west towards Sycamore Street) - Current condition of existing radial ramp and pavement



South Sidewalk of Broadway Street (looking west towards Sycamore Street) – Brick sidewalk with several bricks missing throughout

Appendix B
Individual Sidewalk Costs by Block

Base Bid Individual Sidewalk Costs

OAK STREET SIDEWALK REPLACEMENT (3RD ST TO BROADWAY ST)

ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
3	REMOVE AND REPLACE CONCRETE SIDEWALK	S.F.	1,376	\$17.00	\$23,392.00
4	SIDEWALK RAMPS	EA	1	\$1,200.00	\$1,200.00
TOTAL COST					\$24,592.00

WALNUT STREET SIDEWALK REPLACEMENT (3RD ST TO BROADWAY ST)

ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
3	REMOVE AND REPLACE CONCRETE SIDEWALK	S.F.	1,384	\$17.00	\$23,528.00
4	SIDEWALK RAMPS	EA	1	\$1,200.00	\$1,200.00
TOTAL COST					\$24,728.00

SYCAMORE STREET SIDEWALK REPLACEMENT (3RD ST TO BROADWAY ST)

ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
3	REMOVE AND REPLACE CONCRETE SIDEWALK	S.F.	1,340	\$17.00	\$22,780.00
4	SIDEWALK RAMPS	EA	1	\$1,200.00	\$1,200.00
TOTAL COST					\$23,980.00

ELM STREET SIDEWALK REPLACEMENT (BROADWAY ST TO 5TH ST)

ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
3	REMOVE AND REPLACE CONCRETE SIDEWALK	S.F.	1,452	\$17.00	\$24,684.00
4	SIDEWALK RAMPS	EA	2	\$1,200.00	\$2,400.00
TOTAL COST					\$27,084.00

W. OAK STREET SIDEWALK REPLACEMENT (BROADWAY ST TO 5TH ST)

ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
3	REMOVE AND REPLACE CONCRETE SIDEWALK	S.F.	1,440	\$17.00	\$24,480.00
4	SIDEWALK RAMPS	EA	2	\$1,200.00	\$2,400.00
TOTAL COST					\$26,880.00

E. OAK STREET SIDEWALK REPLACEMENT (BROADWAY ST TO 5TH ST)

ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
3	REMOVE AND REPLACE CONCRETE SIDEWALK	S.F.	1,440	\$17.00	\$24,480.00
4	SIDEWALK RAMPS	EA	2	\$1,200.00	\$2,400.00
TOTAL COST					\$26,880.00

WALNUT STREET SIDEWALK REPLACEMENT (BROADWAY ST TO 5TH ST)

ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
3	REMOVE AND REPLACE CONCRETE SIDEWALK	S.F.	1,440	\$17.00	\$24,480.00
4	SIDEWALK RAMPS	EA	2	\$1,200.00	\$2,400.00
TOTAL COST					\$26,880.00

Add Alternate #1 Individual Sidewalk Costs

MAPLE STREET NEW SIDEWALK (BROADWAY ST TO 5TH ST)

ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
5	NEW CONCRETE SIDEWALK	S.F.	1,428	\$15.00	\$21,420.00
4	SIDEWALK RAMPS	EA	2	\$1,200.00	\$2,400.00
6	UNCLASSIFIED EXCAVATION	C.Y.	26	\$15.00	\$396.67
TOTAL COST					\$24,216.67

5TH STREET SIDEWALK REPLACEMENT (ALLEY TO OAK ST)

ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
3	REMOVE AND REPLACE CONCRETE SIDEWALK	S.F.	684	\$17.00	\$11,628.00
4	SIDEWALK RAMPS	EA	1	\$1,200.00	\$1,200.00
TOTAL COST					\$12,828.00

5TH STREET SIDEWALK REPLACEMENT (OAK ST TO WALNUT ST)

ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
3	REMOVE AND REPLACE CONCRETE SIDEWALK	S.F.	1,428	\$17.00	\$24,276.00
4	SIDEWALK RAMPS	EA	2	\$1,200.00	\$2,400.00
TOTAL COST					\$26,676.00

SYCAMORE STREET SIDEWALK REPLACEMENT (SARAH ST TO 3RD ST)

ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
3	REMOVE AND REPLACE CONCRETE SIDEWALK	S.F.	1,432	\$17.00	\$24,344.00
4	SIDEWALK RAMPS	EA	2	\$1,200.00	\$2,400.00
TOTAL COST					\$26,744.00

MAPLE STREET SIDEWALK REPLACEMENT (3RD ST TO BROADWAY ST)

ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
3	REMOVE AND REPLACE CONCRETE SIDEWALK	S.F.	1,012	\$17.00	\$17,204.00
4	SIDEWALK RAMPS	EA	2	\$1,200.00	\$2,400.00
TOTAL COST					\$19,604.00

Add Alternate #2 Individual Sidewalk Costs

OAK STREET SIDEWALK REPLACEMENT (5TH ST TO CAROLINE ST)

ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
3	REMOVE AND REPLACE CONCRETE SIDEWALK	S.F.	1,420	\$17.00	\$24,140.00
4	SIDEWALK RAMPS	EA	2	\$1,200.00	\$2,400.00
TOTAL COST					\$26,540.00

OAK STREET SIDEWALK REPLACEMENT (CARLOINE ST TO 7TH ST)

ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
3	REMOVE AND REPLACE CONCRETE SIDEWALK	S.F.	1,332	\$17.00	\$22,644.00
4	SIDEWALK RAMPS	EA	2	\$1,200.00	\$2,400.00
TOTAL COST					\$25,044.00

WALNUT STREET SIDEWALK REPLACEMENT (7TH ST TO 8TH ST)

ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
3	REMOVE AND REPLACE CONCRETE SIDEWALK	S.F.	1,424	\$17.00	\$24,208.00
4	SIDEWALK RAMPS	EA	2	\$850.00	\$1,700.00
TOTAL COST					\$25,908.00

FRANCIS STREET NEW SIDEWALK (WALNUT ST TO SYCAMORE ST)

ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
5	NEW CONCRETE SIDEWALK	S.F.	1,400	\$15.00	\$21,000.00
4	SIDEWALK RAMPS	EA	2	\$1,200.00	\$2,400.00
6	UNCLASSIFIED EXCAVATION	C.Y.	26	\$15.00	\$388.89
TOTAL COST					\$23,788.89

WALNUT STREET SIDEWALK REPLACEMENT (8TH ST TO PHOEBE ST)

ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
3	REMOVE AND REPLACE CONCRETE SIDEWALK	S.F.	1,360	\$17.00	\$23,120.00
4	SIDEWALK RAMPS	EA	2	\$1,200.00	\$2,400.00
TOTAL COST					\$25,520.00

Add Alternate #3 Individual Sidewalk Costs

OAK STREET NEW SIDEWALK (8TH ST TO PHOEBE ST)					
ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
5	NEW CONCRETE SIDEWALK	S.F.	1,420	\$15.00	\$21,300.00
4	SIDEWALK RAMPS	EA	2	\$1,200.00	\$2,400.00
6	UNCLASSIFIED EXCAVATION	C.Y.	26	\$15.00	\$394.44
TOTAL COST					\$24,094.44

OAK STREET NEW SIDEWALK (7TH ST TO 8TH ST)					
ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
5	NEW CONCRETE SIDEWALK	S.F.	1,228	\$15.00	\$18,420.00
4	SIDEWALK RAMPS	EA	2	\$1,200.00	\$2,400.00
6	UNCLASSIFIED EXCAVATION	C.Y.	23	\$15.00	\$341.11
TOTAL COST					\$21,161.11

W. OAK STREET SIDEWALK (PHOEBE ST TO 10TH ST)					
ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
3	REMOVE AND REPLACE CONCRETE SIDEWALK	S.F.	960	\$17.00	\$16,320.00
5	NEW CONCRETE SIDEWALK	S.F.	1,316	\$15.00	\$19,740.00
4	SIDEWALK RAMPS	EA	2	\$1,200.00	\$2,400.00
6	UNCLASSIFIED EXCAVATION	C.Y.	24	\$15.00	\$365.56
TOTAL COST					\$38,825.56

E. OAK STREET SIDEWALK (PHOEBE ST TO 10TH ST)					
ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
3	REMOVE AND REPLACE CONCRETE SIDEWALK	S.F.	400	\$17.00	\$6,800.00
5	NEW CONCRETE SIDEWALK	S.F.	1,100	\$15.00	\$16,500.00
4	SIDEWALK RAMPS	EA	2	\$1,200.00	\$2,400.00
6	UNCLASSIFIED EXCAVATION	C.Y.	20	\$15.00	\$305.56
TOTAL COST					\$26,005.56

Add Alternate #4 Individual Sidewalk Costs

BROADWAY STREET SIDEWALK REPLACEMENT (MULBERRY ST TO FRAZIER ST)

ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
3	REMOVE AND REPLACE CONCRETE SIDEWALK	S.F.	1,400	\$17.00	\$23,800.00
4	SIDEWALK RAMPS	EA	2	\$1,200.00	\$2,400.00
				TOTAL COST	\$26,200.00

FRAZIER STREET SIDEWALK REPLACEMENT (BROADWAY ST TO 5TH ST)

ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
3	REMOVE AND REPLACE CONCRETE SIDEWALK	S.F.	1,432	\$17.00	\$24,344.00
4	SIDEWALK RAMPS	EA	2	\$1,200.00	\$2,400.00
				TOTAL COST	\$26,744.00

MULBERRY STREET SIDEWALK REPLACEMENT (5TH ST TO CAROLINE ST)

ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
3	REMOVE AND REPLACE CONCRETE SIDEWALK	S.F.	1,412	\$17.00	\$24,004.00
4	SIDEWALK RAMPS	EA	2	\$1,200.00	\$2,400.00
				TOTAL COST	\$26,404.00

FRAZIER STREET NEW SIDEWALK (CAROLINE ST TO 7TH ST)

ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
3	NEW CONCRETE SIDEWALK	S.F.	1,392	\$15.00	\$20,880.00
4	SIDEWALK RAMPS	EA	2	\$1,200.00	\$2,400.00
6	UNCLASSIFIED EXCAVATION	C.Y.	26	\$15.00	\$386.67
				TOTAL COST	\$23,666.67

FRAZIER STREET SIDEWALK REPLACEMENT (7TH ST TO 8TH ST)

ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
3	REMOVE AND REPLACE CONCRETE SIDEWALK	S.F.	1,644	\$17.00	\$27,948.00
4	SIDEWALK RAMPS	EA	2	\$1,200.00	\$2,400.00
				TOTAL COST	\$30,348.00

FRAZIER STREET SIDEWALK REPLACEMENT (8TH ST TO PHOEBE ST)

ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
3	REMOVE AND REPLACE CONCRETE SIDEWALK	S.F.	1,408	\$17.00	\$23,936.00
4	SIDEWALK RAMPS	EA	2	\$1,200.00	\$2,400.00
				TOTAL COST	\$26,336.00

Add Alternate #5 Individual Sidewalk Costs

N. BROADWAY STREET SIDEWALK REPLACEMENT (ELM ST TO OAK ST)

ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
3	REMOVE AND REPLACE CONCRETE SIDEWALK	S.F.	1,460	\$17.00	\$24,820.00
4	SIDEWALK RAMPS	EA	2	\$1,200.00	\$2,400.00
TOTAL COST					\$27,220.00

S. BROADWAY STREET SIDEWALK REPLACEMENT (ELM ST TO OAK ST)

ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
3	REMOVE AND REPLACE CONCRETE SIDEWALK	S.F.	1,460	\$17.00	\$24,820.00
4	SIDEWALK RAMPS	EA	2	\$1,200.00	\$2,400.00
TOTAL COST					\$27,220.00

N. BROADWAY STREET SIDEWALK REPLACEMENT (OAK ST TO WALNUT ST)

ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
3	REMOVE AND REPLACE CONCRETE SIDEWALK	S.F.	1,348	\$17.00	\$22,916.00
4	SIDEWALK RAMPS	EA	2	\$1,200.00	\$2,400.00
TOTAL COST					\$25,316.00

S. BROADWAY STREET SIDEWALK REPLACEMENT (OAK ST TO WALNUT ST)

ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
3	REMOVE AND REPLACE CONCRETE SIDEWALK	S.F.	2,293	\$17.00	\$38,981.00
4	SIDEWALK RAMPS	EA	2	\$1,200.00	\$2,400.00
TOTAL COST					\$41,381.00

N. BROADWAY STREET SIDEWALK REPLACEMENT (WALNUT ST TO SYCAMORE ST)

ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
3	REMOVE AND REPLACE CONCRETE SIDEWALK	S.F.	1,087	\$17.00	\$18,479.00
4	SIDEWALK RAMPS	EA	2	\$1,200.00	\$2,400.00
TOTAL COST					\$20,879.00

S. BROADWAY STREET SIDEWALK REPLACEMENT (WALNUT ST TO SYCAMORE ST)

ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
3	REMOVE AND REPLACE CONCRETE SIDEWALK	S.F.	3,195	\$17.00	\$54,315.00
4	SIDEWALK RAMPS	EA	2	\$1,200.00	\$2,400.00
TOTAL COST					\$56,715.00

N. BROADWAY STREET SIDEWALK REPLACEMENT (SYCAMORE ST TO MAPLE ST)

ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
3	REMOVE AND REPLACE CONCRETE SIDEWALK	S.F.	2,763	\$17.00	\$46,971.00
4	SIDEWALK RAMPS	EA	2	\$1,200.00	\$2,400.00
TOTAL COST					\$49,371.00

S. BROADWAY STREET SIDEWALK REPLACEMENT (SYCAMORE ST TO MAPLE ST)

ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
3	REMOVE AND REPLACE CONCRETE SIDEWALK	S.F.	980	\$17.00	\$16,660.00
4	SIDEWALK RAMPS	EA	2	\$1,200.00	\$2,400.00
TOTAL COST					\$19,060.00