

February 22, 2023

MPOJC
ATTN: Ms. Emily Bothell, Senior Transportation Planner
410 East Washington Street
Iowa City, Iowa 52240

RE: 2023 MPOJC Application for Surface Transportation Block Grant Program Funding

Dear Ms. Bothell,

The City of University Heights is pleased to submit an STBG application for roadway, sidewalk, and storm sewer work on Sunset Street and Melrose Avenue. Please let me know if you have any questions or need any additional information to evaluate the application.

Sincerely,

SHIVE-HATTERY, INC.



Josiah Bilskemper, PE

JDB

Enc.: 2023 STBG Project Application

Copy: Louise From, Mayor





The following information must be provided for all Surface Transportation Block Grant project proposals and will be provided to the MPOJC Transportation Technical Advisory Committee (TTAC) and Urbanized Area Policy Board for evaluation. MPOJC staff may contact you if additional information is required. You will have the opportunity to explain the project at a meeting of the MPOJC TTAC. MPOJC staff will score the projects; the TTAC may modify scores.

General Information

MPO: Metropolitan Planning Organization of Johnson County e-mail: emily-bothell@iowa-city.org

Eligible Sponsor/Applicant Agency: City of University Heights

Contact Person (Name & Title): Louise From, Mayor

Complete Mailing Address: 1302 Melrose Avenue

Street Address and/or Box No.

University Heights Iowa 52246 (319) 337-6900

City State Zip Daytime Phone

If more than one agency or organization is involved in this project, please state the name, contact person, mailing address, and telephone number of the second agency. *(Attach an additional page if more than two agencies are involved.)*

Applicant Agency: _____ e-mail: _____

Contact Person (Name & Title): _____

Complete Mailing Address: _____

Street Address and/or Box No.

City State Zip Daytime Phone

Project Information

Project Title: Sunset Street and Melrose Avenue Preventative Maintenance and Pedestrian Improvements

Project Description (i.e. number of proposed through lanes, turn lanes, and other critical features):

The project continues preventative maintenance consisting of replacing sections of deteriorating street panels, reconstruction of intersection curbs and ramps to maintain ADA compliant crosswalks, and replacement of sidewalk sections that are cracked, uneven, or exhibit out of compliance cross-slopes.

If this project includes land acquisition, how many acres? zero; non anticipated
(approximate)

Project Category Check all boxes that apply to indicate the categories that best describe your project.

Trails and Bicycles

- Facilities for pedestrians and bicycles including safe routes for non-drivers
- Conversion and use of abandoned railway corridors

Scenic and Historic

- Construction of turnouts, overlooks and viewing areas
- Inventory, control, or removal of outdoor advertising
- Historic preservation and rehabilitation of historic transportation facilities
- Archaeological activities relating to impacts from another eligible activity

Roadways and Bridges

- Construction, rehabilitation, preservation, or operational improvements of street facilities
- Bridge improvements including construction, rehabilitation, or preservation

Environmental

- Vegetation management practices in transportation rights-of-way
- Highway related stormwater management
- Reduction of vehicle-caused wildlife mortality or restoration of habitat connectivity
- Other _____

Estimated Project Costs

Land Cost	\$	0
Utility Relocation	\$	0
Design & Construction Engineering	\$	79,000
Construction Cost	\$	391,000
Indirect Cost (if applicable)	\$	
Other (please specify)	\$	
Total Cost	\$	470,000
STBG Fund Request	\$	325,000
Applicant Local Match (20% Minimum)	\$	145,000

	Applicant Local Match Source (20% Minimum)	Amount	Assured or Anticipated (Date Anticipated)
1.	Local Funds	\$145,000	FY 27/28
2.			
3.			

Are any state funds involved in this project? Yes No

If yes, please explain the source and conditions _____

Are any other federal funds involved in this project? Yes No

If yes, please explain the source and conditions _____

Does the project comply with the adopted MPO *Complete Streets Policy*? Yes No

Which of the following facilities are included in the proposal?

- Turn lanes
- ITS/signalization improvements
- Geometric improvements
- Separated trail or wide sidewalk (8' or wider)
- Facilities to reduce modal conflict (e.g. pedestrian hybrid beacons, bulb-outs, grade separation, bus pull-offs, etc.)
- Marked on-street bike facility

Is a focus of the project to address a safety concern at an intersection or midblock, or improve safety at a location with a collision history involving bicyclists or pedestrians? (refer to pages 18-21) Yes No

Will this project be open to the public? Yes No

Do you intend to charge a fee to users? Yes No

If yes, how much? \$ _____

What will it be used for? _____

Estimated Project Development Schedule

Design	Start Date	SPRING 2027	Completion Date	FALL 2027
Land Acquisition	Start Date	N/A	Completion Date	N/A
Construction	Start Date	SPRING 2028	Completion Date	FALL 2028

Has any part of this project been started? Yes No

If yes, explain: _____

Documentation and Narrative Information

The following documents and narratives must be attached to this application. In the upper right-hand corner of each document or narrative provide the corresponding letter shown below.

- A. A **NARRATIVE** assessing existing conditions, outlining the concept of the proposed project, and providing adequate project justification. Assess your project in regard to the transportation system relative to its functional relationship, proximity, or impact to an existing or planned transportation facility. If a regional project, assess the value of this project from a regional perspective and how it will be a functional addition to the transportation system and the region as a whole if no additional development funds are received. If a statewide or multi-regional project, assess the value of this project from a statewide or multi-regional perspective.
- B. A **DETAILED MAP** identifying the location of the project and any known environmentally sensitive areas/features.
- C. A **SKETCH-PLAN** of the project; including a typical cross-section of transportation facilities.
- D. An **ITEMIZED BREAKDOWN** of the total project costs. This documentation does not need to be a detailed, line-item type of estimate. However, it must accomplish two objectives: first, it must show the method by which the cost estimate was prepared; and second, it must enable a reviewer to determine if the cost estimate is reasonable. The manner in which these objectives are achieved may vary widely depending on the type, scope and complexity of the project. Absent a fully itemized list of costs, some general guidelines for possible methods of estimating each type of project cost are provided in Attachment A (page 9).
- E. An anticipated **TIME SCHEDULE** for the total project development. Funding for projects which fail to make satisfactory progress may be rescheduled or removed from the program by the Iowa Department of Transportation.
- F. An **OFFICIAL ENDORSEMENT** of the project from the authority to be responsible for its maintenance and operation. The authority must provide written assurance that it will adequately maintain the completed project for its intended public use for a minimum of 20 years following project completion.
- G. If applicable, a **LETTER OF SUPPORT** for the project from the scenic or historic byway board. The board's letter should also address the project's relationship to the byway's intrinsic qualities, how the project will have a statewide or multi-regional impact, and whether the project is included in the byway's current corridor management plan.
- H. A **NARRATIVE** discussing the public input process that was followed and the extent to which adjacent property owners and others have been informed of the proposed project and an assessment of their acceptance.
- I. A **MINORITY IMPACT STATEMENT** for the project.

The award of STBG funds and/or any subsequent funding or letting of contracts for design, construction, reconstruction, improvement, or maintenance; or the furnishing of materials shall not involve direct or indirect interest, prohibited by Iowa Code Sections 314.2, 362.5, or 331.342, of any state, county, or city official, elective or appointive. Any award of funding or any letting of a contract in violation of the foregoing provisions shall invalidate the award of funding and authorize a complete recovery of any funds previously disbursed.

Certification

To the best of my knowledge and belief, all information included in this application is true and accurate, including the commitment of all physical and financial resources. This application has been duly authorized by the participating local authority. I understand the attached OFFICIAL ENDORSEMENT(S) binds the participating authority to assume responsibility for adequate maintenance of any new or improved facilities.

I understand that, although this information is sufficient to secure a commitment of funds, an executed contract between the applicant and the Iowa Department of Transportation is required prior to the authorization of funds.

Representing the City of University Heights

<u><i>Louise A. From</i></u>	<u>2/21/2023</u>
Signature	Date
<u>Louise From, Mayor</u>	<u>2/21/2023</u>
Typed Name and Title	Date

City of University Heights – 2023 STBG Funding Application

Sunset Street and Melrose Avenue Preventative Maintenance and Pedestrian Improvements

Project Documentation

A: NARRATIVE

Introduction

The City of University Heights has two arterial roadways eligible for funding consideration, Sunset Street and Melrose Avenue. Past federal-aid awards have been used to successfully construct wide sidewalks along both streets, complete panel repairs, and soon, portions of Melrose Avenue will be reconstructed to a complete street roadway. As part of the MPOJC long range transportation plan, both Sunset Street and Melrose Avenue have been targeted for phases of ongoing preventative maintenance consisting primarily of street panel replacements and repairs or replacements of sidewalks, curb ramps and crosswalks.

Existing Conditions

Sunset Street and Melrose Avenue are concrete curb and gutter roadways consisting primarily of two travel lanes, with added turn lanes at signalized intersections. Sunset Street has an 8-foot walk (west) and 4-foot walk (east). Melrose Avenue has an 8-foot walk (north) and 4-foot walk (south). Traffic counts from 2018 show Sunset Street is 5,400 AADT and Melrose Avenue is 13,400 AADT (Iowa DOT 2018 Annual Average Daily Traffic Map – University Heights).

Project Concept

The project continues preventative maintenance consisting of replacing sections of deteriorating street panels, reconstruction of intersection curbs and ramps to maintain ADA compliant crosswalks, and replacement of sidewalk sections that are cracked, uneven, or exhibit out of compliance cross-slopes. Damaged storm sewer intakes adjacent deteriorated pavement will be repaired or replaced with the work, and utility manholes within new pavement will be adjusted and set securely within the pavement to reduce differential settlement.

Project Justification

Sunset Street is the north-south arterial, and Melrose Avenue is the east-west arterial. Both streets function as main transportation routes (vehicular, pedestrian, bicycle, and transit) through University Heights serving the City of Iowa City, the University of Iowa and adjacent UI Hospitals and Clinics. Deteriorating panels and potholes have been addressed with patching material, but the condition of many of these panels need full replacement instead of patching.

The Sunset Street corridor has 36 curb ramps and approximately 3,700 LF of sidewalk. The Melrose Avenue corridor has 25 curb ramps and approximately 6,000 LF of sidewalk. It is anticipated that two curb ramps will need replacement at the time of funding to maintain ADA compliance. Similarly, it is anticipated that roughly 5% of the sidewalk length will need panel replacement to eliminate trip hazards, out of compliance cross-slopes, or drainage issues.

B / C: MAP and SKETCH PLAN

Refer to attached location map that delineates the maintenance corridor for Sunset Street and Melrose Avenue, which includes the full length of each street within the city limits.

The proposed work does not redesign roadway geometry or build new facilities. Therefore, the street replacement work will be designed in accordance with SUDAS Design Standards Section 7040 (Pavement Rehabilitation), and in general utilizing the typical layouts found in SUDAS Figure 7040.101 (Full Depth PCC Patches) for this type of work.

There are no known environmentally sensitive areas expected for this type of project.

D: ITEMIZED COSTS

Refer to attached concept opinion of probable project costs.

E: TIME SCHEDULE

Funds Available (Approx.):	October 2027
Design Process:	Spring 2027 – Fall 2027
Property/Easement Acquisition:	N/A
Bidding:	Winter 2027
Construction:	Spring 2028 – Fall 2028

F: OFFICIAL ENDORSEMENT

University Heights City Council Resolution No. 23-04 (attached).

G: LETTER OF SUPPORT (SCENIC OR HISTORIC BYWAY BOARD)

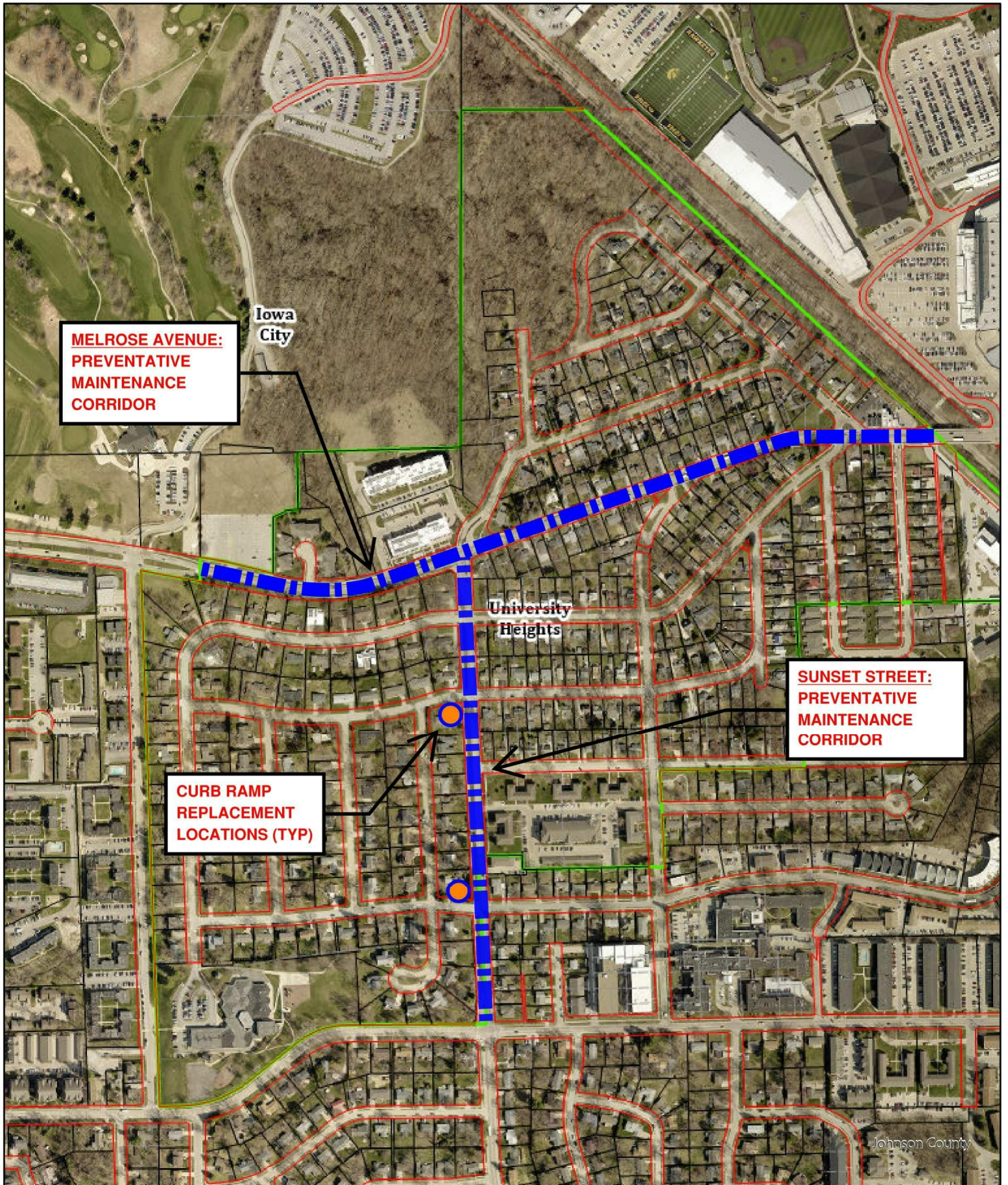
Not applicable to this project.

H: NARRATIVE – PUBLIC INPUT PROCESS

The City of University Heights has for several years targeted these needed roadway panel and sidewalk curb ramp replacements as part of the MPOJC Long Range Plan for the anticipated construction window of 2022-2030. The curb ramp replacements have been discussed during annual budgeting meetings and as part of progress updates on the work to complete the transition plan to address all curb ramps in the City.

I: MINORITY IMPACT STATEMENT

The Minority Impact Statement is attached.



**MELROSE AVENUE:
PREVENTATIVE
MAINTENANCE
CORRIDOR**

Iowa City

University Heights

**SUNSET STREET:
PREVENTATIVE
MAINTENANCE
CORRIDOR**

**CURB RAMP
REPLACEMENT
LOCATIONS (TYP)**

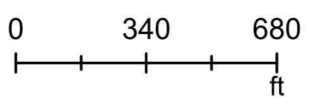
Johnson County



**Johnson County GIS
Web Printing**

University

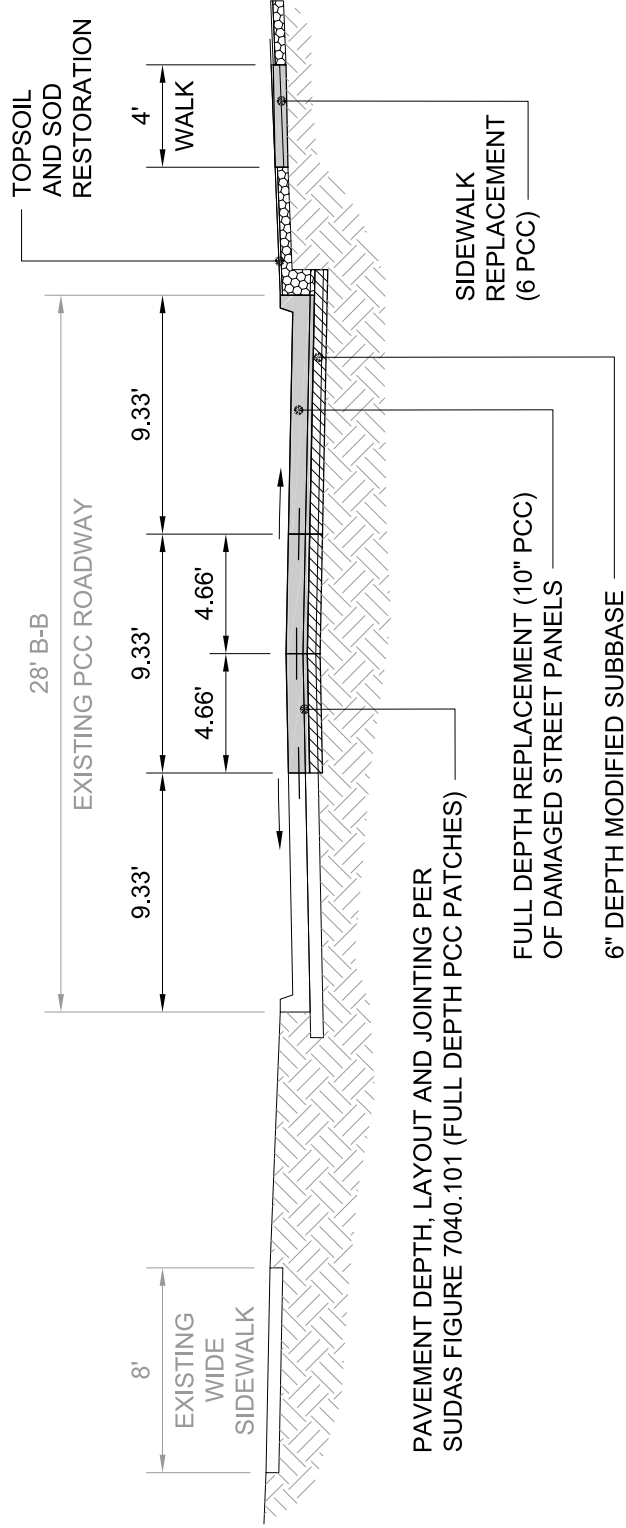
Printed: 2/17/2023



1 inch = 500 feet



The information presented herein is intended to be an accurate representation of existing records. Johnson County assumes no liability for errors or omissions. Users relying on this information do so at their own risk.



1 TYPICAL SECTION --- SUNSET AND MELROSE --- PREVENTATIVE MAINTENANCE

NOT TO SCALE



CITY OF UNIVERSITY HEIGHTS
 SUNSET STREET AND MELROSE AVENUE PREVENTATIVE MAINTENANCE AND PEDESTRIAN IMPROVEMENTS
 (WITHIN CITY LIMITS)

OPINION OF PROBABLE CONSTRUCTION COSTS
 SCHEMATIC DESIGN - FEBRUARY 2023

DESCRIPTION: Work includes continued preventative maintenance on Sunset Street and Melrose Avenue including replacement of deteriorating concrete roadway panels, refinishing manhole tops in paving, reconstructing curb ramps to be ADA compliant, replacement of storm sewer intakes adjacent the repair work, and replacement of damaged or out of compliance sidewalk sections.

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT COST	EXTENDED COST
1	REMOVE AND REPLACE, 10-INCH PCC PAVEMENT WITH SUBBASE	PANEL	40	\$ 4,700	\$ 188,000
2	REMOVE AND REPLACE, INTERSECTION CORNER CURB RAMP AND PAVEMENT	EACH	2	\$ 25,000	\$ 50,000
3	REMOVE AND REPLACE, STORM SEWER PIPE AND CURB INTAKES	EACH	2	\$ 12,250	\$ 24,500
4	REMOVE AND REPLACE, 6-INCH PCC SIDEWALK PANELS	SY	270	\$ 90	\$ 24,300
5	MANHOLE ADJUSTMENT, MAJOR	EACH	4	\$ 3,500	\$ 14,000
6	TRAFFIC CONTROL	LS	1	\$ 18,000	\$ 18,000
7	MOBILIZATION	LS	1	\$ 20,000	\$ 20,000
8	EROSION CONTROL / SWPPP / SODDING	LS	1	\$ 8,000	\$ 8,000
9	CONSTRUCTION SURVEY	LS	1	\$ 8,000	\$ 8,000
				Subtotal Construction = \$	355,000
				10% Contingency = \$	36,000
OPINION OF PROBABLE CONSTRUCTION COST = \$					391,000
				Engineering, Legal, Admin (20%) = \$	79,000
				Easements / Acquisitions = \$	-
				Utility Relocation = \$	-
TOTAL OPINION OF PROBABLE PROJECT COST = \$					470,000

RESOLUTION NO. 23-04

RESOLUTION AUTHORIZING ENDORSING OF THE SUNSET STREET AND MELROSE AVENUE PAVEMENT REPAIR AND PEDESTRIAN IMPROVEMENTS PROJECT

WHEREAS, the City of University Heights intends to implement roadway pavement repair and sidewalk curb ramp improvements along Sunset Street and Melrose Avenue; and

WHEREAS, the City endorses the Sunset Street and Melrose Avenue pavement repair and pedestrian improvements project; and

WHEREAS, the City will adequately maintain the completed project for its intended public use for a period of 20 years following the project completion; and

WHEREAS, the City's obligation to "maintain" the project does not include or impose any duty upon the City to remove natural accumulations of snow and ice from the sidewalk,

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF UNIVERSITY HEIGHTS, IOWA that the Sunset Street and Melrose Avenue Pavement Repair and Pedestrian Improvements project is hereby endorsed.

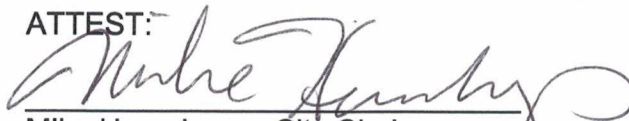
Upon motion by GAHN, and seconded by SWAILES, the vote was as follows:

	AYE	NAY	ABSENT	ABSTAIN
Gahn	<u>X</u>	_____	_____	_____
Moore	<u>X</u>	_____	_____	_____
Schroeder	_____	_____	<u>X</u>	_____
Scott	<u>X</u>	_____	_____	_____
Swailles	<u>X</u>	_____	_____	_____

Upon Roll Call thus recorded, the Resolution is declared adopted this 14th day of February, 2023.



Louise From, Mayor
City of University Heights

ATTEST:


Mike Haverkamp, City Clerk

Minority Impact Statement

Pursuant to 2008 Iowa Acts, HF 2393, Iowa Code 8.11, all grant applications submitted to the State of Iowa that are due beginning Jan. 1, 2009, shall include a Minority Impact Statement. This is the state's mechanism for requiring grant applications to consider the potential impact of the grant project's proposed programs or policies on minority groups.

Please choose the statement(s) that pertains to this grant application. Complete all the information requested for the chosen statement(s). Submit additional pages as necessary.

- The proposed grant project programs or policies could have a disproportionate or unique **positive** impact on minority persons.

Describe the positive impact expected from this project.

Not Applicable

Indicate which groups are impacted.

- Women Persons with a disability Blacks Latinos Asians
 Pacific Islanders American Indians Alaskan Native Americans Other _____

- The proposed grant project programs or policies could have a disproportionate or unique **negative** impact on minority persons.

Describe the negative impact expected from this project.

Not Applicable

Present the rationale for the existence of the proposed program or policy.

Not Applicable

Provide evidence of consultation with representatives of the minority groups impacted.

Not Applicable

Indicate which groups are impacted.

- Women Persons with a disability Blacks Latinos Asians
- Pacific Islanders American Indians Alaskan Native Americans Other _____

The proposed grant project programs or policies are **not expected to have** a disproportionate or unique impact on minority persons.

Present the rationale for determining no impact.

The project consists of replacing deteriorated concrete roadway panels and sidewalk panels on Sunset Street within the City of University Heights. The project will be entirely within the City right-of-way and granted construction easements. This preventative maintenance work is intended to maintain the suitability of the roadway and sidewalks for vehicle, bicycle and pedestrian traffic. This type of work provides benefits to all users of the right-of-way.

I hereby certify that the information on this form is complete and accurate, to the best of my knowledge.

Name Josiah Bilskemper, PE

Title City Engineer

Definitions

"Minority Persons," as defined in Iowa Code 8.11, means individuals who are women, persons with a disability, Blacks, Latinos, Asians or Pacific Islanders, American Indians, and Alaskan Native Americans.

"Disability," as defined in Iowa Code 15.102, subsection 7, paragraph "b," subparagraph (1):

b. As used in this subsection:

- (1) "*Disability*" means, with respect to an individual, a physical or mental impairment that substantially limits one or more of the major life activities of the individual, a record of physical or mental impairment that substantially limits one or more of the major life activities of the individual, or being regarded as an individual with a physical or mental impairment that substantially limits one or more of the major life activities of the individual.

"*Disability*" does not include any of the following:

- (a) Homosexuality or bisexuality.
- (b) Transvestism, transsexualism, pedophilia, exhibitionism, voyeurism, gender identity disorders not resulting from physical impairments or other sexual behavior disorders.
- (c) Compulsive gambling, kleptomania, or pyromania.
- (d) Psychoactive substance abuse disorders resulting from current illegal use of drugs.

"State Agency," as defined in Iowa Code 8.11, means a department, board, bureau, commission, or other agency or authority of the State of Iowa.