

Memorandum

To: Programs, Projects, and Operations Subcommittee

From: Eric Williams

Date: April 3, 2025

RE: FY 2026 Cost Share Programs

- a. Urban Drainageway Program
- b. Recreation Area Development Program
- c. Trails Assistance Program

The District solicited applications for the urban cost share programs from the various units of government in the District for the upcoming fiscal year. The following applications were received.

Urban Conservation Assistance Program

The Urban Conservation Assistance Program (UCAP) cost shares with units of government to solve relatively minor erosion, flooding, and stormwater management problems within their jurisdiction. The Policy Manual allows for Management approval of all applications.

No applications were received for this program for FY 2026.

Stream Crossing Grade Control

The purpose of the program is to provide technical and financial assistance for grade control including road and utility crossings. Cost share is 50% of eligible costs up to \$150,000 per project.

No applications were received for this program for FY 2026.

Urban Drainageway Program

The Urban Drainageway Program (UDP) provides cost share to units of government to rehabilitate major urban drainageways within their jurisdiction. The cost share rate varies depending on the level of rehabilitation. This program was redefined by the Board in 2011. Board approval is required on all applications. New program applications were received and are outlined below.

Omaha, Eagle Run Creek

This section of creek has experienced incision and erosion damage including the energy dissipation outlet structure on the downstream end of the culvert under 144th Street. The City of Omaha has a cost share agreement with Champions Run Golf Course for implementation of a comprehensive project to restore and improve the channel. Contribution from the UDP would be limited to improvements to facilities which are maintained by the City of Omaha for public benefit.

Papillion, Matthies and Delmar Creek

This section of the creek is downstream from recent work to restore and improve the channel adjacent to the new Tower District. Erosion damage along this section of creek is threatening an aerial sanitary sewer crossing, and a significant water main from the water tower. This project will protect both public infrastructure and private property.

South Sioux City

Flat topography causes difficult drainage challenges across South Sioux City. Past projects have provided environmental benefits and water quality improvements, and the city is looking to use naturally-focused design strategies to improve existing conditions and expand drainage which flows toward Crystal Cove Lake. The project includes upgrades to an existing basin, channel restoration, a new water quality basin, and connection to existing wetlands.

The following table summarizes the FY 2025 applications.

| <u>Sponsor, Project</u> | <u>Total Estimated Cost</u> | <u>FY 2026 Cost Share</u> |
|--|-----------------------------|---------------------------|
| Omaha, Eagle Run Creek | \$2,025,000 | \$450,000 |
| Papillion, Matthies and Delmar Creek | \$545,000 | \$218,000 |
| SSC, Drainage Improvements at Crystal Cove | \$285,177 | \$213,883 |
| Total | \$2,855,177 | \$881,883 |

- **Management recommends that the Subcommittee recommend to the Board of Directors that the applications from the City of Omaha for \$450,000, the City of Papillion for \$218,000, and South Sioux City for \$213,883 for a total of \$881,883 be approved, subject to funding in the FY 2026 Budget.**

Recreation Area Development Program

The Recreation Area Development Program (RAD) cost shares with communities to develop and improve recreation areas within their jurisdiction. The cost share rate is 50%. On projects requesting more than \$20,000, the Policy Manual requires Board approval. On all others, Management has approval authority.

Fort Calhoun, Ballfield ADA Restrooms

Increased interest in recreation activities from residents in Fort Calhoun has led the city to accelerate the timeline for upgrades to the restroom facilities at the public ballfields. A new facility will be constructed which will follow ADA guidelines and will provide benefits to members of the community who use the ballfields.

Omaha, Churchich Park Playground Improvements

Recent improvements have been made at Churchich Park and the City of Omaha now plans to continue providing additional facilities by constructing a new playground.

Omaha, Dahlman Park Playground Improvements

This project proposes demolishing the existing basketball and volleyball courts, removing and replacing portions of concrete walkways, replacing benches, installing a new 3,775 sq. ft. playground, installing new drainage systems, constructing a new half basketball court, constructing a new sand volleyball court, and installing new walkway connections.

Papillion, Halleck Park Playground Resurfacing

Halleck Park is located in the center of Papillion and have seen increasing popularity. The city is asking for cost share funding toward replacing the wooden chip playground surface with a poured rubber surface and installing new playground equipment.

South Sioux City, Baumer Park Playground

This is the newest park in South Sioux City and cost share funding is requested to add a play structure, benches, and a new surface to improve safety for children while they are enjoying the park.

South Sioux City, Freedom Park Play Structure

Following a study of community facilities, comprehensive upgrades are planned for City Park located in the middle of town. This phase will include site preparation, sports courts, a shade structure, landscaping, and lighting.

The following table summarizes the FY 2026 applications.

| <u>Sponsor, Project</u> | <u>Total Estimated Cost</u> | <u>FY 2026 Cost Share</u> |
|---------------------------------------|-----------------------------|---------------------------|
| Fort Calhoun, Ballfield ADA Restrooms | \$340,134 | \$50,000 |
| Omaha, Churchich Park Playground | \$294,213 | \$50,000 |
| Omaha, Dahlman Park Improvements | \$245,045 | \$50,000 |
| Papillion, City Park Upgrades | \$193,610 | \$50,000 |
| SSC, Baumer Park Playground | \$281,546 | \$50,000 |
| SSC, Freedom Park Play Structure | \$110,150 | \$50,000 |
| Total | \$1,464,698 | \$300,000 |

- **Management recommends that the Subcommittee recommend to the Board of Directors that the applications from Fort Calhoun for \$50,000, the City of Omaha for \$50,000 and \$50,000, the City of Papillion for \$50,000, and South Sioux City for \$50,000 and \$50,000 for a total of \$300,000 be approved, subject to funding in the FY 2026 Budget.**

Flood Mitigation Planning and Mapping Assistance Program

This program provides technical and financial assistance to governmental entities to help identify flood prone areas and plan projects to reduce flood risk and damage. Cost sharing is 50% of eligible costs of the project to a maximum amount of \$50,000.

No applications were received for this program for FY 2026.

Trails Assistance Program

The Trails Assistance Program cost shares with sponsors on trail projects to provide recreation and active transportation opportunities in the District. The cost share rate is 50% of the local share. All projects require Board approval.

Douglas County, Trails Master Plan

The Western Douglas County Trails Plan, developed in 2003, provided an initial framework for recreation, active transportation, and access to natural resources in the western portions of Douglas County. Several projects have moved forward since the initial plan and Douglas County is requesting cost share funding to assist with updating the plan. District staff have been in close communication with staff from the county, and the Elkhorn River Trail Bridge project from the District is a key component of the plan. Adjacent components will be identified in the plan to provide connections spanning the entirety of Douglas County and into other MAPA-region counties.

Ralston, Ralston Creek Trail

Ralston is currently working on a comprehensive project along the creek to improve stormwater, protect public infrastructure and private property, and provide increased recreation, active transportation, and access to natural resources. The District approved cost share funding toward the stormwater portion of the project and Ralston is now asking for assistance toward the trail along the same corridor.

Sarpy County, Giles Road Trail

The proposed project aims to establish a new trail that will connect 169th Street and 175th Street. This trail is designed to run along the Giles Road corridor, providing a safe and accessible pathway for pedestrians and cyclists. The route will be strategically positioned adjacent to WP-2, enhancing the scenic views and recreational opportunities in the area.

SID 313 (Sarpy County), Garden Oaks Trail

This trail will connect from Sugar Creek (SID 309) to Garden Oaks (SID 313) following Beadle Creek and will provide additional access to recreation facilities along the creek.

SID 405 (Douglas County), Deer Creek Trail Phase 3

Trails connecting along the Big Papio Creek to Tranquility Park and the downstream side of the dam at Standing Bear Lake are part of the City of Omaha Trails Master Plan. These projects are the responsibility of the neighborhoods where they are located, and multiple SIDs are now working to construct these connections. A multi-phase program has been submitted for consideration for cost share funding. Following successful phased approaches on other trail corridors, the recommendation for funding is to begin with Phase 3 of the program and coordinate with the SIDs and City of Omaha toward a long term approach for design and construction of additional phases.

South Sioux City, YMCA Trail

This project will construct a trail around the perimeter of the Norm Waitt Sr. YMCA. The facility is on city-owned property and will provide expansion and improvement to existing recreation opportunities.

The following table summarizes the FY 2026 applications.

| <u>Sponsor, Project</u> | <u>Total Estimated Cost</u> | <u>FY 2026 Cost Share</u> |
|------------------------------------|-----------------------------|---------------------------|
| Douglas County, Trails Master Plan | \$196,880 | \$19,690 |
| Ralson, Ralston Creek Trail | \$360,950 | \$180,475 |
| Sarpy County, Giles Road Trail | \$357,000 | \$178,500 |
| SID 313, Garden Oaks Trail | \$500,000 | \$250,000 |
| SID 405, Deer Creek Trail Phase 3 | \$270,172 | \$135,086 |
| SSC, YMCA Trail | \$60,000 | \$30,000 |
| Total | \$1,745,002 | \$793,751 |

- **Management recommends that the Subcommittee recommend to the Board of Directors that the applications from Douglas County for \$19,690, City of Ralston for \$180,475, Sarpy County for \$178,500, SID 313 for \$250,000, SID 405 for \$135,086, and South Sioux City for \$30,000 for a total of \$793,751 be approved, subject to funding in the FY 2026 Budget.**

Lake Dredging Program

This program is designed to cost share with municipalities to remove sediment from lakes providing public recreation. The cost share rate is 50% of the local cost up to a maximum of \$100,000.

No applications were received for this program for FY 2026.

Flood Mitigation Assistance Program

The Flood Mitigation Assistance Program (FMAP) is an authorized program to provide technical and financial assistance to municipalities and other units of government to mitigate flood losses through structural flood control projects in developed, urban areas. This program provides 50% cost share on eligible costs of the project to a maximum amount of \$500,000.

No applications were received for this program for FY 2026.



URBAN DRAINAGEWAY PROGRAM APPLICATION FORM

Project Name: OPW 54689 144th & West Maple Creek Outfall Repair

Project Location: 144th & W Maple Rd
(attach location map)

Sponsor Organization: City of Omaha

Sponsor Address: 1819 Farnam Street

City/State/Zip: Omaha, NE 68183

Contact Person: Selma Kessler or Andy Szatko

Title: Design Division Stormwater Manager

Daytime Phone: 402-444-3915 Home Business Mobile

E-mail Address: selma.kessler@cityofomaha.org / andy.szatko@cityofomaha.org

Description of problem (attach additional sheets as needed):

Severe channel degradation and bank failures on Eagle Run Creek from approximately 144th Street to 138th Street, south of West Maple Road in Omaha. See attachment for additional information.

Proposed solution (attach additional sheets as needed):

Restoring and stabilizing channel with techniques including raising the stream bed, adding flood benches, riffles and pools, and creating stable vegetated side slopes. See attachment for additional information.

Level of Design: Level 1 Level 2 Level 3

Total Estimated Cost: \$ 2,025,000 Cost Share Request: \$ 450,000

Szatko, Andrew D (PWks) Date: 2025.03.21 Date: 03/21/2025
13:11:23-05'00'

Signature _____

Project Manager _____

Title _____

memo

To: Selma Kessler and Andy Szatko, City of Omaha
From: Aaron Hirsh, PE, CFM
Date: 03/20/2025
Subject: OPW 54689 - 144th St & W Maple Creek Culvert Outfall
Urban Drainageways Program Application

Introduction

Eagle Run Creek has been experiencing channel degradation which includes incision and sloughing of the stream banks. Due to the stream instability and lack of vertical grade control the storm outfalls along the stream reach have failed which includes the energy dissipator at the outlet of the 144th Street culvert outlet just south of the W Maple Rd intersection. The failure of this outlet is threatening the culvert integrity and stream stability of the surrounding area and is in need of immediate repair. Due to this, the City of Omaha included repair of the failed energy dissipator within the Capital Improvement Plan (CIP). A significant portion of Eagle Run Creek is located within Champions Run Golf Course (CRGC). Stream incision through the CRGC property has caused threats to safety and public infrastructure, and the existing pond on the golf course property has silted in. As a result, CRGC approached the City of Omaha about a partnership to complete a stream stabilization project that would be mutually beneficial by restoring a portion of Eagle Run Creek between 144th Street and the CRGC pond, stabilizing several public storm sewer outfalls, and dredging the pond. The stream restoration is critical component to properly and holistically stabilize the culvert outfall at 144th Street.

Stream Assessment Summary

The creek was determined to be stable down near the CRGC pond with adequate access to its floodplain for overbank flows, but stream conditions progressively become worse upstream towards 144th Street with incised channels and mass bank failures. Upstream urbanization has resulted in increased stream flows and velocities, causing the channel to incise. The channel incision has cut the stream off from its floodplain forcing all the flow into a smaller flow area, thereby increasing velocities, and accelerating erosion. The area near the 144th Street culvert exhibited the most extreme degradation with sheer vertical banks over 20-feet high on either side. Downstream from the 144th Street culvert there are two back-to-back 90-degree stream bends which show significant bank-cutting on the outside bends. These banks will continue to cut, undermine, and slough off causing the creek to widen, sending more soil downstream, and potentially exposing the 12-inch sanitary sewer in this location over time. The stream condition assessment can be found in **Attachment 1** of this document as well as in an ArcGIS Story Map that can be accessed using the following link: <https://arcg.is/1y58n01>.

Project Summary

To resolve these ongoing stream degradation issues the City and CRGC are proposing restoration of the creek. The proposed design includes creating a stable stream profile by raising the creek and placing riffles and grouted boulder drop structures to maintain stability. The stream will be improved to include a riffle/pool system. The channel shape and form will be improved by including a low flow channel with flood benches that includes vegetated flood benches and slopes. As part of this project the 144th Street outfall will be protected with the inclusion of a grouted rock dissipation basin and sheet pile grade control.

The 90% design plans for the stream restoration are included in **Attachment 2**. The level opinion of probable construction cost (OPCC) for the channel improvements* is approximately **\$1,687,000**. The detailed OPCC can be found in **Attachment 3**.

*Please note that the full project also includes dredging of the downstream pond and resetting of two storm sewer outfalls. Because pond dredging and enclosed storm sewer are not eligible Urban Drainageway items, those have been removed from the attached cost estimate.

Project Funding

The project is pursuing \$450,000 (27% of construction costs) in funding through the Papio-Missouri River NRD (PMRNRD) Urban Drainageway Program (Level 2 Rehabilitation). The project has been awarded \$300,000 in funding through the Nebraska Department of Environment and Energy (NDEE) Section 319(h) grant program for non-point source pollution elimination, and \$300,000 in funding through the Nebraska Environmental Trust (NET).

When the two existing grants are considered, the \$450,000 request from PMRND would represent approximately 40% of the remaining (non-grant funded) construction cost, or 32% of the remaining total project cost (including design). A breakdown of the estimated project costs is shown in Table 1 below, with the PMRNRD requested amount included.

| | Non-Grant Funding (City and CRGC funded) | NDEE Section 319(h) | NET | PMRNRD | Total |
|---------------|---|------------------------|-----------|-----------|-------------|
| Design (20%) | \$337,000 | -- | -- | -- | \$337,000 |
| Construction | \$637,000 | \$300,000 | \$300,000 | \$450,000 | \$1,687,000 |
| Total Project | \$975,000 | \$300,000 | \$300,000 | \$450,000 | \$2,025,000 |

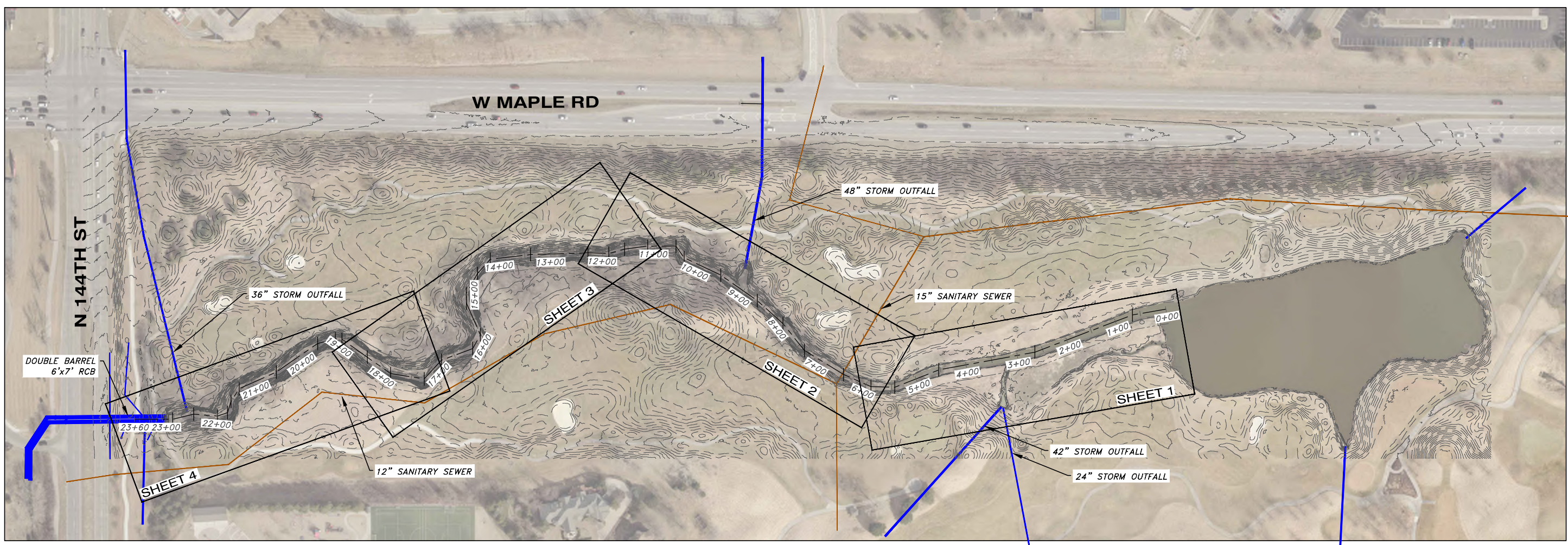
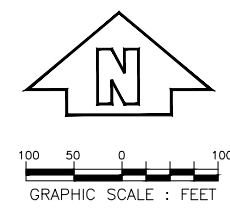
Table 1. Estimated Project Cost Breakdown

Project Schedule

This project is planned for advertising in May of 2025. The entire project lies completely within CRGC property, there will be no need for right-of-way or easements. The construction will start in September of 2025 with construction being conducted in the winter months and completion is planned for the spring of 2026. This will mean that the entire project will be completed in the PMRNRD's FY 2026, and all funding/reimbursement requests are anticipated to be submitted in FY 2026.

attachment 1

Stream Conditions Assessment



FILENAME: C:\Users\AaronHirsh\DC\ACCDocs\Embris Group\230034.00 OPW 54689 144th & W Maple Creek Outfall Repair\Project Files\Drawings\1D-230034 Creek PNP.dwg
 DATE PLOTTED: 2/9/2024 4:36 PM DRAWN BY: ## PLOT SCALE: 1:2

| REVISIONS |
|-----------|
| |
| |
| |
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**STREAM
CONDITIONS
KEY MAP**

**144TH ST & W MAPLE
CREEK CULVERT
OUTFALL
OPW 54689**



CITY OF OMAHA
PUBLIC WORKS DEPARTMENT
 Omaha/Douglas Civic Center
 1819 Farnam Street, Suite 600, Omaha, Nebraska 68183

ISSUE DATE
 11/27/2023
 DESIGN BY
 AJH
 DRAWN BY
 JMO
 SHEET
KEY MAP

**ENGINEER'S OPINION OF PROBABLE COST - 90% DESIGN
CITY OF OMAHA, NE
OPW 54689 144TH ST & W MAPLE CREEK CULVERT OUTFALL - CHANNEL IMPROVEMENTS ONLY**

| LINE ITEM | STANDARD BID ITEM NUMBER | ITEM DESCRIPTION | BID QUANTITY | UNIT | UNIT PRICE | TOTAL FOR BID ITEM |
|------------------|---------------------------------|--|---|-------------|-------------------|---------------------------|
| 1 | 1109.000 | MOBILIZATION/DEMobilIZATION | 1 | LS | \$200,000.00 | \$200,000.00 |
| 2 | 101.100 | STORMWATER POLLUTION PREVENTION PLAN (SWPPP) MAINTENANCE ALLOWANCE | 1 | LS | \$10,000.00 | \$10,000.00 |
| 3 | 9000.000 | TRAFFIC CONTROL | 1 | LS | \$2,000.00 | \$2,000.00 |
| 4 | 101.005 | INSTALL CONSTRUCTION ENTRANCE | 2 | EA | \$7,500.00 | \$15,000.00 |
| 5 | 101.000 | INSTALL SWPPP NOTIFICATION SIGN | 2 | EA | \$800.00 | \$1,600.00 |
| 6 | 8000.006 | ENVIRONMENTAL ALLOWANCE | 1 | LS | \$10,000.00 | \$10,000.00 |
| 7 | 8000.007 | DEWATERING AND SURFACE WATER CONTROL | 1 | LS | \$50,000.00 | \$50,000.00 |
| 8 | 102.000 | CLEARING AND GRUBBING - GENERAL | 1 | LS | \$50,000.00 | \$50,000.00 |
| 9 | 102.010 | CLEARING AND GRUBBING TREES OVER 9" TO 18" DIAMETER | 89 | EA | \$750.00 | \$66,750.00 |
| 10 | 102.020 | CLEARING AND GRUBBING TREES OVER 18" TO 27" DIAMETER | 13 | EA | \$1,200.00 | \$15,600.00 |
| 11 | 102.030 | CLEARING AND GRUBBING TREES OVER 27" TO 36" DIAMETER | 3 | EA | \$1,800.00 | \$5,400.00 |
| 12 | 102.040 | CLEARING AND GRUBBING TREES OVER 36" TO 48" DIAMETER | 10 | EA | \$2,000.00 | \$20,000.00 |
| 13 | 103.125 | REMOVE PIPE SUPPORT | 2 | EA | \$4,000.00 | \$8,000.00 |
| 14 | 103.005 | REMOVE 36" SEWER PIPE | 47 | LF | \$35.00 | \$1,645.00 |
| 15 | 103.007 | REMOVE 48" SEWER PIPE | 36 | LF | \$75.00 | \$2,700.00 |
| 16 | 9000.000 | REMOVE DRAIN TILE | 180 | LF | \$15.00 | \$2,700.00 |
| 17 | 9000.000 | REMOVE PLASTIC DRAIN STRUCTURE | 6 | EA | \$300.00 | \$1,800.00 |
| 18 | 105.120 | REMOVE MULTI-USE TRAIL | 540 | SY | \$15.00 | \$8,100.00 |
| 19 | 9000.000 | CAP AND MARK IRRIGATION LINE | 16 | EA | \$100.00 | \$1,600.00 |
| 20 | 201.000 | EXCAVATION ON-SITE | 11,270 | CY | \$18.00 | \$202,860.00 |
| 21 | 201.100 | EXCAVATION HAUL-OFF | 0 | CY | \$25.00 | \$0.00 |
| 22 | 201.300 | EMBANKMENT - BORROW | 1,920 | CY | \$15.00 | \$28,800.00 |
| 23 | 9000.000 | CONSTRUCT ROCK RIFFLE REACH 1 - 12" DROP | 4 | EA | \$15,000.00 | \$60,000.00 |
| 24 | 9000.000 | CONSTRUCT ROCK RIFFLE REACH 2 - 12" DROP | 2 | EA | \$17,000.00 | \$34,000.00 |
| 25 | 9000.000 | CONSTRUCT GROUTED BOULDER DROP STRUCTURE | 2 | EA | \$100,000.00 | \$200,000.00 |
| 26 | 9000.000 | CONSTRUCT DISSIPATION POOL AND APRON - BOX CULVERT OUTFALL | 1 | EA | \$180,000.00 | \$180,000.00 |
| 27 | 204.100 | CONSTRUCT FLOWABLE FILL - 100-125 PSI | 15 | CY | \$750.00 | \$11,250.00 |
| 28 | 602.000 | CONSTRUCT SHEET PILE | 2,560 | SF | \$60.00 | \$153,600.00 |
| 29 | 9000.000 | CONSTRUCT SHEET PILE CAP | 1 | LS | \$5,000.00 | \$5,000.00 |
| 30 | 503.500 | CONSTRUCT 6" PCC MULTI-USE TRAIL | 1,530 | SF | \$15.00 | \$22,950.00 |
| 31 | 9000.000 | CONSTRUCT ASPHALT CART PATH | 65 | TON | \$250.00 | \$16,335.00 |
| 32 | 9000.000 | FURNISH AND INSTALL PERMANENT PROJECT INTERPRETIVE SIGN | 1 | EA | \$2,500.00 | \$2,500.00 |
| 33 | 801.000 | REMOVE TOPSOIL | 7,700 | SY | \$4.00 | \$30,800.00 |
| 34 | 801.100 | PLACE TOPSOIL | 7,700 | SY | \$4.00 | \$30,800.00 |
| 35 | 803.001 | INSTALL ROLLED EROSION CONTROL, TYPE II | 34,003 | SY | \$2.00 | \$68,005.78 |
| 36 | 9000.000 | INSTALL COIR FABRIC MATTING | 13,130 | SY | \$5.00 | \$65,650.00 |
| 37 | 9000.000 | INSTALL SEEDING - TYPE WETLAND | 1.4 | AC | \$3,000.00 | \$4,234.85 |
| 38 | 9000.000 | INSTALL SEEDING - TYPE FLOODPLAIN | 1.3 | AC | \$2,500.00 | \$3,252.98 |
| 39 | 9000.000 | INSTALL SEEDING - TYPE LOW GROW | 4.0 | AC | \$2,500.00 | \$10,086.77 |
| 40 | 9000.024 | LIVE STAKES | 50 | EA | \$80.00 | \$4,000.00 |
| | | | Total Opinion of Construction Cost | | | \$1,607,020.38 |
| | | | Construction Contingency (5%) | | | \$80,352.00 |
| | | | TOTAL CONSTRUCTION COST | | | \$1,687,372.38 |



URBAN DRAINAGEWAY PROGRAM APPLICATION FORM

Project Name: Matthies and Delmar Creek Stream Stabilization

Project Location: Matthies Dr and Delmar St
(attach location map)

Sponsor Organization: City of Papillion

Sponsor Address: 9909 Portal Road

City/State/Zip: Papillion, NE 68046

Contact Person: Alex Evans, P.E.

Title: City Engineer

Daytime Phone: 402-597-2044 Home Business Mobile

E-mail Address: aevans@papillion.org

Description of problem (attach additional sheets as needed):


An existing 8" sanitary sewer aerial crossing has two concrete abutments which have been undermined and are at risk of subsidence and failure. Additionally, the sanitary sewer aerial crossing is exposed with a fallen tree resting on it, posing the risk of failure and sanitary sewer discharge directly into the stream. The City is undertaking improvements to the sanitary aerial crossing and storm drainage in the area as a separate project, but is looking to conduct more holistic stream stabilization at the aerial crossing.

Proposed solution (attach additional sheets as needed):

The proposed project includes raising the stream bed approx. 2 feet to previous stream elevation, construction of five rock riffle grade control structures, replacement of a failing sheet pile wall, stabilization/replacing one existing concrete abutment, and constructing one new concrete abutment. See attached report for further information.

Level of Design: Level 1 Level 2 Level 3

Total Estimated Cost: \$ 545,000 Cost Share Request: \$ 218,000

 Date: 4/1/2025

Signature

City Engineer

Title

memo

To: Alex Evans, City of Papillion

From: Aaron Hirsh, PE, CFM

Date: 03/21/2025

Subject: Matthies & Delmar Stream Stabilization – Urban Drainageway Program Application

Introduction

An 8” sanitary sewer aerial crossing between the Matthies Dr & Delmar St intersection and the South Dr & Jefferson St intersection in Papillion, Nebraska is exhibiting undermining of its two concrete abutments, which are at risk for subsidence and failure. The sanitary aerial crossing is exposed across the creek and has a fallen tree laying across it, which poses a risk of pipe breakage and sanitary sewer discharge directly into the stream. Additionally, along the entire length of the creek there is also a 24” water main from the City’s water tower, which is at risk of potential exposure from ongoing and future stream degradation. Due to these factors, the City of Papillion contracted with Embris Group to conduct a stream assessment and to develop a conceptual plan for the stream stabilization project.

Stream Assessment Summary

Overall, the unnamed creek was determined to be actively incising/widening between the 8” sanitary aerial crossing and the S Washington Street (84th Street) box culvert. On the banks of the creek just downstream of the S Washington Street (84th Street) culvert there are sheer vertical banks over 8 feet tall that are posing risks to the stability of the 8” sanitary sewer aerial crossing. There is apparent undermining of both concrete abutments of the 8” aerial crossing. The southern abutment also serves as the headwall of the 24” storm sewer, which is currently stable but is starting to get undermined with the bottom of the footing exposed. The northern abutment behind the sheet pile wall is currently undermined and only being supported by a tree root. This could lead to failure of the aerial crossing if the supports continue being undermined. The stream condition assessment can be found in **Attachment 1** of this document as well as in an ArcGIS Story Map that can be accessed using the following link: <https://arcg.is/HufWq0>.



Photos:

Left - South Concrete Abutment/Headwall Structure showing exposed footing

Right – North Concrete Footer supported by tree root

Conceptual Plan Summary

The proposed stream stabilization conceptual plan includes raising the creek approximately 2 feet, restoring it to its prior elevation, reducing the volatility and erosion occurring at the existing steep slope between the 8” sanitary sewer aerial crossing and the S Washington St (84th Street) 8’x10’ RCB culvert. Raising of the stream bed addresses the undermining of the existing 8” sanitary sewer aerial crossing south abutment, which also serves as the headwall of the 24” storm sewer outfall. The stream is proposed to be raised through the installation of a total of five rock riprap riffles that will prevent head cuts from working further upstream and preventing the stream bed drop that has been observed. On the north bank, the existing failing sheet pile wall will be rebuilt, shifted back, and extended. The new sheet pile wall will be extended downstream of the 8” sanitary aerial crossing to protect the north bank from adjacent flows from the 24” storm outfall. In conjunction with the new sheet pile wall a new north concrete abutment will be constructed to properly support the 8” sanitary sewer aerial crossing.

The conceptual stream stabilization plan is displayed in **Attachment 2**. Overall, the conceptual opinion of probable cost (OPC) for the stream stabilization project is **\$545,000**, including engineering design, construction, and construction administration. The detailed OPC can be found within **Attachment 3**.

The stream stabilization work will be performed in tandem with larger scale sanitary and storm sewer improvements as shown in the conceptual plans found in **Attachment 4** and conceptual opinion of probable cost of **\$1.99 million** as detailed in **Attachment 5**. It is our understanding that the sanitary and storm improvements will be funded through a City budget amendment going to council on May 15, 2025. In this concept, the aerial crossing was proposed to be protected with new concrete abutments, W-beam reinforcement, and riprap channel protection. If the stream stabilization work is completed, a more holistic approach to solving stream degradation issues could be realized, as well as potential cost savings.

Project Funding and Schedule

The project is pursuing **\$218,000** in funding (40% of project cost) through the Papio-Missouri River NRD (PMRNRD) Urban Drainageways Program to help close existing funding gaps and turn the project into reality. The remainder of the project funding will be through the City of Papillion as detailed in **Table 1**.

This project is planned for engineering design/permitting in fiscal year 2026 and bidding in early 2026. Due to ownership of the creek being several private residents with unknown easements, there will be a need for right-of-way or easements acquisitions – which the City will fund and handle internally. The anticipated construction will start in September 2026 with completion over the winter for Spring 2027.

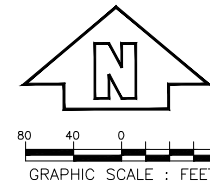
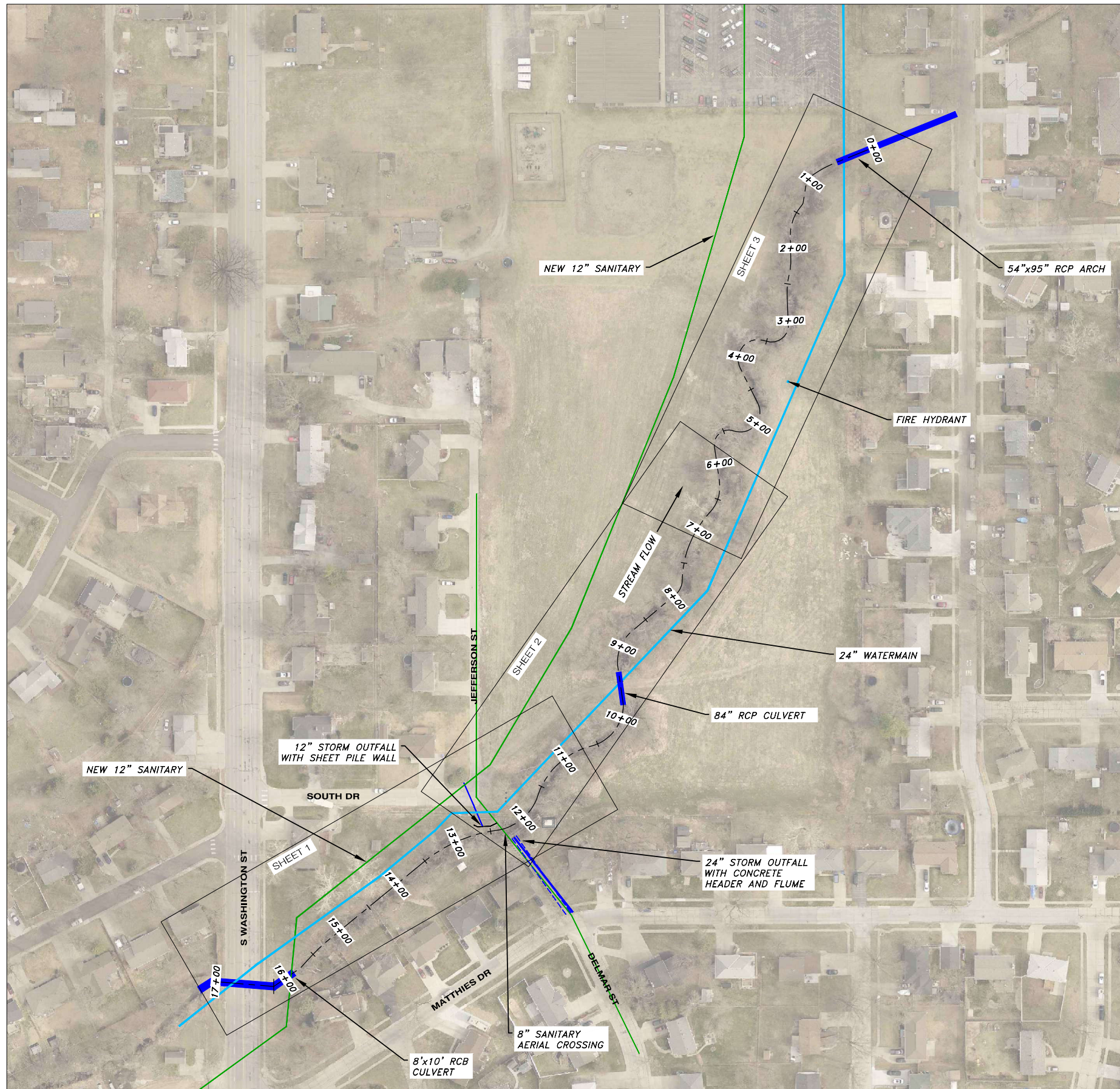
Table 1. Project Cost Breakdown

| PROJECT | Design/Permitting - FY 2026 | | Construction - FY 2027 | |
|---------------------------------|-----------------------------|-----------------|------------------------|------------------|
| | City of Papillion | Papio NRD | City of Papillion | Papio NRD |
| Sanitary and Storm Improvements | \$330,000 | -- | \$1,660,000 | -- |
| Stream Stabilization | \$54,000 | \$36,000 | \$273,000 | \$182,000 |
| PROJECT TOTAL | \$384,000 | \$36,000 | \$1,933,000 | \$182,000 |

attachment 1

Stream Conditions Assessment

FILENAME: C:\Users\Varonhirsh\DC\ACCDocs\Embris Group\230027.00 Matthies and Delmar Sanitary Sewer\Drawings\230027 Creek PNP.dwg
 DATE PLOTTED: 2/29/2024 5:25 PM DRAWN BY: ### PLOT SCALE: 1:2



| REVISIONS |
|-----------|
| |
| |
| |
| |

**STREAM
CONDITIONS
KEY MAP**

**MATTHIES AND DELMAR
STREAM ASSESSMENT**



CITY OF PAPILLION
 PUBLIC WORKS DEPARTMENT
 9909 Portal Road, Papillion, NE 68046

ISSUE DATE
2/29/2024
 DESIGN BY
AJH
 DRAWN BY
JMO
 SHEET
KEY MAP

ENGINEER'S FINAL OPINION OF PROBABLE COST

CITY OF PAPILLION, NE

230027 - MATTHIES & DELMAR SANATARY SEWER ASSESSMENT

ALT 4: CITY RECOMMENDATION

| LINE ITEM | ITEM DESCRIPTION | BID QUANTITY | UNIT | UNIT PRICE | TOTAL FOR BID ITEM |
|--|--|-------------------------|-------------|-------------------|-------------------------------|
| 1 | MOBILIZATION/DEMOBILIZATION | 1 | LS | \$ 100,000.00 | \$ 100,000.00 |
| 2 | ENVIRONMENTAL ALLOWANCE | 1 | LS | \$ 30,000.00 | \$ 30,000.00 |
| 3 | PROVIDE TEMPORARY TRAFFIC CONTROL | 1 | LS | \$ 20,000.00 | \$ 20,000.00 |
| 4 | CLEARING AND GRUBBING - GENERAL | 1 | LS | \$ 75,000.00 | \$ 75,000.00 |
| 5 | BYPASS PUMPING | 1 | LS | \$ 10,000.00 | \$ 10,000.00 |
| 6 | SWPPP ITEMS | 1 | LS | \$ 20,000.00 | \$ 20,000.00 |
| 7 | CLEARING AND GRUBBING TREES OVER 27" TO 36" DIAMETER | 2 | EA | \$ 2,540.00 | \$ 5,080.00 |
| 8 | CLEARING AND GRUBBING TREES OVER 48" DIAMETER | 1 | EA | \$ 7,500.00 | \$ 7,500.00 |
| 9 | REMOVE 12" OR SMALLER SEWER PIPE | 100 | LF | \$ 30.00 | \$ 3,000.00 |
| 10 | REMOVE 15" TO 18" SEWER PIPE | 77 | LF | \$ 40.00 | \$ 3,080.00 |
| 11 | REMOVE MANHOLE | 1 | EA | \$ 1,200.00 | \$ 1,200.00 |
| 12 | REMOVE GRATE INLET | 2 | EA | \$ 1,000.00 | \$ 2,000.00 |
| 13 | REMOVE CURB INLET | 3 | EA | \$ 1,000.00 | \$ 3,000.00 |
| 14 | REMOVE RETAINING WALL | 330 | SF | \$ 15.00 | \$ 4,950.00 |
| 15 | REMOVE AND REPLACE CHAIN LINK FENCE | 60 | LF | \$ 50.00 | \$ 3,000.00 |
| 16 | REMOVE PAVEMENT | 805 | SY | \$ 10.00 | \$ 8,050.00 |
| 17 | REMOVE DRIVEWAY | 125 | SY | \$ 10.00 | \$ 1,250.00 |
| 18 | REMOVE SIDEWALK | 735 | SF | \$ 2.00 | \$ 1,470.00 |
| 19 | REMOVE COMBINATION CURB AND GUTTER | 355 | LF | \$ 5.00 | \$ 1,775.00 |
| 20 | CONSTRUCT 7" CONCRETE PAVEMENT (TYPE L65) | 805 | SY | \$ 150.00 | \$ 120,750.00 |
| 21 | CONSTRUCT 7" COMBINATION CURB AND GUTTER | 175 | LF | \$ 30.00 | \$ 5,250.00 |
| 22 | CONSTRUCT 7" CONCRETE DRIVEWAY (TYPE L65) | 125 | SY | \$ 150.00 | \$ 18,750.00 |
| 23 | CONSTRUCT 4" PCC SIDEWALK | 735 | SF | \$ 15.00 | \$ 11,025.00 |
| 24 | CONSTRUCT CURB INLET TYPE I | 8 | EA | \$ 7,500.00 | \$ 60,000.00 |
| 25 | CONSTRUCT CURB INLET TYPE IV | 1 | EA | \$ 6,000.00 | \$ 6,000.00 |
| 26 | CONSTRUCT 15" RCP, CLASS III | 268 | LF | \$ 160.00 | \$ 42,880.00 |
| 27 | CONSTRUCT 24" RCP, CLASS III | 24 | LF | \$ 175.00 | \$ 4,200.00 |
| 28 | CONSTRUCT 30" RCP, CLASS III | 58 | LF | \$ 200.00 | \$ 11,600.00 |
| 29 | CONSTRUCT 48" DUAL WALL PLASTIC PIPE, CLASS III | 140 | LF | \$ 475.00 | \$ 66,500.00 |
| 30 | CONSTRUCT 48" DUAL WALL PLASTIC 22.5 DEGREE BEND | 1 | EA | \$ 5,000.00 | \$ 5,000.00 |
| 31 | CONSTRUCT 72" I.D. STORM MANHOLE | 9 | VF | \$ 1,700.00 | \$ 15,300.00 |
| 32 | CONSTRUCT 8" VCP SANITARY SEWER PIPE | 100 | LF | \$ 200.00 | \$ 20,000.00 |
| 33 | CONSTRUCT 54" I.D. SANITARY MANHOLE | 29 | VF | \$ 1,000.00 | \$ 29,000.00 |
| 34 | REMOVE TOPSOIL | 350 | SY | \$ 15.00 | \$ 5,250.00 |
| 35 | PLACE TOPSOIL | 350 | SY | \$ 15.00 | \$ 5,250.00 |
| 36 | CONSTRUCT SEGMENTAL RETAINING WALL | 330 | SF | \$ 150.00 | \$ 49,500.00 |
| 37 | AERIAL CROSSING REHAB/REBUILD | 1 | LS | \$ 500,000.00 | \$ 500,000.00 |
| SUBTOTAL ALT 4 | | | | | \$ 1,276,610 |
| CONTINGENCY (30%) | | | | | \$ 382,983 |
| TOTAL CONSTRUCTION COST | | | | | \$ 1,659,593 |
| ENGINEERING DESIGN, PERMITTING, AND CONSTRUCTION ADMINISTRATION (20%) | | | | | \$ 331,919 |
| TOTAL CONSTRUCTION COST | | | | | \$ 1,991,512 |



URBAN DRAINAGEWAY PROGRAM APPLICATION FORM

Project Name: South Sioux City Drainage Improvements at Crystal Cove

Project Location: Crystal Cove area, map attached
(attach location map)

Sponsor Organization: South Sioux City

Sponsor Address: 1615 1st Avenue

City/State/Zip: South Sioux City, NE 68776

Contact Person: Gene Maffit

Title: Parks Director

Daytime Phone: 402-494-7540 Home Business Mobile

E-mail Address:

Description of problem (attach additional sheets as needed):

Please refer to attached Project Description

Proposed solution (attach additional sheets as needed):

Please refer to attached Project Description

Level of Design: Level 1 Level 2 Level 3

Total Estimated Cost: \$ 285,177 **Cost Share Request:** \$ 213,883

Gene Maffit **Date:** 3/19/2025

Signature

Gene Maffit, Parks Director

Title

Project Description

Issue: Flooding has repeatedly occurred north of Gerkin Windows & Doors, a local business located at 5000 Rhino Road, just west of HWY 77. Gerkin is currently expanding their building and footprint north which is the area that is prone to flooding which prompts the urgent re-examination and drainage resolution for this area. Please refer to Attachment A: Map Exhibit for the Gerkin Addition and the proposed project area. The square line north of the existing Gerkin building shows their construction expansion already underway in the northwest area of the map. The drainage flows east into a retention pond identified on the map as “#1 pond full of sediment”. This retention pond will be dredged to increase capacity under separate funding and outside the scope of the NRD project. This retention pond drains southeast into two culverts (6-8”) under Hwy 77 identified in the Map Exhibit as “existing state pipe”. Once east of Hwy 77 the drainage project begins in the target area for the NRD proposed project. Pictures were recently taken of this flood prone area on March 19, 2025, and show active high waters and flooding potential. These photos are found as Attachment B: Photo Exhibit – Taken on 3/19/2025 showing flood prone area near Gerkin.

Additionally, South Sioux City has a flat topography with the city experiencing water drainage challenges throughout the due to its’ topography. The difference in elevation across most of the city is less than 20 feet, ranging between 1,085 and 1,105 feet above sea level. The city also has a high-water table based on the Missouri River running north and east of the city.

Planned project – The NRD project goal restores the existing drainageway and open channels to the east of Hwy 77, while improving the #2 existing retention pond as show on the aerial map and creating an additional retention pond listed as “#3 New pond site”. These retention ponds clean the water via wetland filtering prior to naturally flowing into Crystal Cove. This is the natural water progression in this area. The NRD project takes these natural elements and expands and restores this area to adequately address this storm water issue. This wetland significantly reduces the sediment and filters the storm water prior to its entering Crystal Cove. This project will have a significant impact on the reach and is predominately unconfined stream/runoff channel within this historical oxbow lake area. Through the NRD assistance and bioengineering techniques, the project will create habitat enhancements, flow redirection, flow retention, while using the natural historic drainage in this area. This project aligns well with the eligibility and design of the NRD Urban Drainageway Program.


As indicated above, the flood prone area dumps into the north retention pond (#1 on the map) and exists into a the two drainage pipes under Hwy 77 (existing state pipe) to the drainage ditch on the east side of the highway and flows into retention pond on the east side, identified on the map as “#2 existing retention pond to be enlarged”. The goal of the project is to use these existing natural resources and flow from the westside ditch to eastside ditch and into retention pond. The current retention pond #2 will be enlarged and sentiment removed, allowing it to accept more water and retain that existing wetland. A second retention pond (#3) will be created on the east side of the trail identified as “#3 new pond site” and a wetland; thus, creating and expanding two retention / overflow ponds for drainage within this existing 27.5-acre wetland. The new pond will require a culvert under an existing walking trail for flow to the new retention pond site. These two retention ponds will filter water prior to the final destination at Crystal Cove, located in the bottom center of the map and marked as Crystal Cove Lake. Crystal Cove is currently down 15+ feet due to drought, so it easily has the capacity to store additional water. This project will help with storm water control on the west side

17.17 Urban Drainageway Program
 South Sioux City Drainage Improvements at Crystal Cove

of the highway by enlarging the capacity to bring the storm water over to Crystal Cove creating a healthy ecosystem using the natural flow of water in this area.

Budget and Justification

Working with the engineering firm of JEO Consulting, they have provided a preliminary design plan and budget estimates for the Storm Drainage Improvement Project at Crystal Cove found on the following page and as attached.

| ENGINEER'S FINAL OPINION OF PROBABLE COST | | | | | |  |
|---|----------------------------------|-------------------------------|--------------------|-------------|-------------------|---|
| South Sioux City Drainage Improvements | | Date Prepared: March 18, 2025 | | | | |
| South Sioux City, NE | | | | | | |
| JEO Project No. 241070.00 | | | | | | |
| ESTIMATE OF QUANTITIES | | | | | | |
| Item | Description | Unit | Quantity | Unit Price | Total | |
| BASE BID | | | | | | |
| 1. | Mobilization | LS | 1 | 20,000.00 | 20,000 | |
| 2. | Bonding and Insurance | LS | 1 | 2,000.00 | 2,000 | |
| 3. | Clearing and Grubbing | LS | 1 | 7,000.00 | 7,000 | |
| 4. | Excavation, Established Quantity | CY | 22,633 | 7.00 | 158,431 | |
| 5. | Remove Concrete Trail | SY | 30 | 10.00 | 300 | |
| 6. | 6" Concrete Trail | SY | 30 | 120.00 | 3,600 | |
| 7. | 24" RCP, Class III | LF | 30 | 150.00 | 4,500 | |
| 8. | 24" RCP Flared End Section | EA | 2 | 2,000.00 | 4,000 | |
| 9. | Rock Riprap, NDOR Type A | TONS | 20 | 90.00 | 1,800 | |
| 10. | Erosion Control, Type 1B | SY | 10,146 | 1.25 | 12,683 | |
| 11. | Seeding, Fertilizer and Mulch | ACRE | 2.00 | 7,500.00 | 15,000 | |
| Total Opinion of Construction Cost | | | | | 229,314.0 | |
| 12 | Pre-design engineering costs | | | | 10,000 | |
| 13 | Design/construction management | 20% | construction costs | | 45,863 | |
| | | | | | 55,863 | |
| Total Opinion of All Cost | | | | | 285,177 | |
| | | Cost Share | | | | |
| | | | NRD | 75% | \$ 213,883 | |
| | | | City | 25% | \$ 71,294 | |
| | | | Total | 100% | \$ 285,177 | |

The propose NRD project requests 75% or \$213,883 cost share with the city share totaling \$71,294 as indicated by NRD Urban Drainageway Program Level 1 Restoration for the east side of Hwy 77 for the two retention ponds to filter sediment prior to channeling to Crystal Cove.

The budget includes construction mobilization, bonding and insurance, clearing and grubbing and excavation as necessary to enlarge retention pond (1) and create retention pond (2). Included with this the removal of the concrete trail and riprap along with erosion control and seeding. Pre-design engineering is \$10,000 with construction design and management listed at 20% of the construction budget \$45,863. Total engineering costs are \$55,863.



prone to flooding now

Gerkin addition

Ferguson Plumbing Supply

#1 pond is full of sediment

existing State pipe

#2 existing pond to be enlarged

open ditch drainage way

#3 New pond site

existing 27.5 acres wetland

CRYSTAL COVE LAKE



PAPIO
MISSOURI RIVER
NATURAL RESOURCES DISTRICT

RECREATION AREA DEVELOPMENT PROGRAM APPLICATION FORM

Project Name: FORT CALHOUN BALLFIELD ADA RESTROOMS

Project Location: 455 S. 12TH ST. FORT CALHOUN, NE 68023
(attach location map)

Sponsor Organization: CITY OF FORT CALHOUN

Sponsor Address: 110 S. 14TH

City/State/Zip: FORT CALHOUN, NE 68023

Contact Person: DEB SUTHERLAND

Title: CITY ADMINISTRATOR

Daytime Phone: 402-468-5303 Home Business Mobile

E-mail Address: ADMINISTRATOR@FORTCALHOUN.ORG

Description of project (attach additional sheets as needed)

A NEW 9'X24' ADA/FAMILY RESTROOM BUILDING AT THE CITY BALLFIELDS.
PLEASE SEE ATTACHED SHEETS.

Total Estimated Cost: \$ 340,134.73 Cost Share Request: \$ 50,000.00

 Date: 3/20/25

Signature

MAYOR

Title

Description of project: The City of Fort Calhoun, Nebraska is requesting \$50,000 from the Papio Missouri NRD Recreation Area Development Program to help with the cost share for this project which addresses the need for a modern, ADA accessible restroom building to the city's current ballfield park, located at 455 N. 12th St. in Fort Calhoun, NE. The facility will consist of two separate family/ADA bathroom areas. Construction of the new public restroom facility has been moved up on the city's priority list due to the park's high volume of use by residents and visitors. It will be built near the ballfield's current restroom building which was originally built in 1986. The current building has no room to expand so the plan is to build a free standing 9' x 24' concrete block building to the west of the current building which will provide two separate family/ADA restrooms and a mechanical storage area. This will be connected to the existing restrooms by adding a new ADA concrete sidewalk, all utilities and water/sewer will be provided by connecting to the existing building. The new building will also address the need for more seating, it will be built into the current bank so with a flat roof and handrails, people can access the seating area from the south side of the building which is approximately 8ft. off the existing trail system which runs through the ballfield area. The topography of the ballfields doesn't allow for any additional bleachers but many spectators bring bag or lawn chairs to watch the game, this will give them a great vantage point for the games.

Please see the attached map and design sketch.

Project schedule:

Notice of Grant Award: April 2025

Project Design: May 2025

Project Bidding: August 2025

Project Construction: Fall 2025 (after softball season is completed)

Project Closeout/Funding Request: March 2026



ENGINEERING
ARCHITECTURE
PLANNING
SURVEYING

jao.com

© JEO Architecture, Inc.



SITE PLAN

CITY OF FORT CALHOUN - BALL FIELD ADA RESTROOM

JEO ARCHITECTURE INC

JEO Project No.: 233089

Date: 03/18/25



3/19/2025

Fort Calhoun Ball Field New Restroom
131216.00

OPINION OF COST ESTIMATE

| | QTY | UNIT | Material | | Subcontract | | Total | Comments |
|---------------------------|-----|------|-------------|-----------|--------------|------------|---------------|----------|
| | | | \$ / Unit | Subtotal | \$/Unit | Subtotal | | |
| SITWORK | | | | | | | | |
| Grading / Excavation | 1 | LS | | \$ - | \$ 7,500.00 | \$ 7,500 | \$ 7,500.00 | |
| Sanitary | 1 | LS | | \$ - | \$ 10,000.00 | \$ 10,000 | \$ 10,000.00 | |
| Water | 1 | LS | | \$ - | \$ 10,000.00 | \$ 10,000 | \$ 10,000.00 | |
| Electrical Tie-in | 1 | LS | | \$ - | \$ 7,500.00 | \$ 7,500 | \$ 7,500.00 | |
| Backfill | 1 | LS | | \$ - | \$ 4,000.00 | \$ 4,000 | \$ 4,000.00 | |
| Fine Grade | 1 | LS | | \$ - | \$ 2,500.00 | \$ 2,500 | \$ 2,500.00 | |
| Seed & Matting | 1 | LS | | \$ - | \$ 1,500.00 | \$ 1,500 | \$ 1,500.00 | |
| Sidewalks | 120 | SF | | \$ - | \$ 15.00 | \$ 1,800 | \$ 1,800.00 | |
| | | | | \$ - | | \$ - | \$ - | |
| | | | | \$ - | | \$ - | \$ - | |
| | | | | \$ - | | \$ - | \$ - | |
| BUILDING | | | | | | | | |
| Footings | 25 | CY | | \$ - | \$ 500.00 | \$ 12,325 | \$ 12,325.44 | |
| Stoops | 9 | CY | | \$ - | \$ 500.00 | \$ 4,622 | \$ 4,622.04 | |
| Rebar & Mesh | 3 | TN | \$ 1,850.00 | \$ 5,550 | | \$ - | \$ 5,550.00 | |
| SOG | 208 | SF | | \$ - | \$ 10.00 | \$ 2,081 | \$ 2,080.80 | |
| CMU | 653 | SF | | \$ - | \$ 40.00 | \$ 26,136 | \$ 26,136.00 | |
| Hollowcore Slab | 208 | SF | \$ 25.00 | \$ 5,202 | \$ 25.00 | \$ 5,202 | \$ 10,404.00 | |
| Grouting | 208 | SF | | \$ - | \$ 10.00 | \$ 2,081 | \$ 2,080.80 | |
| Waterproofing | 331 | SF | | \$ - | \$ 5.00 | \$ 1,654 | \$ 1,653.60 | |
| Drain Tile | 42 | LF | | \$ - | \$ 15.00 | \$ 630 | \$ 630.00 | |
| Alum Handrail & Guardrail | 79 | LF | \$ 100.00 | \$ 7,934 | \$ 50.00 | \$ 3,967 | \$ 11,901.00 | |
| Aluminum Stairs | 1 | LS | \$ 5,000.00 | \$ 5,000 | \$ 3,500.00 | \$ 3,500 | \$ 8,500.00 | |
| EPDM Roof System | 208 | SF | | \$ - | \$ 20.00 | \$ 4,162 | \$ 4,161.60 | |
| Roof Paver System | 208 | SF | | \$ - | \$ 75.00 | \$ 15,606 | \$ 15,606.00 | |
| Scupper & Downspouts | 2 | EA | | \$ - | \$ 1,200.00 | \$ 2,400 | \$ 2,400.00 | |
| HM Frames & Doors | 3 | EA | \$ 2,800.00 | \$ 8,400 | \$ 1,000.00 | \$ 3,000 | \$ 11,400.00 | |
| Interior Painting | 592 | SF | | \$ - | \$ 2.50 | \$ 1,479 | \$ 1,479.15 | |
| Exterior Painting | 344 | SF | | \$ - | \$ 2.50 | \$ 859 | \$ 859.05 | |
| Paint HM Frames & Doors | 3 | EA | | \$ - | \$ 500.00 | \$ 1,500 | \$ 1,500.00 | |
| Seal Concrete SOG | 208 | SF | | \$ - | \$ 2.50 | \$ 520 | \$ 520.20 | |
| Grab Bars | 6 | EA | \$ 250.00 | \$ 1,500 | \$ 125.00 | \$ 750 | \$ 2,250.00 | |
| Toilet Paper Dispenser | 2 | EA | \$ 250.00 | \$ 500 | \$ 125.00 | \$ 250 | \$ 750.00 | |
| Femine Napkin Dispenser | 1 | EA | \$ 225.00 | \$ 225 | \$ 125.00 | \$ 125 | \$ 350.00 | |
| Paper Towel & Trash | 2 | EA | \$ 350.00 | \$ 700 | \$ 125.00 | \$ 250 | \$ 950.00 | |
| Soap | 2 | EA | \$ 200.00 | \$ 400 | \$ 125.00 | \$ 250 | \$ 650.00 | |
| Mirror | 2 | EA | \$ 275.00 | \$ 550 | \$ 125.00 | \$ 250 | \$ 800.00 | |
| Baby Chnaging | 2 | EA | \$ 450.00 | \$ 900 | \$ 125.00 | \$ 250 | \$ 1,150.00 | |
| HC Pipe Wrap | 2 | EA | \$ 200.00 | \$ 400 | \$ 125.00 | \$ 250 | \$ 650.00 | |
| Toilets | 2 | EA | | \$ - | \$ 3,500.00 | \$ 7,000 | \$ 7,000.00 | |
| Vanity Sinks | 2 | EA | | \$ - | \$ 3,500.00 | \$ 7,000 | \$ 7,000.00 | |
| Water Heater | 1 | EA | | \$ - | \$ 3,500.00 | \$ 3,500 | \$ 3,500.00 | |
| Floor Drains | 3 | EA | | \$ - | \$ 3,500.00 | \$ 10,500 | \$ 10,500.00 | |
| Electrical Panel | 1 | EA | | \$ - | \$ 7,500.00 | \$ 7,500 | \$ 7,500.00 | |
| Outlets | 5 | EA | | \$ - | \$ 750.00 | \$ 3,750 | \$ 3,750.00 | |
| Lights Interior | 6 | EA | | \$ - | \$ 550.00 | \$ 3,300 | \$ 3,300.00 | |
| Lights Exterior | 2 | EA | | \$ - | \$ 750.00 | \$ 1,500 | \$ 1,500.00 | |
| | | | | \$ - | | \$ - | \$ - | |
| | | | | \$ 37,261 | | \$ 182,949 | \$ 220,209.69 | |

NOTES
 No Fire Sprinkler
 No HVAC
 No Fire Alarm

| | | | |
|--------|---------------------------|----------------------|-------------------------|
| 20.00% | General Conditions | \$ 44,041.94 | |
| 7.00% | Sales & Use Tax | \$ 2,608.27 | Verify Y/N & Rate - N/A |
| 2.00% | Builders Risk Insurance | \$ 4,404.19 | Verify Y/N |
| 2.00% | P&P Bond | \$ 4,404.19 | Verify Y/N |
| | AHJ Building Permit | \$ 1,500.00 | N/A |
| | Total Cost | \$ 277,168.28 | |
| 8.00% | Construction Fee | \$ 22,173.46 | |
| | Project Total Cost | \$ 299,341.74 | \$ 295,233.47 |
| 15.00% | Contingency | \$ 44,901.26 | |

\$ 340,134.73



RECREATION AREA DEVELOPMENT PROGRAM APPLICATION FORM

Project Name: Churchich Park Playground Improvements

Project Location: 3712 S 50th Street, Omaha, NE 68106
(attach location map)

Sponsor Organization: City of Omaha Parks, Recreation, and Public Property

Sponsor Address: 1819 Farnam Street, Suite 701

City/State/Zip: Omaha, NE 68183

Contact Person: Kate Boren

Title: Park Planner I

Daytime Phone: 402-830-7683 Home Business Mobile

E-mail Address: kate.boren@cityofomaha.org

Description of project (attach additional sheets as needed)

see attached

Total Estimated Cost: \$ 294,213.95 Cost Share Request: \$ 50,000.00

Kate Boren
Signature
Park Planner I
Title

Date: March 21, 2025

Churchich Park Playground Improvements

This project proposes to install a new 6,400 sq. ft. playground, walkway connections, and 24X24' picnic shelter with tables.

Churchich Park is a 13.5-acre park located in the area of South 50th & I-80. The Park is home to 8 new pickleball courts with dugout shades and benches, walking trails, a ballfield, a full basketball court, horseshoe courts, and parking area. The Park was also home to a playground but the equipment was recently removed due aging infrastructure and safety concerns. This playground project is a replacement for the removed play equipment.

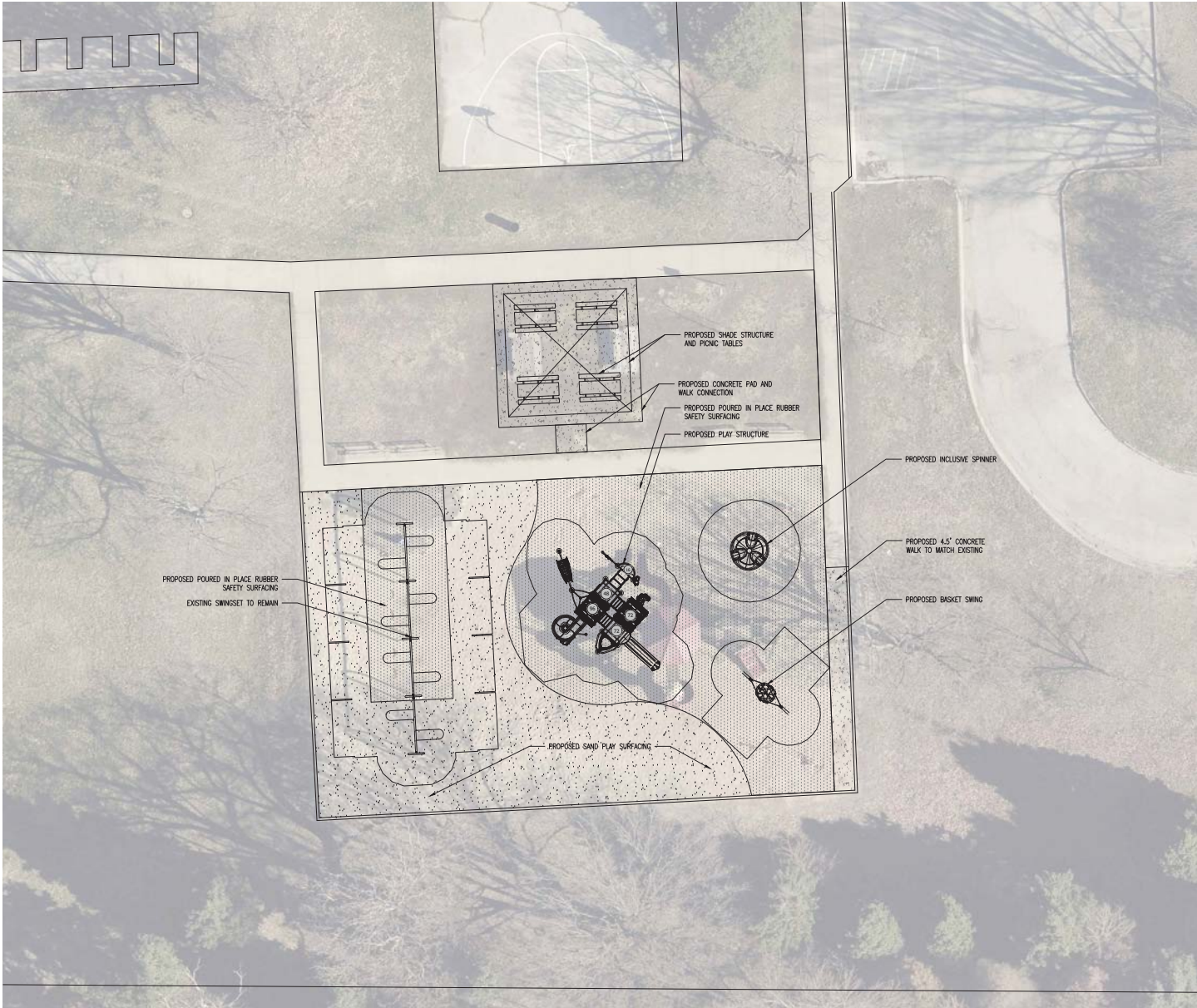
Rehabilitation of facilities in neighborhood parks is a specific category in the Park Departments CIP program. The replacement of playground equipment and park improvements fits into this category. Each year approximately \$300,000 to \$400,000 is allocated to this CIP category. However, with over 250 parks within the system this money does not go far and in an effort to stretch our dollars funding assistance is often required. The City has already removed the existing play structure while the sand play area footprint as well as the existing swing set remain.

The attached plans and other documentation provide an illustration on the nature of the new playground for Churchich Park. The request for funding from the Recreation Area Development Program will be used to contribute to the overall costs of the playground improvements as shown in the attached budget. The total project cost is \$294,213.95 and our funding request is \$50,000.00. The schedule for completion of the project is to complete the design by April of 2025. Bid the project in May of 2025 and award by July of 2025 with construction beginning in the late summer of 2025. Once constructed, the new playground will provide inclusive play opportunities for the children in the surrounding neighborhoods of Churchich Park. The Parks Department will maintain the new facility to ensure safe and fun enjoyment for all of the neighborhood residents.






CHURCHICH PLAYGROUND RENOVATION

3.21.2025

| ITEM | QTY. | UNIT | UNIT PRICE | TOTAL |
|----------------------------------|-------------|-------------|-------------------|---------------------|
| New Play Equipment | 1.00 | EA | \$83,423.00 | \$83,423.00 |
| O&P on Equipment | 1.00 | EA | | \$12,513.45 |
| Freight on Equipment | 1.00 | EA | \$8,000.00 | \$8,000.00 |
| Installation of Equipment | 1.00 | EA | | \$20,855.75 |
| Poured in Place Rubber Surfacing | 3,679.00 | SF | \$25.00 | \$91,975.00 |
| Sand Removal 15" | 431.00 | TN | \$30.00 | \$12,930.00 |
| Sand Play Surfacing 15" | 58.25 | TN | \$50.00 | \$2,912.50 |
| Geotextile | 2,726.00 | SF | \$3.00 | \$8,178.00 |
| Sumps/under drainage | 1.00 | EA | \$1,000.00 | \$1,000.00 |
| New 5' concrete path | 174.00 | SF | \$8.50 | \$1,479.00 |
| Survey/Layout | 1.00 | EA | \$3,000.00 | \$3,000.00 |
| | | | | |
| Picnic Shelter complete | 1.00 | EA | \$25,820.00 | \$25,820.00 |
| Picnic Tables | 4.00 | EA | \$2,000.00 | \$8,000.00 |
| Concrete Pad | 784.00 | SF | \$8.50 | \$6,664.00 |
| Concrete Walk - Shelter | 33.80 | SF | \$8.50 | \$287.30 |
| | | | | |
| PLAYGROUND SUB-TOTAL | | | | \$287,038.00 |
| General Conditions @ 2.5% | | | | \$7,175.95 |
| Contingency @ 10% | | | | \$28,703.80 |
| PROJECT TOTAL | | | | \$294,213.95 |



LEGEND

-  PROPOSED SAND PLAY SURFACE
-  PROPOSED 5" THICK CONCRETE WALK PAVEMENT
-  PROPOSED POURED IN PLACE RUBBER PLAY SURFACING
-  PROPOSED PARK SHELTER
-  PROPOSED PICNIC TABLE

PROPOSED SHADE STRUCTURE AND PICNIC TABLES

PROPOSED CONCRETE PAD AND WALK CONNECTION

PROPOSED POURED IN PLACE RUBBER SAFETY SURFACING

PROPOSED PLAY STRUCTURE

PROPOSED INCLUSIVE SPINNER

PROPOSED 4.5' CONCRETE WALK TO MATCH EXISTING

PROPOSED BASKET SWING

PROPOSED SAND PLAY SURFACING

PROPOSED POURED IN PLACE RUBBER SAFETY SURFACING

EXISTING SWINGS/SET TO REMAIN

1 SITE PLAN
SCALE: 1" = 10'-0"



**CHURCHICH PARK
PLAYGROUND RENOVATION**
3172 S 50TH STREET
OMAHA, NEBRASKA

| | | |
|--------------|--------------|-------------|
| DESIGNED BY: | DESIGNED BY: | |
| REVISIONS: | REVISIONS: | |
| DATE: | DATE: | |
| REV | DATE | DESCRIPTION |
| | | |
| | | |
| | | |
| | | |

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**SITE PLAN -
CHURCHICH PARK
PLAYGROUND**

SHEET NO:
L-1



RECREATION AREA DEVELOPMENT PROGRAM APPLICATION FORM

Project Name: Dahlman Park Improvements

Project Location: 615 Pacific Street, Omaha, NE 68108
(attach location map)

Sponsor Organization: City of Omaha Parks, Recreation, and Public Property

Sponsor Address: 1819 Farnam Street, Suite 701

City/State/Zip: Omaha, NE 68183

Contact Person: Kate Boren

Title: Park Planner I

Daytime Phone: 402-830-7683 Home Business Mobile

E-mail Address: kate.boren@cityofomaha.org

Description of project (attach additional sheets as needed)

see attached

Total Estimated Cost: \$ 245,045.77 Cost Share Request: \$ 50,000.00

Kate Boren Date: 3/21/2025
Signature

Park Planner I
Title

Dahlman Park Playground Improvements

This project proposes to demolish the existing basketball and volleyball courts, remove and replace portions of concrete walkways, replace benches, install a new 3,775 sq. ft. playground, install new drainage systems, construct a new half basketball court, construct a new sand volleyball court, and new walkway connections.

Dahlman Park is a 5.2-acre park located in the area of South 6th & William Street. The Park is home the new Carlentini Plaza and trellis, an existing full basketball court, existing sand volleyball court, existing pickleball court, walkways, and a playground. The Park playground, basketball court, and the sand volleyball court are all overdue for replacement. This project is a significant park improvement including sports courts and the new park playground equipment

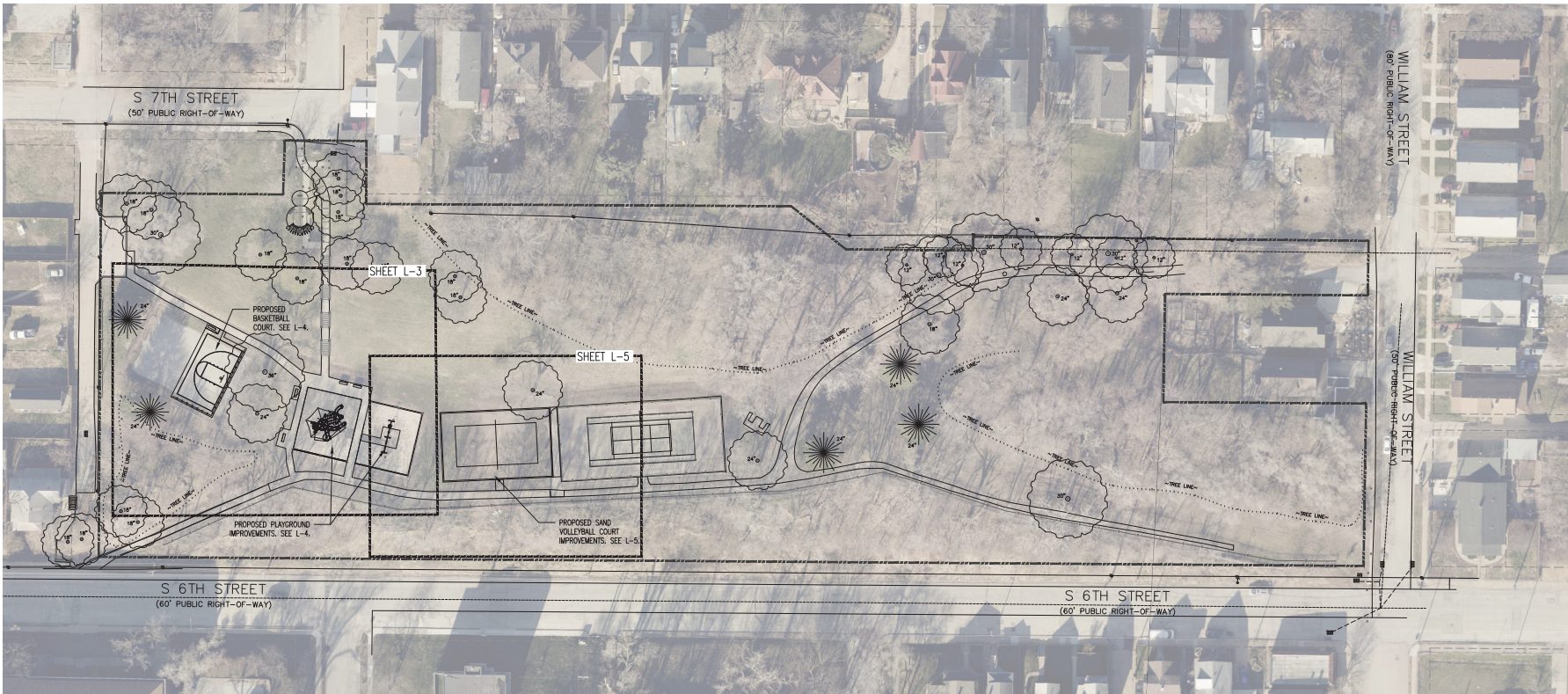
Rehabilitation of facilities in neighborhood parks is a specific category in the Park Departments CIP program. The replacement of playground equipment and park improvements fits into this category. Each year approximately \$300,000 to \$400,000 is allocated to this CIP category. However, with over 250 parks within the system this money does not go far and in an effort to stretch our dollars funding assistance is often required. The City has already purchased new play equipment which is currently in storage for the Dahlman Park Playground. This was a \$138,000 investment and sets the stage for implementation of the new playground and other park improvements.

The attached plans and other documentation provide an illustration on the nature of the new improvements for Dahlman Park. The request for funding from the Recreation Area Development Program will be used to contribute to the overall costs of the playground improvements as shown in the attached budget. The total project cost is \$245,045.77 and our funding request is \$50,000.00. The schedule the project is to complete the design by April of 2025. Bid the project in May of 2025 and award by July of 2025 with construction beginning in the late summer of 2025. Construction is projected

DAHLMAN PARK IMPROVEMENTS

3.18.2025

| ITEM | QTY. | UNIT | UNIT PRICE | TOTAL |
|--|----------|------|-------------|---------------------|
| Basketball Court Fencing 8' | 87.00 | LF | \$75.00 | \$6,525.00 |
| In Ground Basketball Hoop | 1.00 | LS | \$3,000.00 | \$3,000.00 |
| Poured in Place - Basketball Court | 1,998.00 | SF | \$8.00 | \$15,984.00 |
| Installation of Equipment | 1.00 | EA | | \$37,127.00 |
| Poured in Place - Rubber Surfacing | 2,160.70 | SF | \$25.00 | \$54,017.50 |
| Poured in Place - Concrete 5" sidewalk | 618.00 | SF | \$8.50 | \$5,253.00 |
| Sumps/under drainage | 5.00 | EA | \$1,000.00 | \$5,000.00 |
| Lawn Inlet/under drainage | 3.00 | EA | \$2,000.00 | \$6,000.00 |
| Geotextile under Sand | 3,871.28 | SY | \$3.00 | \$11,613.84 |
| Sand Play Surfacing | 242.00 | TN | \$50.00 | \$12,100.00 |
| Survey/Layout | 1.00 | LS | \$3,000.00 | \$3,000.00 |
| Site grading and Earthwork - Cut | 100.00 | CY | \$25.00 | \$2,500.00 |
| Volleyball Court Complete | 1 | EA | 84,538 | 84,538 |
| Benches | 4.00 | EA | \$1,800.00 | \$7,200.00 |
| Demo Asphalt | 3,912.00 | SF | \$2.50 | \$9,780.00 |
| Demo Concrete | 375.88 | SF | \$2.50 | \$939.70 |
| Demo Fencing | 227.70 | LF | \$25.00 | \$5,692.50 |
| Demo Benches | 3.00 | EA | \$300.00 | \$900.00 |
| Demo Play Equipment + Sand | 1.00 | EA | \$18,055.00 | \$18,055.00 |
| Demo Sand 15" | 0.00 | CY | \$30.00 | \$0.00 |
| PLAYGROUND SUB-TOTAL | | | | \$239,069.04 |
| General Conditions @ 2.5% | | | | \$5,976.73 |
| Contingency @ 10% | | | | \$23,906.90 |
| PROJECT TOTAL | | | | \$245,045.77 |



1 OVERALL SITE PLAN

LEGEND

| | | | |
|-------|------------------------|-------|-----------------------------------|
| | TREE LINE | | EXPANSION JOINT |
| ===== | PARK BOUNDARY | | PROPOSED PARK BENCH |
| ----- | ENLARGEMENT BOUNDARY | | EXISTING DECIDUOUS TREE TO REMAIN |
| ----- | PARCELS | | |
| ----- | SAN. SEWER | | |
| ----- | UTILITIES | | |
| ----- | STORM DRAIN | | |
| ----- | EXISTING CONTOUR MAJOR | | |
| ----- | EXISTING CONTOUR MINOR | | |
| ----- | PROPOSED FENCE | | |

PAVING NOTES

- A. THE WORK SHALL CONFORM WITH THE PROJECT SPECIFICATIONS.
- B. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A CONCRETE WASHOUT AREA ACCORDING TO CURRENT LOCAL REGULATIONS AND BMP'S. THE CONTRACTOR WILL BE RESPONSIBLE FOR RESTORING THE SITE TO ITS EXISTING CONDITION AFTER REMOVAL OF THE WASHOUT AREA. THE CONTRACTOR MAY PROPOSE AND ALTERNATE LOCATION FOR THE CLEAN-OUT AREA, SUBJECT TO APPROVAL FROM CITY.

| | | |
|--------------|-----------|-------------|
| DRAWN BY: | DOB | |
| DESIGNED BY: | DOB | |
| CHECKED BY: | | |
| DATE: | 3.08.2019 | |
| REV | DATE | DESCRIPTION |
| | | |
| | | |
| | | |
| | | |
| | | |

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OVERALL
SITE
PLAN

SHEET
NO. L-2



RECREATION AREA DEVELOPMENT PROGRAM APPLICATION FORM

Project Name: Halleck Park Playground resurfacing and enhancements

Project Location: 401 E. Lincoln Street
(attach location map)

Sponsor Organization: City of Papillion

Sponsor Address: 122 E. 3rd Street

City/State/Zip: Papillion, Nebraska 68046

Contact Person: Tony Gowan

Title: Parks and Facilities Director

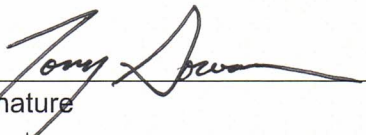
Daytime Phone: (402) 597-2049 Home Business Mobile

E-mail Address: tgowan@papillion.org

Description of project (attach additional sheets as needed)

This project will see the very popular playground in Halleck Park, transformed into a safer and lower maintenance play destination, while adding two new play features for children ages 3-15. The main component of this project will see the elimination of the wooden playground chips, currently in place, to a new, poured in place rubber surface, which is much safer and virtually maintenance free, greatly enhancing this popular play area. We will also be installing two "sit and spin" buckets for the smaller children to use, while the older kids play on the bigger equipment. This project continues the process of upgrading features, recommended in the 2021 Parks and Recreation Plan adopted by Council.

Total Estimated Cost: \$ 193,610.00 Cost Share Request: \$ 50,000.00

Signature:  _____ Date: 3/6/2025

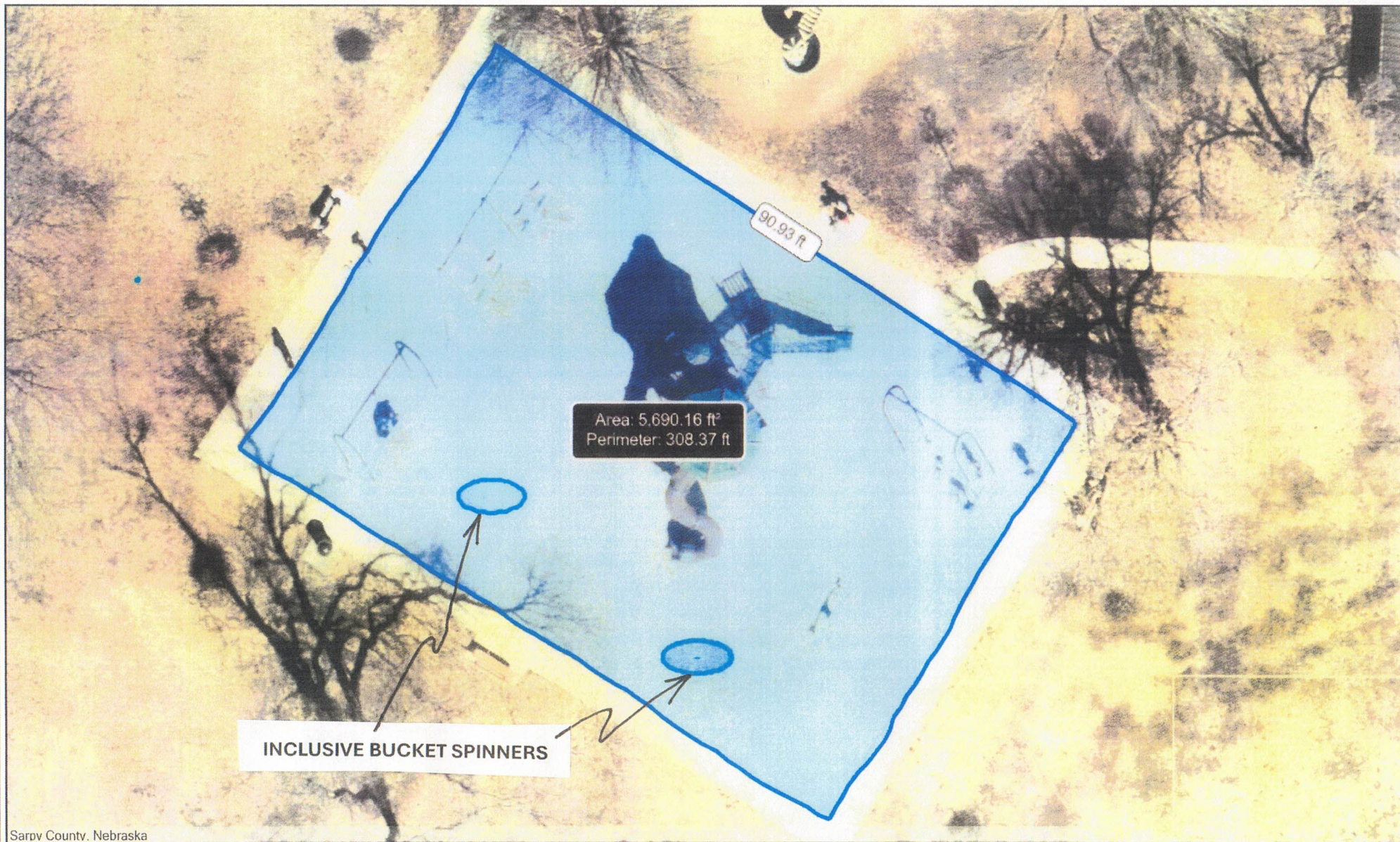
Parks and Facilities Director

Title

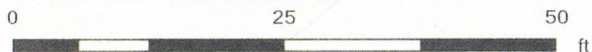


BUCKET SPINNER

POURED IN PLACE RUBBER



Sarpy County, Nebraska



Map Scale 1: 282

This product is for informational purposes and may not have been prepared for, or be suitable for, legal, engineering, or surveying purposes. Users of this information should review or consult the source records and information sources to ascertain the usability of the information.



Notes



HALLECK PARK PLAYGROUND
500 E. LINCOLN STREET



PAPIO
MISSOURI RIVER
NATURAL RESOURCES DISTRICT

RECREATION AREA DEVELOPMENT PROGRAM APPLICATION FORM

Project Name: Baumer Park Playground

Project Location: 900 E 25th Street
(attach location map)

Sponsor Organization: South Sioux City

Sponsor Address: 1615 1st Avenue

City/State/Zip: South Sioux City, NE 68776

Contact Person: Gene Maffit

Title: Parks Director

Daytime Phone: 402-494-7540 Home Business Mobile

E-mail Address: gmaffit@southsiouxcity.org and sscgrants@southsiouxcity.org

Description of project (attach additional sheets as needed)

Please refer to attached project description

Total Estimated Cost: \$ 281,546.00 Cost Share Request: \$ 50,000.00

Gene Maffit
Signature

Date: 3/17/2025

Gene Maffit, Parks Director
Title

2026 NRD Recreation Area Development Program
 Baumer Park Play Structure

Project Description

Baumer Park is South Sioux City’s newest park located at 900 E 25th Street is 7.95 acres. This central park is east of G Street and accommodates the apartments and housing to the west of G Street as well as new housing development east of G Street in South Sioux City. The park currently contains soccer fields, parking area, trail connection, park shelter and in 2025 a basketball court. The city would like to add a play structure to this growing park area.

The city would like to install a play structure (indicated by the picture rendering attached). The play structure will be for 5–12-year-old with a variety of elements to accommodate gatherings. The play structure would use a pour-in-place foundation. Two benches would allow adults to sit and view children playing. The pour-in-place is a safety surfacing material for playgrounds, running tracks, pool decks, horse stalls, boats, decks, etc. The pour-in-place allows for a firm soft foundation for those with walking challenges or are wheel-bound to enjoy the play structures as well. This foundation will eliminate the need for chemical spraying near the play surface and allow a permeable base offering proper drainage. The pour-in-place uses 4” stone sub-base with concrete curb, site work along with the pour-in-place materials. ADA walkways will be installed to allow children with walking challenges to safely get to the shelter and play structure from the parking and trail area.

Budget Information and Explanation

| 1 Baumer Park Playground | | | |
|--------------------------|---------------------|------------|-------------------|
| Description | Quality | Unit Price | Est Pricing |
| Play Structure | Reduced if Gametime | | 135,000.00 |
| Pour-in-Place | 2450 | \$ 22.00 | 53,900.00 |
| 4"Stone sub-base | 2450 | \$ 4.75 | 11,637.50 |
| Concrete curb | 220 | \$ 45.00 | 9,900.00 |
| Site Work | | | 22,545.00 |
| 2-benches | | | 2,050.00 |
| ADA | | | 50,000.00 |
| Expenses SUBTOTAL | | | 285,032.50 |
| Source: Gametime Curry | | | |
| Revenues Funder | Amount | | W/Gametime |
| NRD | 50,000.00 | | 50,000.00 |
| NDEE/PIP | 13,475.00 | 25% | 13,475.00 |
| LWCF | 142,516.25 | 33,750.00 | 108,766.25 |
| City share | 142,516.25 | 33,750.00 | 112,791.25 |
| Gametime | 67,500.00 | | |
| Total | | | 285,032.50 |

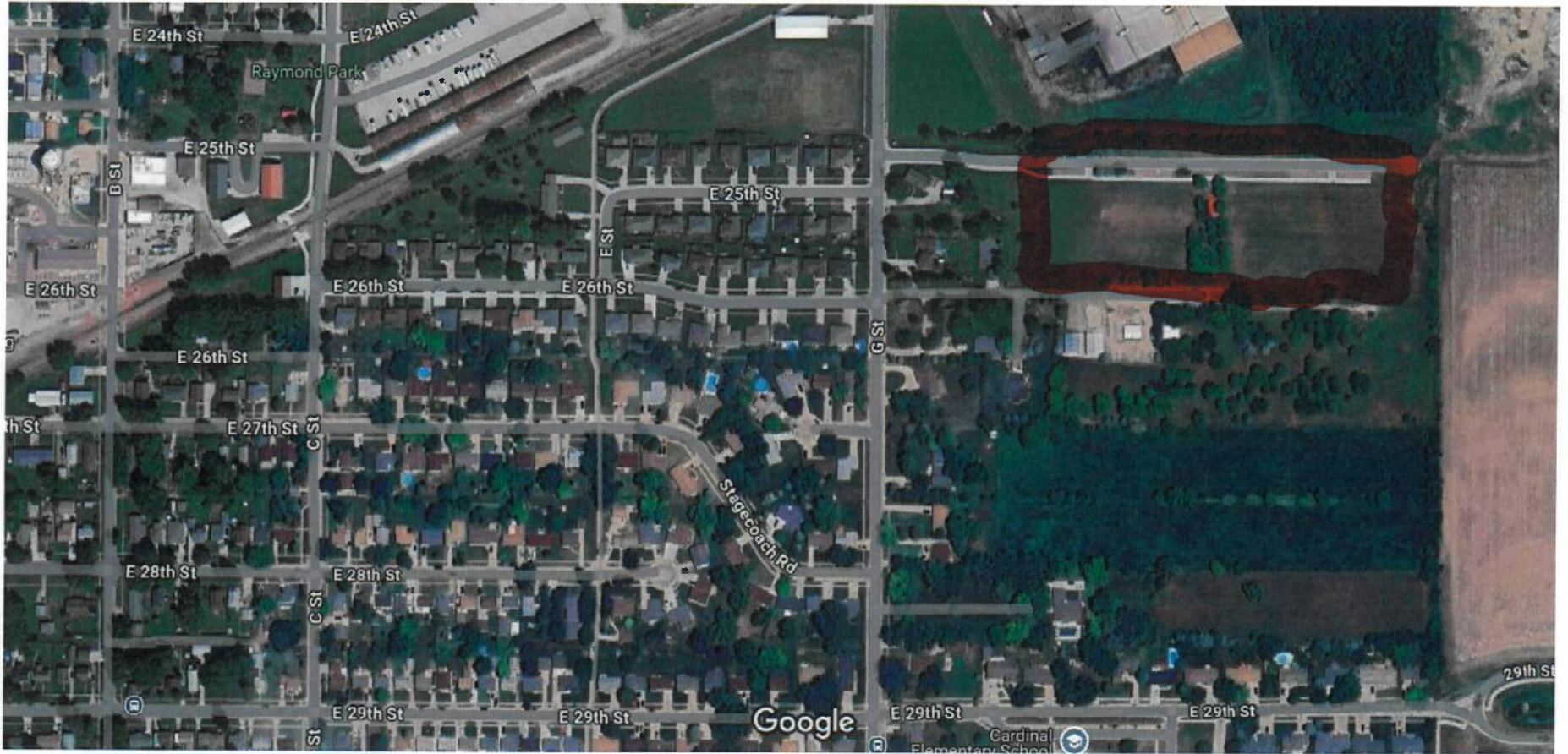
The budget is based on actual costs obtained within the last year. The pour-in-place includes foundation rubber materials estimated at 2450 sq. ft. x \$22.00 poured using GT-Impax surfacing. The rubber is recycled tires from Nebraska. Pricing includes materials, shipping, installation and trash removal. 3.75” thick for 8’ CFH. A 4” stone sub-base is required for the rubber foundation at 2450sq. ft. x \$4.75 totaling \$11,637.50. Concrete curbing around the foundation is 220 ft. x \$45.00 totals

2026 NRD Recreation Area Development Program
Baumer Park Play Structure

\$9,900. Finally, site work with seeding, grading, remove debris, drainage with site security after installation for curing. Total estimated pricing is \$285,032. NRD request is \$50,000 with a city cost share of \$112,791. If the city were to be successful with Gametime, the total cost for the play equipment would be reduced and city cost share reduced. The city plans on submitting application to the NE Department of Environment and Energy for a Waste Reduction and Recycling Grant for 25% reimbursement for Scrap Tire once project is completed. The outcome of this grant request is unknown at the time of NRD application.

Attachments

Attached to this Project Description, please find pour-in-place illustrations and a photo showing a play structure that would resemble some of the structures the city is looking for in new playgrounds. Bidding will need to occur, and the exact rendition of the play structure will be finalized at that time.





PAPIO
MISSOURI RIVER
NATURAL RESOURCES DISTRICT

RECREATION AREA DEVELOPMENT PROGRAM APPLICATION FORM

Project Name: Freedom Park Pour-in-Place
Project Location: 1801 Veterans Drive
(attach location map)
Sponsor Organization: South Sioux City
Sponsor Address: 1615 1st Avenue
City/State/Zip: South Sioux City, NE 68776
Contact Person: Gene Maffit
Title: Park's Director
Daytime Phone: 402-494-7540 Home Business Mobile
E-mail Address: gmaffit@southsiouxcity.org; sscgrants@southsiouxcity.org

Description of project (attach additional sheets as needed)

Please refer to attached Project Description

Total Estimated Cost: \$ 110,150 Cost Share Request: \$ 50,000


Signature _____ Date: 3/17/2025

Gene Maffit, Parks Director
Title _____

**2026 NRD Recreation Area Development Program
South Sioux City – Freedom Park Pour-in-Place Foundation**

Project Description

Siouxland Freedom Park is a 55-acre riverfront public park in South Sioux City dedicated to the contributions of veterans from all services and all conflicts. In addition to this play structure, the park is home to an exact half-scale replica of the Vietnam Memorial Wall in Washington, D.C. The park also features the Brigadier General Bud & Doris Day Interpretive Center, a dog park in memory of Navy Seal John Douangdara and his dog Bart, walking trails, lighting, Freedom Rock, the and a 30×60-foot American flag flown at 150 feet high.

The Freedom Park play structure is approximately 12 years old and is in relatively good condition. It South Sioux City would like to install a pour-in-place foundation at the Freedom Park play structure area located near 1801 Veterans Drive. Freedom Park has a newer play structure/area that currently has crumb rubber that easily gets displaced, needs to be chemically sprayed regularly for weed control and often pools water in the play area during rains. The pour-in-place is a safety surfacing material for playgrounds, running tracks, pool decks, horse stalls, boats, decks, etc. The pour-in-place allows for a firm soft foundation for those with walking challenges or are wheel-bound to enjoy the play structures as well. This foundation will eliminate the need for chemical spraying near the play surface and allow a permeable base offering proper drainage. The pour-in-place uses 4” stone sub-base with concrete curb, site work along with the pour-in-place materials.

Cost sharing is occurring with this NRD funding request as illustrated in the following budget.

| Pour-in-Place - Freedom Park | | 50'x60' | | |
|---|----------------------|------------|----------------------|--|
| Description | Quality | Unit Price | Cost | |
| Pour-in-Place Foundation | 3000 | \$ 22.00 | \$ 66,000.00 | |
| 4" stone sub-base for rubber | 3000 | \$ 4.75 | \$ 14,250.00 | |
| Concrete curb | 220 | \$ 45.00 | \$ 9,900.00 | |
| Site work: seeding, grading, remove debris, | | | \$ 20,000.00 | |
| TOTAL | | | \$ 110,150.00 | |
| Source: Curry, measurement | | | | |
| NRD | \$ 50,000.00 | | | |
| City Cost Share | \$ 60,150.00 | w/NDEE | \$ 22,462.50 | |
| TOTAL | \$ 110,150.00 | | | |
| NDEE | \$ 27,537.50 | 0.25 | Tenative | |

Budget Explanation:

The budget is based on actual costs obtained within the last year. The pour-in-place includes foundation rubber materials estimated at 3000 sq. ft. x \$22.00 poured using GT-Impax surfacing. The rubber is recycled tires from Nebraska. Pricing includes materials, shipping, installation and trash removal. 3.75” thick for 8’ CFH. A 4” stone sub-base is required for the rubber foundation at 3000 sq. ft. x \$4.75 totaling \$14,250. Concrete curbing around the foundation is 220 ft. x \$45.00 totals \$9,900.

Finally, site work with seeding, grading, remove debris, drainage with site security after installation for curing. Total estimated pricing is \$110,150. NRD request is \$50,000 with a city cost share of \$60,150. The city plans on submitting application to the NE Department of Environment and Energy for a Waste Reduction and Recycling Grant for 25% reimbursement for Scrap Tire once project is completed. Outcome of this grant request is unknown at the time of NRD application.

Planning

The city has a Comprehensive Plan approved in 2017 and updated in 2024. The park improvements are planned based on these two activities and the insurance review conducted in 2022. Included in these reviews and comments from residents, the city is ensuring safe fall zones, based on the recommendations of heights. Insurance recommendations also include ensuring no vegetation growing in these fall zones along with the adoption of ADA walkways as offered by the comprehensive plans. This project addresses these issues.

Implementation Schedule

The city will select a vendor using the city's standard procurement processes. Expected completion time is roughly 10-14 days, weather permitting, after all procurement standards are met. The project timeline will be provided by the contractor and approved by city's Parks Director, Gene Maffit.

Attached to this Project Description, please find pour-in-place illustrations and a photo showing the Freedom Park play structure.





PAPIO
 MISSOURI RIVER
 NATURAL RESOURCES DISTRICT

TRAILS ASSISTANCE PROGRAM APPLICATION FORM

Project Name: _____

Project Location: _____
 (attach location map)

Sponsor Organization: _____

Sponsor Address: _____

City/State/Zip: _____

Contact Person: _____

Title: _____

Daytime Phone: _____ Home Business Mobile

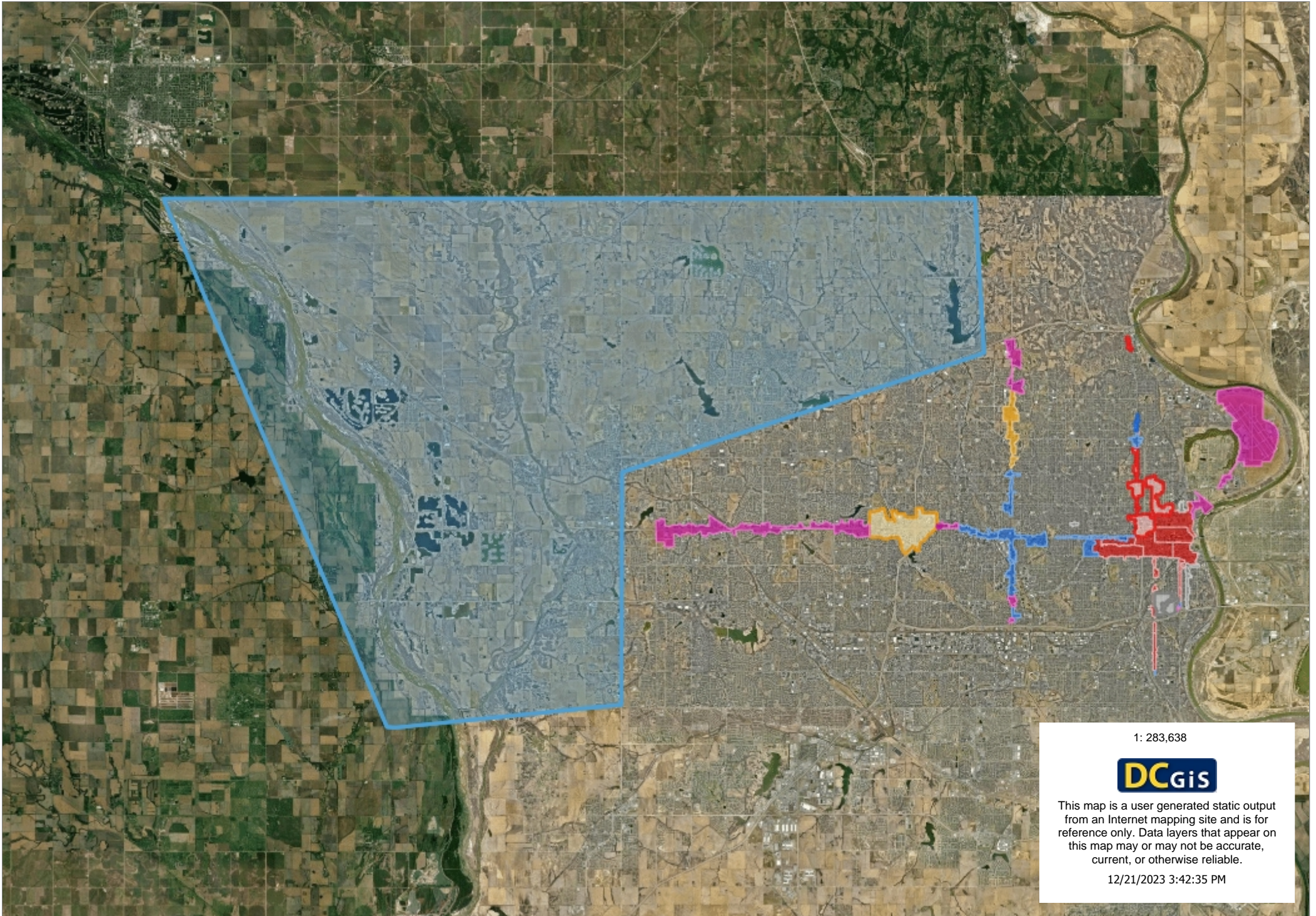
E-mail Address: _____

Description of the proposed project (attach additional sheets as needed):

Total Estimated Cost: \$ _____ Cost Share Request: \$ _____

Kent E. Apfel _____ Date: _____
 Signature

 Title



1: 283,638



This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

12/21/2023 3:42:35 PM



TRAILS ASSISTANCE PROGRAM APPLICATION FORM

Project Name: Ralston Creek Trail Improvements

Project Location: S 72nd Street and Main Street
(attach location map)

Sponsor Organization: City of Ralston

Sponsor Address: 5500 S 77th Street

City/State/Zip: Ralston, NE 68127

Contact Person: Jack Cheloha

Title: City Administrator

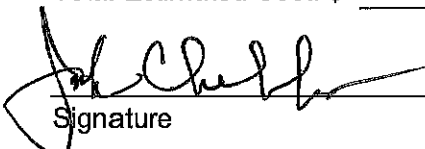
Daytime Phone: (402) 331-6677 Ext. 1207 Home Business Mobile

E-mail Address: jcheloha@cityofralston.com

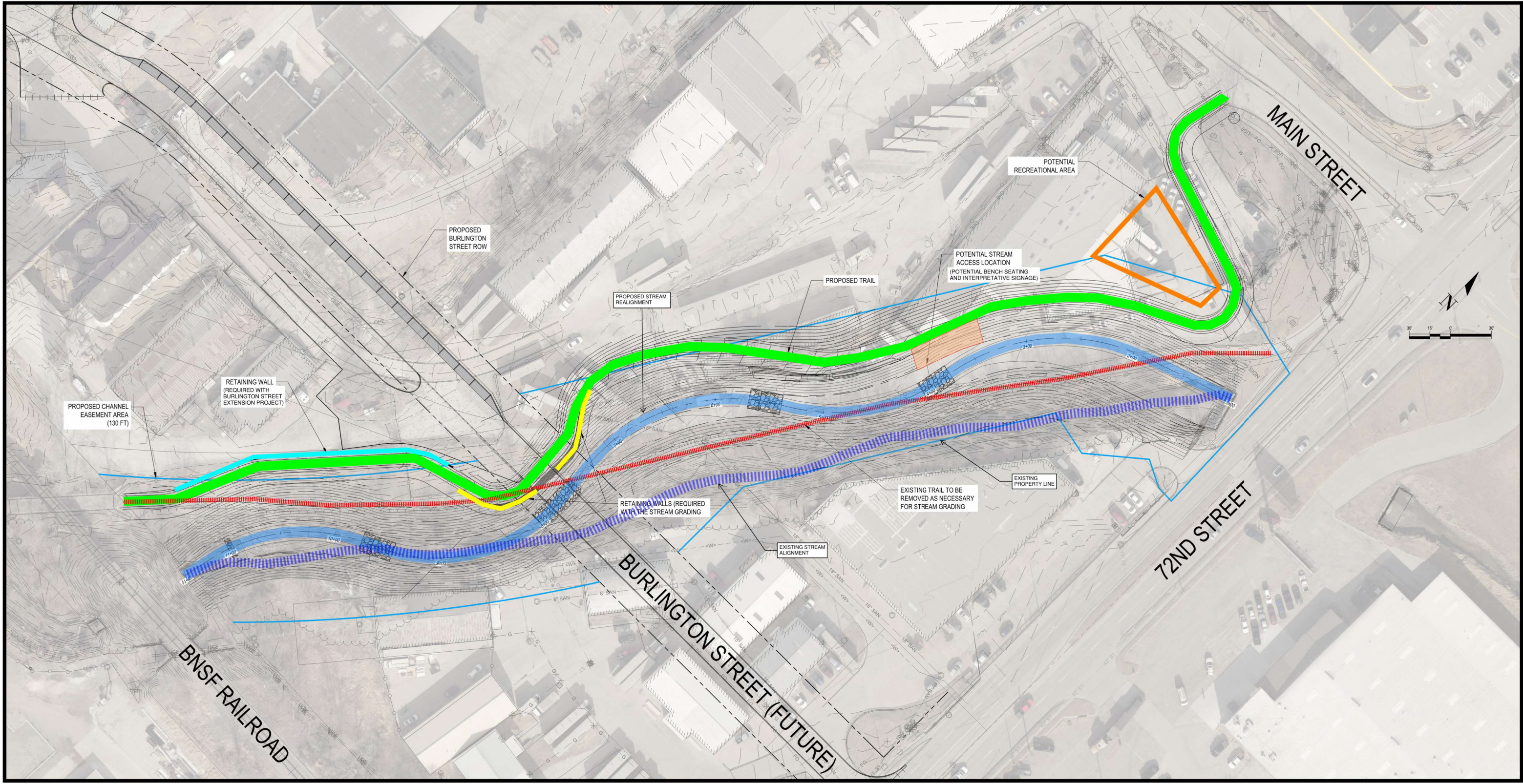
Description of the proposed project (attach additional sheets as needed):

To resolve the ongoing stream degradation issues on Ralston Creek between Burlington Street and 72nd Street the City is currently undertaking stream restoration and beautification through the creation of a new public green space. The planned stream restoration includes stream realignment, meandering the straight channel, and splaying back the banks; thereby impacting the existing adjacent Ralston Trail. In order to construct the stream restoration project the existing Ralston Trail must be relocated to the new top of bank. In addition, the new trail location will allow for the incorporation of other public elements including potential stream access, seating areas, and recreational areas. This trail project will also be submitted to the NGPC Recreational Trails Program when applications open in May 2025. +

Total Estimated Cost: \$ 360,950 Cost Share Request: \$ 180,475


Signature _____ Date: 3/19/2025

City Administrator _____
Title _____



RALSTON CREEK TRAIL

**ENGINEER'S OPINION OF PROBABLE PROJECT COST
RALSTON CREEK TRAIL IMPROVEMENTS
CITY OF RALSTON, NE
PMRNRD TRAIL ASSISTANCE PROGRAM**

| <i>LINE ITEM</i> | <i>ITEM DESCRIPTION</i> | <i>BID QUANTITY</i> | <i>UNIT</i> | <i>UNIT PRICE</i> | <i>TOTAL FOR BID ITEM</i> |
|---|------------------------------------|---------------------|-------------|-------------------|---------------------------|
| 1 | MOBILIZATION/DEMobilIZATION | 1 | LS | \$22,800 | \$22,800 |
| 2 | REMOVE MULTI-USE TRAIL | 1183 | SY | \$20 | \$23,660 |
| 3 | SUBGRADE PREPARATION | 2400 | SY | \$8 | \$19,200 |
| 4 | CONSTRUCT 6" PCC MULTI-USE TRAIL | 13500 | SF | \$10 | \$135,000 |
| 5 | CONSTRUCT SEGMENTAL RETAINING WALL | 1000 | SF | \$50 | \$50,000 |
| SUBTOTAL | | | | | \$250,660 |
| ALLOWANCE FOR INDETERMINANTS (20%) | | | | | \$50,132 |
| OPINION OF PROBABLE CONSTRUCTION COSTS (OPCC) | | | | | \$300,792 |
| ENGINEERING, ADMIN, LEGAL (20%) | | | | | \$60,158 |
| OPINION OF PROBABLE PROJECT COSTS (OPPC) | | | | | \$360,950 |



TRAILS ASSISTANCE PROGRAM APPLICATION FORM

Project Name: Giles Road Trail

Project Location: 175th to 169th and Giles Road, C-77 (25-18)
(attach location map)

Sponsor Organization: Sarpy County

Sponsor Address: 15100 S 84th Street

City/State/Zip: Papillion, NE, 68046

Contact Person: Neal Sellers

Title: Project Manager

Daytime Phone: (402) 537-6907 Home Business Mobile

E-mail Address: NSellers@Sarpy.gov

Description of the proposed project (attach additional sheets as needed):

The proposed project aims to establish a new trail that will connect 169th Street and 175th Street. This trail is designed to run along the Giles Road corridor, providing a safe and accessible pathway for pedestrians and cyclists. The route will be strategically positioned adjacent to WP-2, enhancing the scenic views and recreational opportunities in the area.

Total Estimated Cost: \$ 357,000 Cost Share Request: \$ 178,500

Neal Sellers Date: 03/21/2025

Signature _____

Project Manager _____

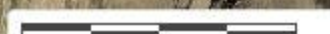
Title _____

I want to...



Proposed Trail Location

Lat: 41.17643° N



500'

Trails Assistance Program – Application Form



Project name Garden Oaks - 2020 Trail Improvements

Project location (attach location map) South 183rd Street and Redwood Street

Sponsor organization SID 313, Garden Oaks

Sponsor address 11440 West Center Road

City Omaha State NE ZIP 68144

Contact person Robert Czerwinski Jr.

Title Municipal Services Dept. Manager

Email address bczerwinski@eacg.com Daytime phone 402.510.1329

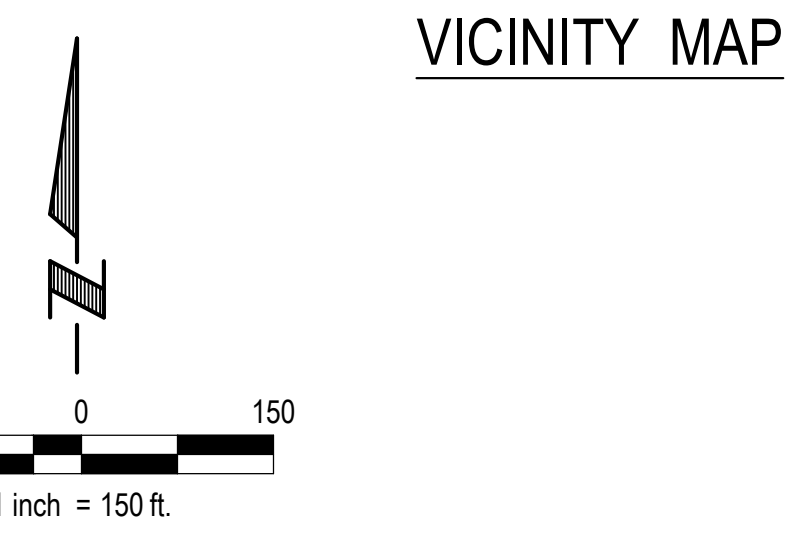
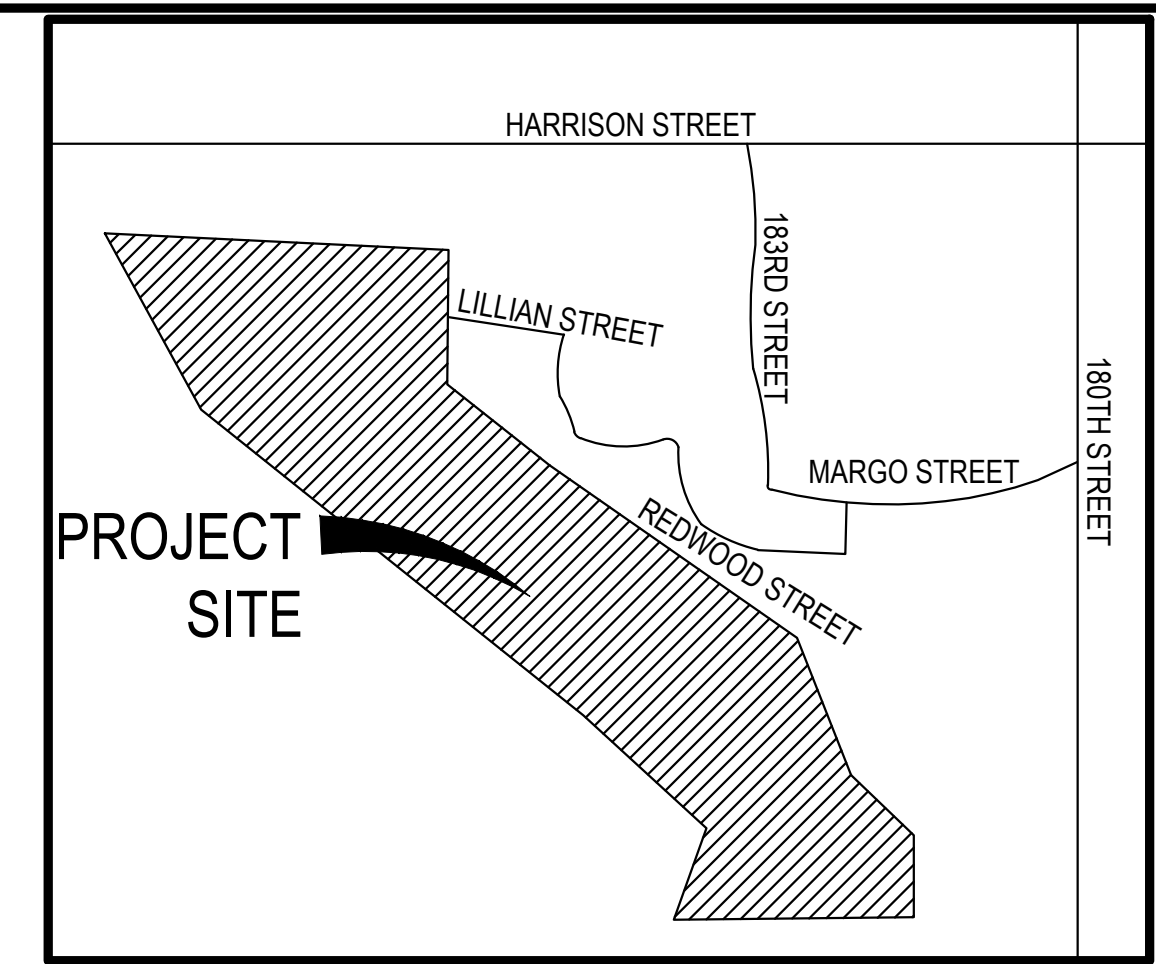
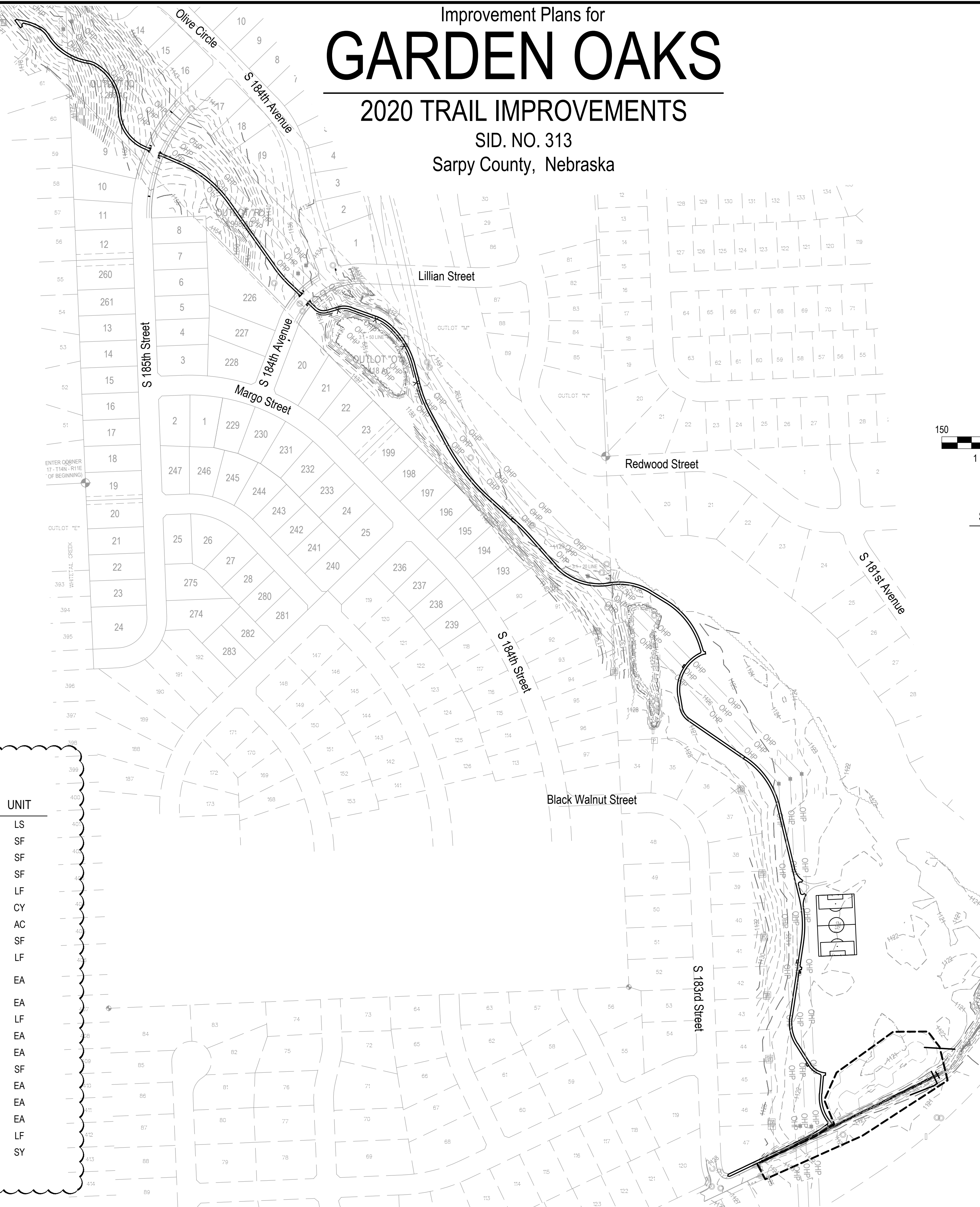
Description of project (attach additional sheets as needed)
To extend the trail system, from Sugar Creek through River Oaks (SID 309) and Garden Oaks (SID 313) making a more complete trail that will connect to the proposed future DS-19, once open to the public. The estimated project completion will be Fall of 2021.

Total estimated cost \$ 500,000.00 Cost share request \$ 250,000.00

Robert F. Czerwinski Jr. 2/26/2021
Signature Date

Municipal Services Dept. Manager
Title

Improvement Plans for
GARDEN OAKS
 2020 TRAIL IMPROVEMENTS
 SID. NO. 313
 Sarpy County, Nebraska



INDEX OF SHEETS

| SHEET NO. | DESCRIPTION |
|-----------|------------------------------|
| 1 | COVER SHEET |
| 2 | NOTES & DETAILS |
| 3 | DETAILS |
| 4 | SITE OVERVIEW |
| 5 | TRAIL PLAN AND PROFILE |
| 6 | TRAIL PLAN AND PROFILE |
| 7 | TRAIL PLAN AND PROFILE |
| 8 | TRAIL PLAN AND PROFILE |
| 9 | TRAIL PLAN AND PROFILE |
| 10 | TRAIL PLAN AND PROFILE |
| 11 | STORM SEWER PLAN AND PROFILE |

APPROXIMATE BID QUANTITIES

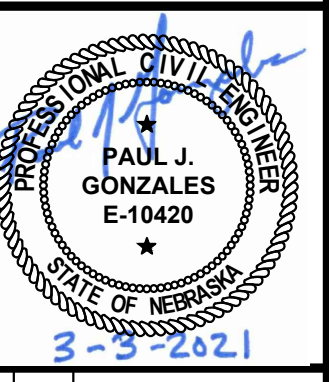
| ITEM | DESCRIPTION | QUANTITY | UNIT |
|------|---|----------|------|
| 1 | CLEARING & GRUBBING - GENERAL | 1 | LS |
| 2 | 6' x 6" CONCRETE TRAIL W/ SUBGRADE PREP & BACKFILL | 25,194 | SF |
| 3 | CONSTRUCT PCC CURB RAMP (4 @ 49 SF) | 196 | SF |
| 4 | INSTALL DETECTABLE WARNING PANEL (4 @ 12 SF) | 48 | SF |
| 5 | INSTALL ROUND RAIL FENCE | 406 | LF |
| 6 | SITE GRADING (HAUL-IN) | 4,016 | CY |
| 7 | SEEDING DISTURBED AREAS - CITY OF OMAHA TYPE "A" SEED | 5 | AC |
| 8 | INSTALL NAG SC150BN ROLLED EROSION CONTROL BLANKET | 6,400 | SF |
| 9 | INSTALL SILT FENCE | 2,458 | LF |
| 10 | 6' PARK BENCH 32 SQ FT (8'X4') CONCRETE PAD (SURFACE MOUNT) | 3 | EA |
| 11 | TRASH RECEPTACLE WITH CONCRETE PAD (SURFACE MOUNT) | 1 | EA |
| 12 | 36" RCP | 492 | LF |
| 13 | 36" CONCRETE COLLARS | 2 | EA |
| 14 | REMOVE AND REINSTALL 36" FLARED END SECTION | 1 | EA |
| 15 | INSTALL FLEXAMAT (9X12) | 72 | SF |
| 16 | FURNISH AND INSTALL CROSSWALK SIGN AND POST - W11-2 | 8 | EA |
| 17 | FURNISH AND INSTALL DOWNWARD POINTING ARROW - W16-7P | 4 | EA |
| 18 | FURNISH AND INSTALL AHEAD - W16-9P | 4 | EA |
| 19 | INSTALL PERMANENT PAINT MARKING, 24" WIDE, WHITE | 80 | LF |
| 20 | CONDITIONED SOILS | 1,820 | SY |

E & A CONSULTING GROUP, INC.
 Engineering • Planning • Environmental & Field Services
 10309 Mill Valley Road, Suite 100 • Omaha, NE 68154
 Phone: 402.895.3700 • Fax: 402.895.3599
 www.eadg.com



2020 TRAIL IMPROVEMENTS
 GARDEN OAKS
 SID. NO. 313
 SARPY, NEBRASKA

COVER SHEET



| | |
|--------------|---------------|
| Proj No: | P2015.497.003 |
| Date: | 3/3/2021 |
| Designed By: | MAT |
| Drawn By: | ARHBJW |
| Scale: | AS SHOWN |
| Sheet: | 1 of 11 |

Brad Williams 3/11/2021 10:32 AM K:\Projects\2015\497\003\engineering\pave\GardenOaks\PAVE_GARDEN_OAKS_TRAIL_000.dwg

UPDATED COST ESTIMATE

SID 313 Garden Oaks
 2020 Tail Improvements
 2/25/2021

| # | DESCRIPTION | QUANT. | UNIT | UNIT PRICE | TOTAL |
|----|--|--------|------|-------------|--------------|
| 1 | CLEARING AND GRUBBING - GENERAL | 1 | LS | \$10,000.00 | \$10,000.00 |
| 2 | 6' x 6" CONCRETE TRAIL WITH SUBGRADE PREP & BACKFILL | 25,194 | SF | \$6.00 | \$151,164.00 |
| 3 | CONSTRUCT PCC CURB RAMP | 196 | SF | \$8.00 | \$1,568.00 |
| 4 | CONSTRUCT DETECTABLE WARNING PANEL | 48 | SF | \$20.00 | \$960.00 |
| 5 | INSTALL ROUND RAIL FENCE | 406 | LF | \$100.00 | \$40,600.00 |
| 6 | SITE GRADING (HAUL IN) | 4,016 | CY | \$20.00 | \$80,320.00 |
| 7 | SEEDING DISTURBED AREAS (TYPE A SEED) | 5 | AC | \$2,800.00 | \$14,000.00 |
| 8 | INSTALL NAG SC150BN ROLLED EROSION CONTROL BLANKET | 6,400 | SY | \$1.50 | \$9,600.00 |
| 9 | INSTALL SILT FENCE | 2,458 | LF | \$3.00 | \$7,374.00 |
| 10 | 6' PARK BENCH | 3 | EA | \$1,800.00 | \$5,400.00 |
| 11 | TRASH RECEPTACLE | 1 | EA | \$1,200.00 | \$1,200.00 |
| 12 | REMOVE AND REINSTALL 36" CONCRETE FES | 1 | EA | \$600.00 | \$600.00 |
| 13 | 36" CONCRETE COLLARS | 2 | EA | \$300.00 | \$600.00 |
| 14 | 36" RCP PIPE | 492 | LF | \$115.00 | \$56,580.00 |
| 15 | Install Flexamat | 72 | SF | \$20.00 | \$1,440.00 |
| 16 | Furnish and Install Crosswalk Sign | 8 | EA | \$125.00 | \$1,000.00 |
| 17 | Furnish and Install Downward Pointing Arrow | 4 | EA | \$125.00 | \$500.00 |
| 18 | Furnish and Install Ahead | 4 | EA | \$125.00 | \$500.00 |
| 19 | Install Permanent Paint Marking | 80 | LF | \$15.00 | \$1,200.00 |
| 20 | Conditioned Soils | 1,820 | SY | \$7.00 | \$12,740.00 |
| | | | | | |

| | |
|-------------------------|---------------------|
| Total Construction Cost | <u>\$397,346.00</u> |
| Soft costs | <u>\$103,309.96</u> |
| Total Project Cost | <u>\$500,655.96</u> |



TRAILS ASSISTANCE PROGRAM APPLICATION FORM

Project Name: Deer Creek Trail Improvements

Project Location: SID 405 Deer Creek and SID 442 Cedar Brook
(attach location map)

Sponsor Organization: SID 405, Deer Creek

Sponsor Address: 11440 West Center Road

City/State/Zip: Omaha

Contact Person: Robert Czerwinski

Title: Municipal Services Dept. Manager

Daytime Phone: 402-510-1329 Home Business Mobile

E-mail Address: bczerwinski@eacg..com

Description of the proposed project (attach additional sheets as needed):

To extend the trail system from Standing Bear Lake to Tranquility Park and extending the trail to Deer Creek Park along the Big Papillion Creek and extending to State St. This is part of the NA3 Tranquility Nature Preserve City of Omaha Park System Master Plan.

Total Estimated Cost: \$ 4,450,000 Cost Share Request: \$ \$2,225,000

Robert F. Czerwinski Jr. Date: 3-21-2025

Signature _____

Municipal Services Dept. Manager _____

Title _____

| | |
|--------------|---------------|
| Sheet: | 1 of 1 |
| Scale: | AS SHOWN |
| Drawn By: | MAT |
| Designed By: | RC / MAT |
| Date: | 1/21/2022 |
| Proj No.: | P2008.276.000 |

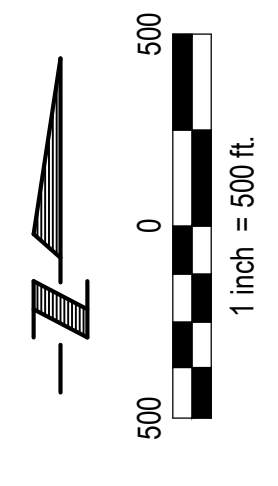
| Revisions | Date | Description |
|-----------|------|-------------|
| | | |

TRAIL EXHIBIT

TRAIL PROJECT
STATE STREET - MAPLE STREET
DOUGLAS COUNTY, NEBRASKA



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PROJECT: SID 405 - Douglas County, NE - Deer Creek 2025 Trail Improvements

JOB # 2008.276.006

| NO. | PHASE I ITEM | APPROX. QUANTITY | UNIT | UNIT PRICE | COST |
|------------------------------|--|---------------------|------|---------------|-----------------|
| 1 | CONSTRUCT 10' x 6' P.C.C. SIDEWALK W/ SUBGRADE PREP & BACKFILL | 85,030 | SF | \$ 9.50 | \$ 807,785.00 |
| 2 | CONSTRUCT STAMPED 6" P.C.C. PAVEMENT (ALONG TRAIL UNDER BRIDGE) | 460 | SF | \$ 10.00 | \$ 4,600.00 |
| 3 | 5" CONCRETE FLUMES (UNDER BRIDGE DRAINS) | xxx | SF | \$ 9.50 | \$ - |
| 4 | RIP RAP (ALONG TRAIL EDGE UNDER BRIDGE) | xxx | TN | xx | \$ - |
| 5 | DOUBLE CURB RAMP CONCRETE (4 RAMPS) | 360 | SF | \$ 10.00 | \$ 3,600.00 |
| 6 | DOUBLE CURB RAMP DETECTBLE WARNING PANEL (4 RAMPS) | 64 | SF | \$ 30.00 | \$ 1,920.00 |
| 7 | DOUBLE CURB RAMP 10' x 6" P.C.C. SIDEWALK (4 RAMPS) | 960 | SF | \$ 9.50 | \$ 9,120.00 |
| 8 | DOUBLE CURB RAMP IMPRINTED SURFACE (4 RAMPS) | 220 | SF | \$ 10.00 | \$ 2,200.00 |
| 9 | HP 10' x 42" STEEL PILE (BOTH BRIDGES) | 1,200 | LF | \$ 125.00 | \$ 150,000.00 |
| 10 | METAL RAILING (ALONG TRAIL UNDER BRIDGE) | xxx | LF | xx | \$ - |
| 11 | VERTICAL ELEVATION OF EXISTING BOX CULVERT (WEST SIDE OF 132ND STREET) | 1 | LS | xx | \$ - |
| 12 | BRIDGE ABUTMENT 'B-8' EXCAVATION | 1 | LS | \$ 6,000.00 | \$ 6,000.00 |
| 13 | BRIDGE ABUTMENT 'B-7' EXCAVATION | 1 | LS | \$ 6,000.00 | \$ 6,000.00 |
| 14 | BRIDGE ABUTMENT 'B-6' EXCAVATION | 1 | LS | \$ 6,000.00 | \$ 6,000.00 |
| 15 | BRIDGE ABUTMENT 'B-5' EXCAVATION | 1 | LS | \$ 6,000.00 | \$ 6,000.00 |
| 16 | 60'-0" x 10'-0" PEDESTRIAN BRIDGE 'A' (WOOD PLANK DECKING) | 1 | LS | \$ 94,905.00 | \$ 94,905.00 |
| 17 | 110'-0" x 10'-0" PEDESTRIAN BRIDGE 'B' (WOOD PLANK DECKING) | 1 | LS | \$ 205,133.00 | \$ 205,133.00 |
| 18 | CLASS 47B-3000 CONCRETE FOR BRIDGE 'A' | 32 | CY | \$ 1,000.00 | \$ 32,000.00 |
| 19 | CLASS 47B-3000 CONCRETE FOR BRIDGE 'B' | 32 | CY | \$ 1,000.00 | \$ 32,000.00 |
| 20 | EPOXY COATED REINFORCED STEEL (BOTH BRIDGES) | 3,600 | LB | \$ 5.00 | \$ 18,000.00 |
| 21 | STRUCTURAL STEEL FOR SUBSTRUCTURE (BOTH BRIDGES) | 240 | LB | \$ 18.00 | \$ 4,320.00 |
| 22 | CLEARING AND GRUBBING - GENERAL | 1 | LS | \$ 25,000.00 | \$ 25,000.00 |
| 23 | CLEARING AND GRUBBING TREES OVER 9" TO 18" DIAMETER | 10 | EA | \$ 500.00 | \$ 5,000.00 |
| 24 | CLEARING AND GRUBBING TREES OVER 18" TO 27" DIAMETER | 10 | EA | \$ 750.00 | \$ 7,500.00 |
| 25 | SITE GRADING | xxx | CY | xx | \$ - |
| 26 | SOIL CONDITIONING | 787 | CY | \$ 75.00 | \$ 59,025.00 |
| 27 | CONSTRUCT SILT FENCE | 8,550 | LF | \$ 5.00 | \$ 42,750.00 |
| 28 | SEED ALL DISTURBED AREAS - TYPE A | 5.0 | AC | \$ 4,000.00 | \$ 20,000.00 |
| 29 | MAT ALL DISTURBED AREAS - NORTH AMERICAN GREEN S-150 | 24,200 | SY | \$ 2.00 | \$ 48,400.00 |
| 30 | INSTALL CONSTRUCTION ENTRANCE | 1 | LS | \$ 2,500.00 | \$ 2,500.00 |
| 31 | INSTALL CONCRETE WASHOUT | 1 | LS | \$ 1,500.00 | \$ 1,500.00 |
| 32 | TERRACON BORING SERVICES | 1 | LS | \$ 10,000.00 | \$ 10,000.00 |
| 33 | ERICKSON ENGINEERING DESIGN SERVICES | 1 | LS | \$ 20,000.00 | \$ 20,000.00 |
| TOTAL ESTIMATED CONST. COST: | | | | | \$ 1,631,258.00 |
| ADMIN COST: | | | | | \$ 652,503.20 |
| TOTAL COST: | | | | | \$ 2,283,761.20 |

| NO. | PHASE II ITEM | APPROX. QUANTITY | UNIT | UNIT PRICE | COST |
|------------------------------|--|---------------------|------|---------------|-----------------|
| 1 | CONSTRUCT 10' x 6" P.C.C. SIDEWALK W/ SUBGRADE PREP & BACKFILL | 50,440 | SF | \$ 9.50 | \$ 479,180.00 |
| 5 | DOUBLE CURB RAMP CONCRETE (1 RAMP) | 90 | SF | \$ 10.00 | \$ 900.00 |
| 6 | DOUBLE CURB RAMP DETECTBLE WARNING PANEL (1 RAMP) | 16 | SF | \$ 30.00 | \$ 480.00 |
| 7 | DOUBLE CURB RAMP 10' x 6" P.C.C. SIDEWALK (1 RAMP) | 240 | SF | \$ 9.50 | \$ 2,280.00 |
| 8 | DOUBLE CURB RAMP IMPRINTED SURFACE (1 RAMP) | 55 | SF | \$ 10.00 | \$ 550.00 |
| 2 | HP 10' x 42" STEEL PILE (BOTH BRIDGES) | 1,200 | LF | \$ 125.00 | \$ 150,000.00 |
| 3 | BRIDGE ABUTMENT 'B-4' EXCAVATION | 1 | LS | \$ 6,000.00 | \$ 6,000.00 |
| 4 | BRIDGE ABUTMENT 'B-3' EXCAVATION | 1 | LS | \$ 6,000.00 | \$ 6,000.00 |
| 5 | BRIDGE ABUTMENT 'B-2' EXCAVATION | 1 | LS | \$ 6,000.00 | \$ 6,000.00 |
| 6 | BRIDGE ABUTMENT 'B-1' EXCAVATION | 1 | LS | \$ 6,000.00 | \$ 6,000.00 |
| 7 | 110'-0" x 10'-0" PEDESTRIAN BRIDGE 'C' (WOOD PLANK DECKING) | 1 | LS | \$ 205,133.00 | \$ 205,133.00 |
| 8 | 120'-0" x 10'-0" PEDESTRIAN BRIDGE 'D' (WOOD PLANK DECKING) | 1 | LS | \$ 234,495.00 | \$ 234,495.00 |
| 9 | CLASS 47B-3000 CONCRETE FOR BRIDGE 'C' | 32 | CY | \$ 1,000.00 | \$ 32,000.00 |
| 10 | CLASS 47B-3000 CONCRETE FOR BRIDGE 'D' | 32 | CY | \$ 1,000.00 | \$ 32,000.00 |
| 11 | EPOXY COATED REINFORCED STEEL (BOTH BRIDGES) | 3,600 | LB | \$ 5.00 | \$ 18,000.00 |
| 12 | STRUCTURAL STEEL FOR SUBSTRUCTURE (BOTH BRIDGES) | 240 | LB | \$ 18.00 | \$ 4,320.00 |
| 13 | CLEARING AND GRUBBING - GENERAL | 1 | LS | \$ 25,000.00 | \$ 25,000.00 |
| 14 | CLEARING AND GRUBBING TREES OVER 9" TO 18" DIAMETER | 10 | EA | \$ 500.00 | \$ 5,000.00 |
| 15 | CLEARING AND GRUBBING TREES OVER 18" TO 27" DIAMETER | 10 | EA | \$ 750.00 | \$ 7,500.00 |
| 16 | SITE GRADING | xxx | CY | xx | \$ - |
| 17 | SOIL CONDITIONING | 467 | CY | \$ 75.00 | \$ 35,025.00 |
| 18 | CONSTRUCT SILT FENCE | 5,100 | LF | \$ 5.00 | \$ 25,500.00 |
| 19 | SEED ALL DISTURBED AREAS - TYPE A | 3.0 | AC | \$ 4,000.00 | \$ 12,000.00 |
| 20 | MAT ALL DISTURBED AREAS - NORTH AMERICAN GREEN S-150 | 14,520 | SY | \$ 2.00 | \$ 29,040.00 |
| 21 | INSTALL CONSTRUCTION ENTRANCE | 1 | LS | \$ 2,500.00 | \$ 2,500.00 |
| 22 | INSTALL CONCRETE WASHOUT | 1 | LS | \$ 1,500.00 | \$ 1,500.00 |
| 23 | TERRACON BORING SERVICES | 1 | LS | \$ 10,000.00 | \$ 10,000.00 |
| 24 | ERICKSON ENGINEERING DESIGN SERVICES | 1 | LS | \$ 20,000.00 | \$ 20,000.00 |
| TOTAL ESTIMATED CONST. COST: | | | | | \$ 1,356,403.00 |
| ADMIN COST: | | | | | \$ 542,561.20 |
| TOTAL COST: | | | | | \$ 1,898,964.20 |

| NO. | PHASE III ITEM | APPROX. QUANTITY | UNIT | UNIT PRICE | COST |
|------------------------------|---|---------------------|------|---------------|---------------|
| 1 | CONSTRUCT 10' x 6" P.C.C. SIDEWALK W/ SUBGRADE PREP & BACKFILL | 13,950 | SF | \$ 9.50 | \$ 132,525.00 |
| 2 | CONSTRUCT STAMPED 6" P.C.C. PAVEMENT (ALONG TRAIL UNDER BRIDGE) | 460 | SF | \$ 10.00 | \$ 4,600.00 |
| 3 | 5" CONCRETE FLUMES (UNDER BRIDGE DRAINS) | xxx | SF | \$ 9.50 | \$ - |
| 4 | RIP RAP (ALONG TRAIL EDGE UNDER BRIDGE) | xxx | TN | xx | \$ - |
| 5 | METAL RAILING (ALONG TRAIL UNDER BRIDGE) | xxx | LF | xx | \$ - |
| 6 | CLEARING AND GRUBBING - GENERAL | 1 | LS | \$ 15,000.00 | \$ 15,000.00 |
| 7 | CLEARING AND GRUBBING TREES OVER 9" TO 18" DIAMETER | 5 | EA | \$ 500.00 | \$ 2,500.00 |
| 8 | CLEARING AND GRUBBING TREES OVER 18" TO 27" DIAMETER | 5 | EA | \$ 750.00 | \$ 3,750.00 |
| 9 | SITE GRADING | xxx | CY | xx | \$ - |
| 10 | SOIL CONDITIONING | 129 | CY | \$ 75.00 | \$ 9,675.00 |
| 11 | CONSTRUCT SILT FENCE | 1,450 | LF | \$ 5.00 | \$ 7,250.00 |
| 12 | SEED ALL DISTURBED AREAS - TYPE A | 1.0 | AC | \$ 4,000.00 | \$ 4,000.00 |
| 13 | MAT ALL DISTURBED AREAS - NORTH AMERICAN GREEN S-150 | 4,840 | SY | \$ 2.00 | \$ 9,680.00 |
| 14 | INSTALL CONSTRUCTION ENTRANCE | 1 | LS | \$ 2,500.00 | \$ 2,500.00 |
| 15 | INSTALL CONCRETE WASHOUT | 1 | LS | \$ 1,500.00 | \$ 1,500.00 |
| TOTAL ESTIMATED CONST. COST: | | | | | \$ 192,980.00 |
| ADMIN COST: | | | | | \$ 77,192.00 |
| TOTAL COST: | | | | | \$ 270,172.00 |

GRAND TOTAL COST: \$ 4,452,897.40



PAPIO
MISSOURI RIVER
NATURAL RESOURCES DISTRICT

TRAILS ASSISTANCE PROGRAM APPLICATION FORM

Project Name: South Sioux City Norm Waitt Sr. YMCA Trail

Project Location: 601 Riverview Drive, South Sioux City, map attached
(attach location map)

Sponsor Organization: City of South Sioux City

Sponsor Address: 1615 First Ave.

City/State/Zip: South Sioux City, NE 68776

Contact Person: Gene Maffit

Title: Parks Director


Daytime Phone: 402-494-7540 Home Business Mobile

E-mail Address: gmaffit@southsiouxcity.org; sscgrants@southsiouxcity.org

Description of the proposed project (attach additional sheets as needed):

See attached

Total Estimated Cost: \$ 60,000.00 Cost Share Request: \$ 30,000.00


Signature

Date: 3/20/2025

Gene Maffit, Parks Director
Title

South Sioux City Norm Waitt Sr. YMCA Trail

Project Description

South Sioux City is seeking a Trails Assistance Program grant to fund the construction of a 1,200-linear-foot, 8-foot-wide walking trail around Norm Waitt Sr. YMCA. The trail will wrap around the back of the YMCA, closer to the Missouri River, offering a scenic and accessible outdoor space for walking, jogging, and recreation. This project will create a free, well-maintained public space for residents of all ages, promoting physical activity, social connection, and overall well-being.

The YMCA is located on City-owned property, fostering a strong collaborative relationship between the YMCA and South Sioux City to enhance community recreation. The trail will integrate seamlessly with the YMCA's existing facilities while complementing the City's broader efforts to expand outdoor recreational spaces. Its location near the Missouri River adds natural beauty and a peaceful setting, further encouraging use and enjoyment.

This project aligns with the City's Comprehensive Plan and contributes to ongoing efforts to create accessible and active public spaces for residents. South Sioux City continues to invest in public amenities that foster a strong, connected community. The addition of a dedicated walking trail at the YMCA will encourage exercise, outdoor activity, and community engagement while taking advantage of the natural surroundings near the river.

Budget

The budget estimate for the walking trail project is \$60,000, with an NRD cost-share request of \$30,000 (50%) and a YMCA contribution of \$30,000 (50%).

Implementation Schedule

The City will select a vendor using standard procurement processes. Expected completion is by December 2025, weather permitting, after all procurement standards are met. The project timeline will be provided by the selected contractor and approved by YMCA leadership and the City Parks Director, Gene Maffit.

