

Memorandum

To: Programs, Projects, and Operations Subcommittee

Subject: FY 2008 Urban Cost Share Programs

- Recreation Area Development Program
- Trails Assistance Program
- Urban Drainageway Program
- Urban Conservation Assistance Program

Date: March 27, 2007

From: Gerry Bowen

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.

Recreation Area Development

The Recreation Area Development Program (RAD) cost shares with cities and villages 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 notes that Board approval is required. On all others, Management has approval authority.

The following application has been approved by Management.

- a. The City of Papillion is requesting assistance to install two (2) picnic shelters at the Clarence Petersen Fields Complex located west of the Sarpy YMCA on First Street in Papillion. The total cost of the project is estimated at \$39,299. The City is requesting 50% of this amount, or **\$19,649**.

The following application requires Board approval.

- a. The City of Omaha is requesting assistance with improvements to Hummel Park located near N.P. Dodge Park along the Missouri River. The improvements include hiking trails, shelter improvements, and new shelters. The total cost of all improvements is estimated to cost \$583,692. The City is requesting the maximum allowed under this program, or **\$50,000**.

The following table summarizes the RAD project requests for FY 2008. The FY 2007 budget for this program was \$119,650.

Sponsor	Total Estimated Cost	Cost Share Requested
City of Papillion – Petersen Fields	\$39,299	\$19,649
City of Omaha – Hummel Park	\$583,692	\$50,000
Total	\$622,991	\$69,649

Management recommends that the Subcommittee recommend to the Board that the applications from the City of Papillion for \$19,649, and the City of Omaha for \$50,000 be approved, for a total of \$69,649, subject to funding in the FY 2008 budget.

Trails Assistance Program

The Trails Assistance Program cost shares with sponsors on trail projects approved for funding under the Transportation Enhancement Program. The cost share rate is 50% of the local share. All projects require Board approval.

The following sponsors have requested assistance.

- a. The City of Omaha has requested assistance to build a trail connecting the Keystone Trail in Karen Park with the Field Club Trail. The first phase of the project will stop at 45th & Dayton and has been approved under the NDOR Transportation Enhancement Program. The project will also receive a grant from the Peter Kiewit Foundation. The total estimated cost of the project is \$1,208,200. The local share following application of all cost share and grants is estimated at \$400,000. The City is requesting 50% of this amount, or **\$200,000**.
- b. The City of South Sioux City has requested assistance to build the All America Trail that will connect the Tri-State Trail with the All American Subdivision in the western part of the City. The trail route will also connect several city parks along the route and the future Wayne State University and Northeast Community College joint campus. The project was approved for funding by the NDOR's Transportation Enhancement Program. The estimated cost for the project is \$522,090. They are requesting 50% of the local share, or **\$104,418**.
- c. The City of South Sioux City has requested assistance to relocate and rehabilitate an existing trail located near 26th Street. The project was approved under the NGPC's Recreational Trails Program. The total estimated cost of the project is \$32,370. They are requesting 50% of the local share, or **\$8,092**.

The following table summarizes the applications for the TAP for FY 2008. The FY 2007 budget for this program was \$244,744.

Sponsor	Total Estimated Cost	FY 08 Cost Share Requested
City of Omaha	\$1,208,200	\$200,000
City of South Sioux City	\$522,090	\$104,418
City of South Sioux City	\$32,370	\$8,092
Grand Total	\$1,762,660	\$312,510

Management recommends that the Subcommittee recommend to the Board that the applications from the City of Omaha for \$200,000, the City of South Sioux City All American Trail for \$104,418, and the City of South Sioux City 26th Street Trail for \$8,092 be approved, for a total of \$312,510, subject to funding in the FY 2008 budget.

Urban Drainageway Program

The District received one application under the Urban Drainageway Program.

- a. The Omaha Tribe proposes to continue a project to solve flooding and erosion problems in the Village of Macy through the downtown area. They are requesting assistance for Phase 3 of the project for stormwater management facilities in southwest Macy. The estimated cost of the project is \$165,250. They are requesting 60% of this amount, or **\$99,150**.

The FY 2007 Budget included \$550,370 for this item.

- **Management recommends that the subcommittee recommend to the Board that the application from the Omaha Tribe for \$99,150, subject to funding in the FY 2008 Budget.**

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 in their jurisdiction. Construction costs only are eligible. The Policy Manual calls for Management approval of all applications. The following application was received.

Management intends to approve the following application.

- a. The City of South Sioux City is requesting assistance to install three (3) rain gardens in the City to manage and treat stormwater runoff in these areas that are not currently served by storm sewers. The total estimated cost of the project is \$42,570. The City is requesting the maximum allowed under the program, or **\$25,000**.

There were no applications received under this program in FY 2007.

It is recommended that the Subcommittee recommend to the Board that the application from the City of South Sioux City for \$25,000, be approved, subject to funding in the FY 2008 budget.



Form 17.27 A

RECREATION AREA DEVELOPMENT PROGRAM

APPLICATION FORM

1. DATE: March 7, 2007

2. PROJECT NAME: Hummel Park Rehabilitation

3. PROJECT SPONSOR: City of Omaha - Parks, Recreation & Public Property
(Address)

1819 Farnam St., Suite 701

Omaha, NE 68183

4. CONTACT PERSON: Patrice Slaven TITLE: Park Planner

5. TELEPHONE: 402-444-3977

6. PROJECT LOCATION**: 11808 John J. Pershing Drive, Omaha, Nebraska

The park is located on the north edge of the Omaha metropolitan area - see attached aerial photo

7. DESCRIPTION OF PROJECT**: see attachment

8. TOTAL ESTIMATED COST: \$280,000

9. COST SHARE REQUEST: \$ 50,000

10. SIGNATURE/TITLE: Steve Scarpello Steve Scarpello, Director, PR&PP

** Attach additional sheets as necessary.

DESCRIPTION OF PROJECT

Hummel Park is a 202-acre park of steep, wooded slopes. Its natural character lends itself to activities not typically found in urban parks.

It is the home of the City's Day Camp program, which draws 2,000 children every summer. There are nature and hiking trails, picnic areas, overlooks, a playground and several old stone Works Progress Administration structures.

The City of Omaha is currently embarking on an effort to update the master plan for this park. The public will be invited to provide input and help set priorities for the project. It is anticipated that some of the improvements to be implemented will include installing new picnic facilities, constructing trails, walkways and accessibility improvements, rebuilding deteriorated stairs and paving and replacing an old playground with play activities designed to enhance and reinforce the natural experience that the park offers.

Cost share funding from the Papio-Missouri River Natural will supplement the City's funds of \$300,000, therefore allowing more of the project goals to be met

Hummel Park - Updated Project List

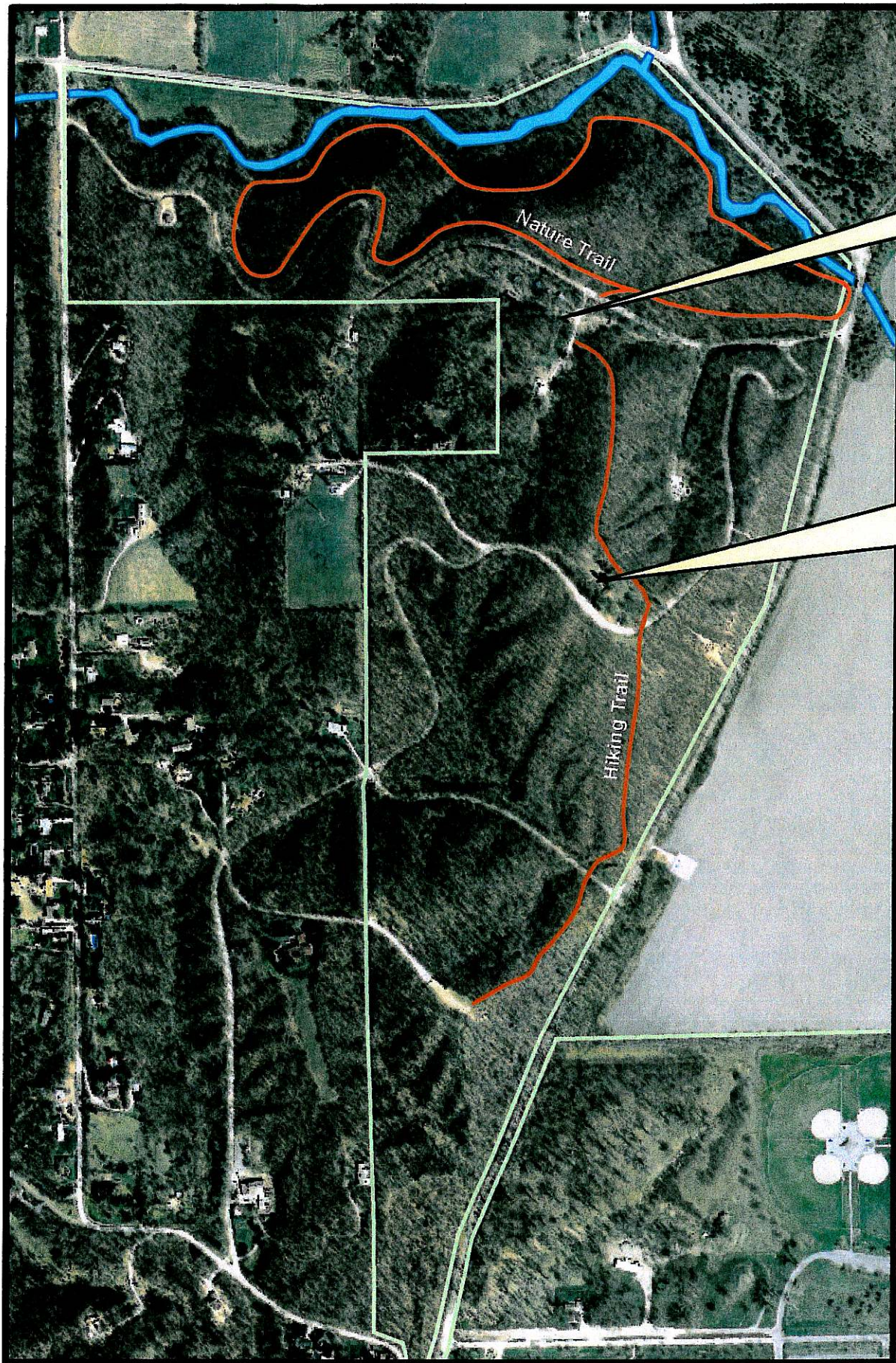
Opinion of Probable Construction Costs

City of Omaha - Dept. of Parks, Recreation and Public Property

6-Mar-07

Item	Quantity	Unit	Unit Cost	Item Cost	Subtotal	Subtotal + 20%
Day Camp Facilities						
Tribe Shelters						
- paint existing shelters	1	LS	\$5,000.00	\$5,000		
- new picnic tables	30	EA	\$750.00	\$22,500		
					\$27,500	\$33,000
Site Improvements						
- asphalt removal	978	SY	\$0.00	\$0		
- retaining wall removal	500	SF	\$0.00	\$0		
- disposal	183	CY	\$0.00	\$0		
- grading	500	CY	\$4.00	\$2,000		
- asphalt paving	2,270	SY	\$20.00	\$45,400		
- concrete walk	300	SF	\$3.00	\$900		
- wheel stops	25	EA	\$60.00	\$1,500		
- retaining wall - 8' high	1,450	SFF	\$25.00	\$36,250		
- retaining wall - 3' high	320	SFF	\$25.00	\$8,000		
- new gates at camp entry	1	LS	\$4,000.00	\$4,000		
- wood screen fence	50	LF	\$16.00	\$800		
					\$98,850	\$118,620
Buildings Rehab						
- building rehab	1	LS	\$100,000.00	\$100,000		
					\$100,000	\$120,000
Hiking Trail						
<i>North Section</i>						
- new/realigned trail	500	LF	\$3.00	\$1,500		
- remediation for abandoned section	50	CY	\$10.00	\$500		
					\$2,000	\$2,400
<i>South Section</i>						
- new/realigned trail	1,270	LF	\$3.00	\$3,810		
- viewing deck (10'x10')	100	SF	\$25.00	\$2,500		
- guardrails	30	LF	\$25.00	\$750		
					\$7,060	\$8,472
Water Station						
- soap dispensers	10	EA	\$65.00	\$650		
- additional drinking fountains	2	EA	\$1,000.00	\$2,000		
					\$2,650	\$3,180
Public address system						
	1	LS	\$3,500.00	\$3,500		
					\$3,500	\$4,200

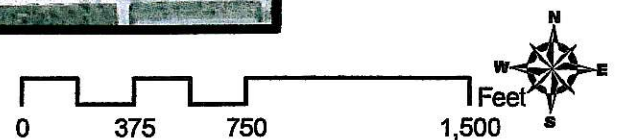
Hummel Park - Updated Project List						
Opinion of Probable Construction Costs						
City of Omaha - Dept. of Parks, Recreation and Public Property						
6-Mar-07						
Item	Quantity	Unit	Unit Cost	Item Cost	Subtotal	Subtotal + 20%
Other Park Facilities						
Upper Shelter Site Improvements						
- grading for accessible walk	75	CY	\$4.00	\$300		
- accessible conc. walk	500	SF	\$3.50	\$1,750		
- pave accessible parking	900	SF	\$4.00	\$3,600		
- entry stairway (concrete)	1	LS	\$6,000.00	\$6,000		
- retaining wall	2,820	SFF	\$25.00	\$70,500		
					\$82,150	\$98,580
Playground - Upper Shelter Site						
- new playground, complete	1	LS	\$50,000.00	\$50,000		
					\$50,000	\$60,000
Gates						
- road gates to close at night	2	EA	\$18,000.00	\$36,000		
					\$36,000	\$43,200
Picnic Facilities						
- new picnic tables	30	EA	\$1,500.00	\$45,000		
- new grills	10	EA	\$250.00	\$2,500		
					\$47,500	\$57,000
South Lookout						
- parking improvements	1	LS	\$10,000.00	\$10,000		
- picnic tables	2	EA	\$600.00	\$1,200		
- road gates to close at night	1	LS	\$18,000.00	\$18,000		
					\$29,200	\$35,040
TOTAL						\$583,692

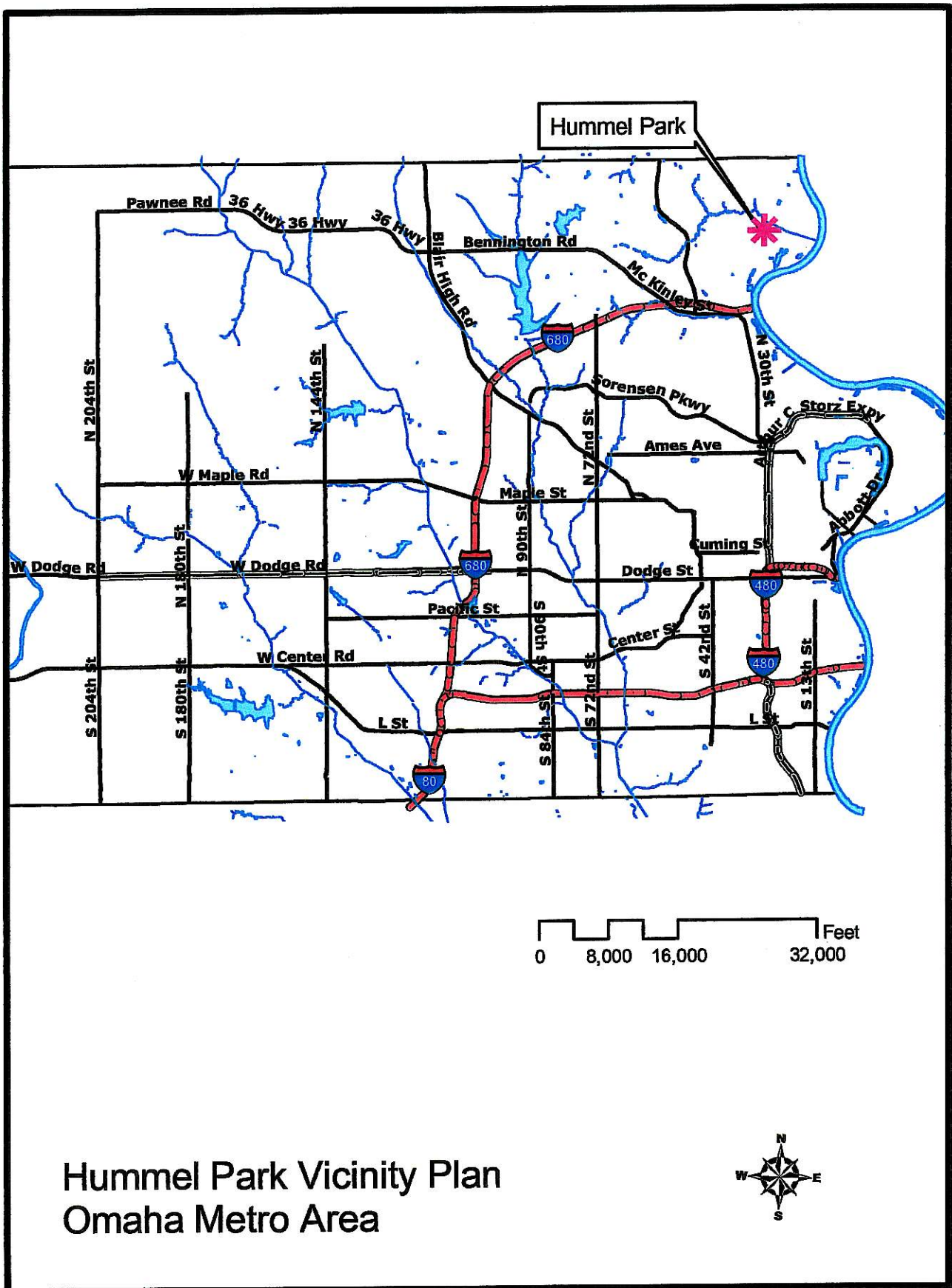


Day Camp
*Trails/Paths
*Picnic Tables
*Nature Activities

WPA Stone Shelter
*Picnic Tables
*Trail Connections
*Retaining Walls
*Play Activities
*Grills
*Stairs and Paving

Hummel Park Rehabilitation Needs






Form 17.27 A

RECREATION AREA DEVELOPMENT PROGRAM

APPLICATION FORM

1. DATE: March 16, 2007
2. PROJECT NAME: Clarence Petersen Field upgrade
3. PROJECT SPONSOR: City of Papillion - Public Works Department
(Address)
122 East Third Street
Papillion, NE 68046
4. CONTACT PERSON: Marty Leming TITLE: Director of Public Works
5. TELEPHONE: (402) 597-2043
6. PROJECT LOCATION **: 1001 East First Street
Clarence Petersen Field -- please see attached map
7. DESCRIPTION OF PROJECT : Install two (2) 16x16 shelters with trash can receptacles,
picnic tables along with an 8-foot wide sidewalk to each structure off of the trail
connection.
8. TOTAL ESTIMATED COST: \$39,299.00
9. COST SHARE REQUEST: \$19,649.00
10. SIGNATURE/TITLE:  DIRECTOR OF PUBLIC WORKS

** Attach additional sheets as necessary.

PUBLIC WORKS DEVELOPMENT PROGRAM

6. PROJECT LOCATION:

This project will be located at the City of Papillion's First Street park facility by the Clarence Petersen Fields. The Papillion Public Works Department is hoping to construct two (2) covered shelters within the Clarence Petersen Field area to provide shelter for patrons attending activities at the ball park or for picnic use of people who want to use the playground equipment in this area. This area also has a trail connection to the Papillion Creek Levy Trail where patrons could utilize these shelters.

7. DESCRIPTION OF PROJECT:

The purpose of the proposed upgrade is to provide two (2) shelters for patrons attending activities at our Clarence Petersen Field location. Currently this location does not have adequate shade or cover for patrons utilizing this facility. The park location was created and developed in 1998 and although some trees have been planted, they don't really provide any shade for patrons looking for relief from the sun or other types of weather.

Our main goal for the installation of these park shelters is for patron safety. Aesthetically, these features will add to the overall look and visibility of the park. But primarily, the features protect the patrons from the sun, heat and other adverse weather conditions. They also provide for an appropriate space to enjoy meals and snacks with their friends, families and teams which keeps people in our parks and promotes patron use of our facilities.

IMPLEMENTATION SCHEDULE:

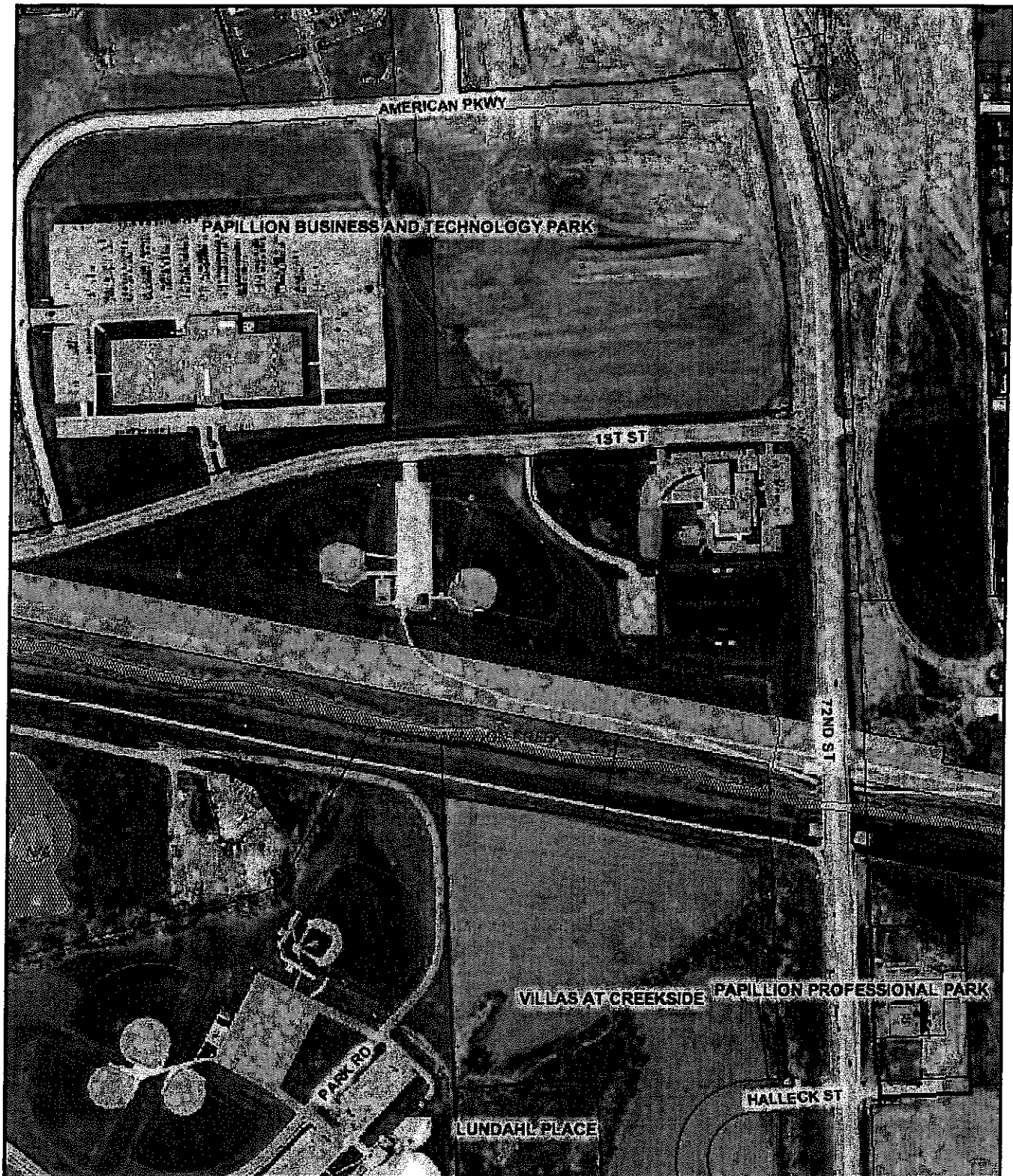
The implementation of the proposed project will take place early in the Fall of 2007 when the weather will allow us to pour concrete and install the structures.

CONTRACT AGREEMENTS:

1. The City of Papillion will administer all contracts for design, construction and construction observation for the project.
2. The City of Papillion will control erosion on the site during construction and until permanent vegetation is firmly established.
3. The City of Papillion will hold save the NRD District free from damages and claims due to the construction, or operation and maintenance of the recreation area.
4. The City of Papillion will execute an agreement with the NRD District which will outline these guidelines pending approval of this grant application.
5. The City of Papillion will utilize recycled or recyclable products wherever practical and feasible for this project's construction.

ESTIMATED PROJECT COST:

16' x 16' Shelter (2)	\$10,912.00 each	\$21,824.00
Picnic tables (6)	\$900.00 each	\$5,400.00
Trash receptacles (4)	\$1,200.00 each	\$4800.00
Concrete	45 yards @ \$55.00 for	\$2,475.00
City labor to install shelters & concrete		<u>\$4,800.00</u>
Total estimated cost:		\$39,299.00

Sarpy County, Nebraska

Disclaimer: This data is for informational purposes only, and should not be substituted for a true titles search, property appraisal, survey, or for zoning district verification. Sarpy County and the Sarpy County GIS Coalition assume no legal responsibility for the information contained in this data.

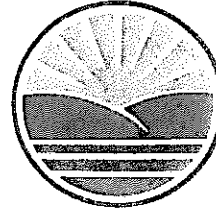
Map Scale
1 inch = 452 feet

Form 17.40 A

TRAILS ASSISTANCE PROGRAM

APPLICATION FORM

PAPIO-MISSOURI RIVER
NATURAL
RESOURCES
DISTRICT




8901 S. 154TH ST.
OMAHA, NE 68138-3621
(402) 444-6222
FAX (402) 895-6543
www.papionrd.org

1. DATE: 2/28/07
2. PROJECT NAME: Keystone Trail-East Connector Phase I
3. PROJECT SPONSOR: City of Omaha Parks, Recreation & Public Property
(Address) 1819 Farnam Street, Suite 701, Omaha, NE 68183
4. CONTACT PERSON: Paul Martin TITLE: Park Planner
5. TELEPHONE: (402) 444-5943
6. PROJECT LOCATION**: This first phase of the trail project begins at Karen Park, and runs in an easterly direction along city owned railroad R.O.W. and ends at 45th & Dayton Street.
7. DESCRIPTION OF PROJECT**: The trail will be constructed of PC Concrete, 10' in width. Future phases (2) of this project will eventually link with the Field Club Trail, creating access to the downtown Omaha area.
8. TOTAL ESTIMATED COST: \$1,208,200.00
9. COST SHARE REQUEST: \$ 200,000.00
10. SIGNATURE/TITLE:

** Attach additional sheets as necessary.

State of Nebraska
Department of Roads

Transportation Enhancement Improvement Request (Final)

1.	AGENCY NAME: City of Omaha Parks, Recreation and Public Property Dept.	GOVERNMENTAL AGENCY (Check One): <input type="checkbox"/> Village <input checked="" type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> NRD <input type="checkbox"/> State <input type="checkbox"/> Other	
2.	CONTACT PERSON: Paul Martin	FAX NUMBER: (402) 444-4921	
	MAILING ADDRESS: (Street) 1819 Farnam Street, Suite # 701	CITY: Omaha	STATE: NE
	DAYTIME PHONE: (402) 444-5943	E-MAIL: pmartin@ci.omaha.ne.us	
3.	CONTACT PERSON: (Print Name & Title) Paul Martin, City Planner 2	SIGNATURE 	DATE: 9/28/06
4.	GOVERNMENTAL AGENCY: (Print Name & Title) Mike Fahey, Mayor	SIGNATURE	DATE: 9/28/06

5.	PROJECT NAME: (Example: Beatrice Big Blue Trail; Neligh Mill Bridge Renovation) Keystone Trail- East Connector		
6.	PROJECT DESCRIPTION/LOCATION: (Include location, work to be performed, and attach map) <p>This first phase of the proposed Keystone Trail Connector project will begin at Karen Park, located at 63rd and Buckingham Streets in Omaha. An existing 10' wide pedestrian bridge over the Little Papio Creek links to the existing Keystone Trail to the west. Our proposed trail would run through Karen Park and work in a southeasterly direction, across a railroad bridge at 60th Street. The trail would then continue east along abandoned railroad right-of-way, for approximately 2.4 miles, ending at 45th & F Street. The trail would consist of 10' wide concrete pavement, installed to a depth of 6". Future phases of this trail system would continue east, eventually linking to the existing Field Club Trail at 34th & Vinton Street.</p> <p>DESCRIBE HOW YOUR PROJECT RELATES TO TRANSPORTATION: This project directly relates to transportation, as it would provide a sorely needed east to west connection from the busy Keystone Trail to various destinations within Omaha. The project would ultimately provide midtown and downtown residents to access the City's total trail system via the Keystone. A large portion of the Metropolitan area would be able to access the centrally located Keystone Trail via Big Papio and West Papio Trails, to go to their places of employment. Trail users would have an easy commute to the downtown area and to large employers in the city, such as Mutual of Omaha and the Nebraska Medical Center when all phases of this trail would be complete.</p>		
7.	PROJECT COST TOTAL: \$1,208,200.00	FEDERAL FUNDS REQUESTED: \$500,000.00	
8.	MATCHING FUNDS PROVIDED BY: \$-708,200.00	PERCENTAGE OF MATCH: (Minimum 20% of total) 49%	
9.	PROJECT TYPE: (Select One Category) <input type="checkbox"/> Trails <input type="checkbox"/> Historic Preservation <input type="checkbox"/> Scenic or Historic Byways		

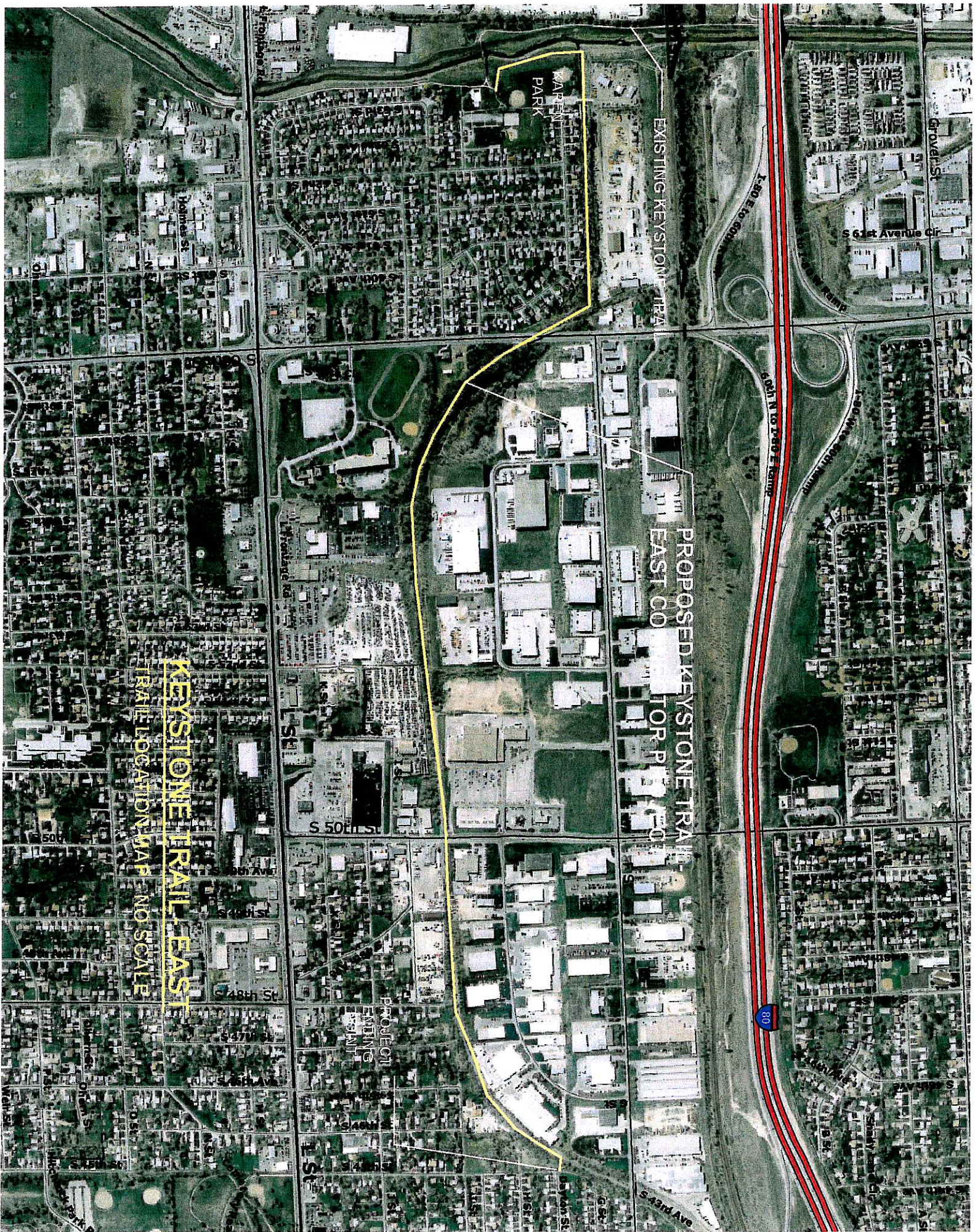
10.	<p>HAVE YOU RECEIVED TRANSPORTATION ENHANCEMENT FUNDS IN THE PAST? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>IF YES, PLEASE LIST ALL PROJECTS FUNDED AND TOTAL DOLLARS RECEIVED:</p> <table border="0"> <tr> <td>Riverfront Trail (various phases)-</td> <td>\$ 1,500,000</td> <td>Happy Hollow Trail-</td> <td>\$ 350,000</td> </tr> <tr> <td>Big Papio Trail (various phases)-</td> <td>\$ 475,000</td> <td></td> <td></td> </tr> <tr> <td>Keystone Trail (various phases)-</td> <td>\$ 1,540,000</td> <td></td> <td></td> </tr> </table>	Riverfront Trail (various phases)-	\$ 1,500,000	Happy Hollow Trail-	\$ 350,000	Big Papio Trail (various phases)-	\$ 475,000			Keystone Trail (various phases)-	\$ 1,540,000		
Riverfront Trail (various phases)-	\$ 1,500,000	Happy Hollow Trail-	\$ 350,000										
Big Papio Trail (various phases)-	\$ 475,000												
Keystone Trail (various phases)-	\$ 1,540,000												
11.	<p>IDENTIFY IF THIS PROJECT IS PART OF A PLANNING DOCUMENT:</p> <p>This proposed trail is listed in the Metropolitan Area Planning Agency Transportation Improvement Plan shown as Project # 265, Keystone Trail East (Phase #1). This is the main planning document for Omaha and the surrounding areas which are related to all transportation projects which are being constructed or planned for future construction. In addition, this project is also shown in the City of Omaha Metro Area Trails Plan and the Omaha Comprehensive Master Plan, under both the Park & Recreation Element as well as the Transportation Element.</p>												
12.	<p>PUBLIC BENEFITS OF THIS PROJECT:</p> <p>Public benefits would be numerous with the completion of the Keystone Trail- East project. When the three proposed phases of this project are constructed, trail users would have an excellent transportation route to the active downtown area and to many large employers in the City of Omaha. The Keystone Trail is the city's most centrally located trail, which currently runs from Fort Street (north end) in a southerly direction all the way to the Douglas and Sarpy County line and beyond. Other major trail systems which tie into the Keystone are the Big Papio, West Papio and the Happy Hollow Trail. These trails provide a large number of residents access to the Keystone from a variety of locations within the city, for extended trail rides and availability to a variety of destinations. Many trail users have inquired about having an east-west connector trail, to where they could easily reach places of their employment and to the many activities going on at Omaha's exciting Riverfront developments. Also, this connection would eventually link to the Field Club and Riverfront trails, along with the pedestrian bridge over the Missouri River to Iowa. In addition, other benefits included in the construction of this trail would be the number of different destinations which could be accessed by trail users along the Keystone. A large number of businesses, schools, parks and areas of interest would easily within reach for bicyclists and pedestrians.</p> <p>Other obvious benefits to the Public would be the health issues that are involved in the use of trails. It is proven that individuals who are active and exercise frequently for the most part have less health issues than individuals who are more sedentary in their lifestyles. By promoting the construction of this trail and others in the network of trails within the Omaha area, the City tries to provide quality facilities that are popular and accessible to all members of the community. The Keystone Trail- East project would be a wonderful example of a trail installation adjacent to and within an economically lacking area. We have focused our efforts in the past to give equal access to our trail system to all citizens, and this policy continues with this application.</p>												
13.	<p>THIS PROJECT IS SUPPORTED BY:</p> <p>This trail project has a variety of sponsors. Besides financially partnering with the Papio- Missouri River NRD and the Peter Kiewit Foundation, there are a number of individuals and businesses who support this project. Letters of support are attached and included in this grant application.</p>												

Attach the following required items:

- Budget
- Map (8½" x 11" only.) Maps of some communities may be obtained from the Department of Roads' Map Sales at (402) 479-4503.
- Resolution
- Environmental Impact Forms (DR Form 275)

Keystone Trail- East - Phase One				
Preliminary Master Plan - Opinion of Probable Construction Costs				
Dept. of Parks, Recreation and Public Property				
September 26, 2006				
CONSTRUCTION COSTS				
Item	Quantity	Unit	Unit Cost	Item Cost
Clearing, grubbing and concrete removals	1.00	LS	\$10,500.00	\$10,500
Imported Fill @ RR Embankment	2500	CY	\$15.00	\$37,500
Cut / Fill @ RR Embankment and Channel	10420	CY	\$10.00	\$104,200
Subgrade preparation	12800	SY	\$3.00	\$38,400
Concrete Trail (10' wide, 6" thick)	11520	LF	\$33.00	\$380,160
Segmental retaining walls	190	SF	\$20.00	\$3,800
RR Bridge Deck Concrete/ Reventment Mat	2400	SF	\$9.00	\$21,600
Relocate Private Electrical Services	1	LS	\$29,000.00	\$29,000
Remove & Replace 6' high chain link fence	1550	LF	\$17.00	\$26,350
Install 36" high chain link fence at bridge ends	800	LF	\$8.00	\$6,400
Guard Rails at bridge	180	LF	\$50.00	\$9,000
Wood Rub rail at bridge	400	LF	\$15.00	\$6,000
Construct 12" CMP Culvert	24	LF	\$25.00	\$600
Signs (MUTCD)	14	EA	\$200.00	\$2,800
Seeding	2.25	Acre	\$1,500.00	\$3,375
CONSTRUCTION COSTS SUBTOTAL				\$679,685
Mobilization	1	LS	8% subtotal	\$54,375
CONSTRUCTION COSTS TOTAL				\$734,060
LAND ACQUISITION COST (EASEMENT)	46500	SF	\$5.00	\$232,500
TOTAL COST- KEYSTONE TRAIL EAST				\$966,560
ENGINEERING COSTS				
Preliminary Engineering		10%		\$96,656
Construction Engineering/Contingency		14%		\$135,318
NDOR Project Representative Costs		1%		\$9,666
ENGINEERING COSTS TOTAL				\$241,640
SUBTOTAL PROJECT COSTS				\$1,208,200
TOTAL PROJECT COSTS				\$1,208,200

Keystone Trail- East - Phase One				
Preliminary Master Plan - Opinion of Probable Construction Costs				
Dept. of Parks, Recreation and Public Property				
September 26, 2006				
CONSTRUCTION COSTS				
Item	Quantity	Unit	Unit Cost	Item Cost
FUNDING SOURCES				
Applicant's Cash Match:				
City of Omaha				\$150,000.00
Papio- Missouri River NRD				\$150,000.00
Peter Kiewit Foundation (25% of Project)				\$302,050.00
Funds to be encumbered upon award of project				\$106,150.00
Federal Funding				\$500,000.00



KEYSTONE TRAIL EAST
TRAIL LOCATION MAP - NO SCALE

PROPOSED KEYSTONE TRAIL
EAST CO. FOR PROJECT

EXISTING KEYSTONE TRAIL

KARPEN
PARK

80

40th N to 50th E

I-80 E to 60th W

S 61st Avenue Cir

Grover St

S 50th St

S 48th St

S 43rd Ave

March 6, 2007

Mr. Gerry Bowen
Papio-Missouri River Natural Resource District
8901 South 154th Street
Omaha, Nebraska 68138 – 3621

MAR 16 2007

RE: *TRAILS ASSISTANCE PROGRAM*

Dear Gerry:

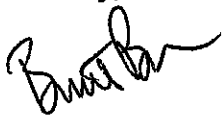
Enclosed is the 2007 application for the Trails Assistance Program from the City of South Sioux City. The A 9200 LF concrete trail will be constructed entirely within existing R.O.W. The new trail will be 10 feet wide. It will start at the existing Tri-State Trail and go north along Old Dakota Avenue to West 4th St. It will turn along west 4th St and go west to 7th Avenue. It will then turn south along 7th Avenue to West 9th St. It will turn west along W 9th St to 9th Avenue. It will then south along 9th Avenue to the future joint campus of Northeast Community College & Wayne State University where it will connect to existing trail.

The All-America Trail will connect the Tri-State Trail to an existing trail in the All-America Subdivision. It will connect 2 more city parks to the City's trail system. It will provide access to the future joint campus of Northeast Community College and Wayne State University. It will also provide access to a newly developed retail area.

The All-America Trail is truly essential to the growth of South Sioux City's trail system. It will provide alternative modes of transportation to access schools, city parks, homes and businesses, through alternative modes of transportation. This will help create a cleaner, safer, healthier, and more vibrant community for our residents and visitors.

If you should have any questions on this project, please contact me at 402-494-7540 or email at bbrown@southsiouxcity.org.

Sincerely,



Brent Brown
Director of Parks & Recreation

All-America Trail

PROJECT NAME:

All-America Trail

PROJECT SPONSOR:

City of South Sioux City
1615 First Ave
South Sioux City, NE 68776-2245

CONTACT PERSON:

Brent Brown
Director of Parks & Recreation

TELEPHONE:

402-494-7540

PROJECT LOCATION:

Vet's Memorial Bridge to the All-America Subdivision

PROJECT DESCRIPTION:

The City of South Sioux City vision is in 2020, South Sioux City is a vibrant community that provides a tremendous quality of life for all citizens defined by outstanding educational and employment opportunities. With our strong commitment to environmental stewardship, we are a recreational, cultural, economic, and technological hub of the Midwest. To meet that vision the South Sioux City Parks and Recreation Department is developing its trails system to be one of the best in the area and state.

A 9200 LF concrete trail will be constructed entirely within existing R.O.W. The new trail will be 10 feet wide. It will start at the existing Tri-State Trail and go north along Old Dakota Avenue to West 4th St. It will turn along west 4th St and go west to 7th Avenue. It will then turn south along 7th Avenue to West 9th St. It will turn west along W 9th St to 9th Avenue. It will then south along 9th Avenue to the future joint campus of Northeast Community College & Wayne State University where it will connect to existing trail. The All-America Trail will connect the Tri-State Trail to an existing trail in the All-America Subdivision. It will connect 2 more city parks to the City's trail system. It

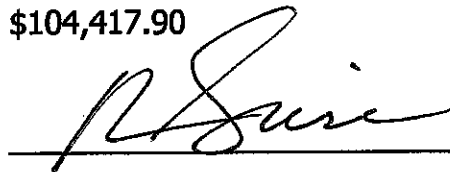
will provide access to the future joint campus of Northeast Community College and Wayne State University. It will also provide access to a newly developed retail area.

The All-America Trail is truly essential to the growth of South Sioux City's trail system. It will provide alternative modes of transportation to access schools, city parks, homes and businesses, through alternative modes of transportation. This will help create a cleaner, safer, healthier, and more vibrant community for our residents and visitors. The project has been approved by the Nebraska Department of Roads and they will fund 60% of the project through the Transportation Enhancement Funds. The city is asking to split the remaining \$208,835.80 with the Papio-Missouri NRD.

TOTAL ESTIMATED COST: ~~\$313,253.00~~ [#] 522,090 ^{GS}

COST SHARE REQUESTED: \$104,417.90

SIGNATURE / TITLE:



Robert Giese, Mayor of South Sioux City, NE

**** Attach additional sheets as necessary.**

Total Estimate

All-America Trail Estimate

27-Nov-06

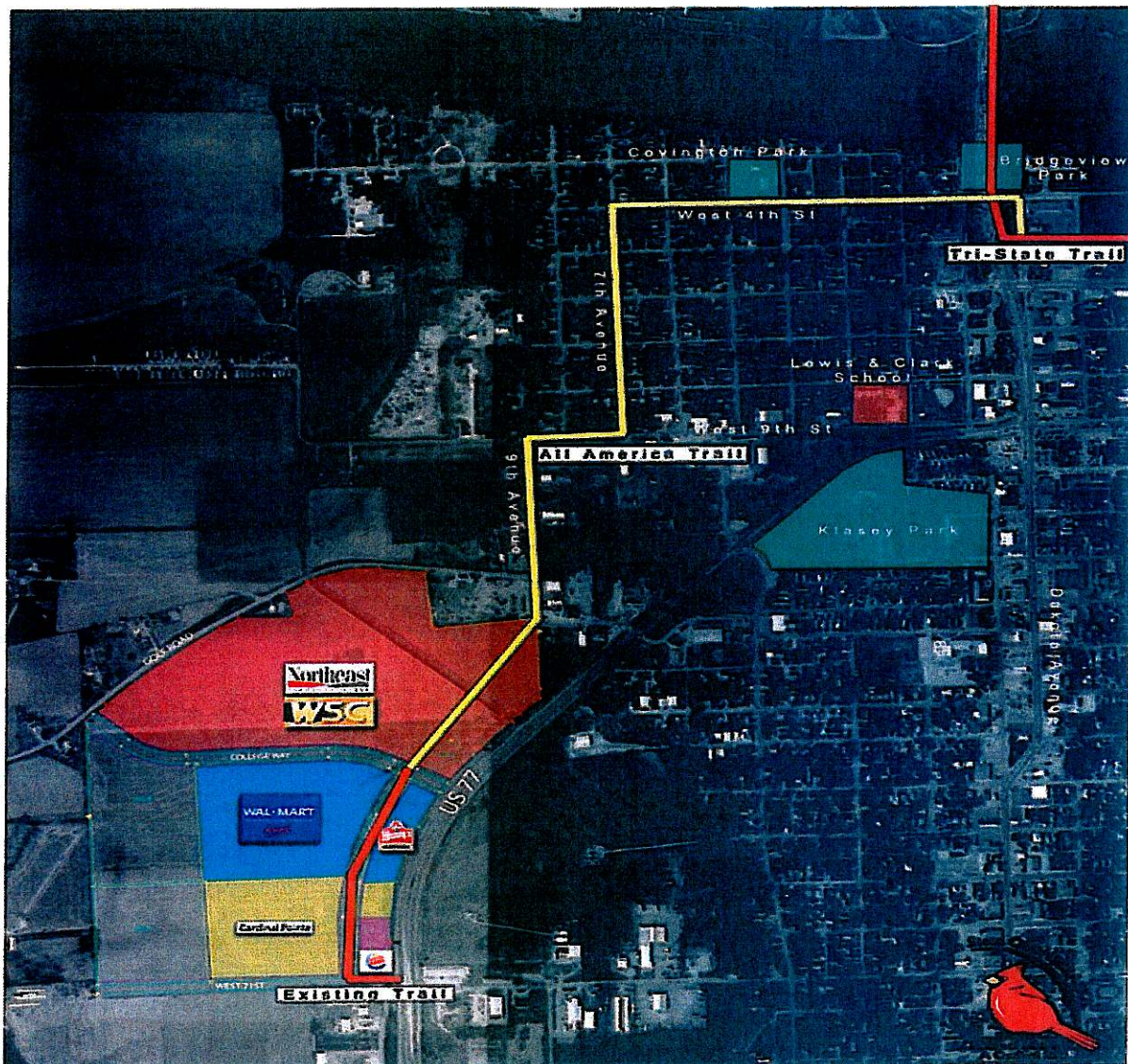
ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
Clearing & Grubbing	LS	1	\$ 10,000.00	\$ 10,000.00
Remove Sidewalk (4240 LF)	SY	1885	\$ 5.00	\$ 9,425.00
Place 6" Bike Trail (7400 LF)	SY	8,223	\$ 25.00	\$ 205,575.00
Remove Crosswalk Pavement	SY	370	\$ 5.00	\$ 1,850.00
Place 6" Red Stamped Crosswalks (10)	SY	370	\$ 65.00	\$ 24,050.00
Subgrade Prep	SY	9867	\$ 1.50	\$ 14,800.50
Earthwork (7400'X12'X0.5')(40'X6'X34')	CY	1947	\$ 6.00	\$ 11,682.00
Relocate Fire Hydrant	EA	5	\$ 1,500.00	\$ 7,500.00
Remove Tree	EA	7	\$ 450.00	\$ 3,150.00
Remove Stumps	EA	2	\$ 250.00	\$ 500.00
Relocate Trees	EA	5	\$ 450.00	\$ 2,250.00
Remove & Replace Inlets	EA	5	\$ 2,500.00	\$ 12,500.00
Construct Box Culvert	LF	40	\$ 350.00	\$ 14,000.00
Adjust Manhole to Grade	EA	3	\$ 250.00	\$ 750.00
Adjust Valve to Grade	EA	2	\$ 100.00	\$ 200.00
Adjust Fiber Optics Vault to Grade	EA	1	\$ 1,500.00	\$ 1,500.00
Remove & Replace Fence	LF	150	\$ 40.00	\$ 6,000.00
Silt Fence	LF	6100	\$ 10.00	\$ 61,000.00
Construction Costs				\$ 386,732.50
Mobilization (8% of Construction Costs)				\$ 30,939.00
SubTotal				\$ 417,671.50
Preliminary Engineering (10%)				\$ 41,767.00
Construction Engineering (14%)				\$ 58,474.00
NDOR Review Fees (1%)				\$ 4,177.00
Total Construction Cost				\$ 522,089.50
Federal Funds (60)%				\$ 313,253.70
Applicants Cash Match (40%)				\$ 208,835.80

Schedule:

After announcement of being funded.

- Notify media of grant from Papio-Missouri River Natural Resource District.
- August 2007 get Design and Specs ready. If given permission by the Nebraska Department of Roads.
- October 2007 get bids for project.
- October 2007 start/complete construction of project.

Site Map:



February 23, 2007

MAR 16 2007

Mr. Gerry Bowen
Papio-Missouri River Natural Resource District
8901 South 154th Street
Omaha, Nebraska 68138 – 3621

RE: *TRAILS ASSISTANCE PROGRAM*

Dear Gerry:

Enclosed is the 2007 application for the Trails Assistance Program from the City of South Sioux City. The 26th St Trail Repair & Replacement project is needed to repair and replace broken panels and rematch up the trail across 26th St. This section is part of the first portion of trail to be completed in South Sioux City over 15 years ago. In 2004 a contractor purchased a section of land that runs adjacent to G St for a housing development. With that project the city extended 26th St all the way though to G St. To get the lots to layout right the contractor moved the trail on the South side of 26th St about 20' to the West and the North side still sits where it was originally constructed. This results in a ninety degree turn to get across the street. So along with repairing sections of broken panels the city would like to reconnect the two sides of the street so they are straight across from each other.

If you should have any questions on this project, please contact me at 402-494-7540 or email at bbrown@southsiouxcity.org.

Sincerely,



Brent Brown
Director of Parks & Recreation

26th St Trail Repair & Replacement

PROJECT NAME:

E 26th St Repair & Replacement

PROJECT SPONSOR:

City of South Sioux City
1615 First Ave
South Sioux City, NE 68776-2245

CONTACT PERSON:

Brent Brown
Director of Parks & Recreation

TELEPHONE:

402-494-7540

PROJECT LOCATION:

Al Bengtson Trail between G St & 26th St

PROJECT DESCRIPTION:

The City of South Sioux City vision is in 2020, South Sioux City is a vibrant community that provides a tremendous quality of life for all citizens defined by outstanding educational and employment opportunities. With our strong commitment to environmental stewardship, we are a recreational, cultural, economic, and technological hub of the Midwest. To meet that vision the South Sioux City Parks and Recreation Department is developing its trails system to be one of the best in the area and state.


The East 26th St Trail project is needed to repair and replace broken panels and rematch up the trail across 26th St. This section is part of the first portion of trail to be completed in South Sioux City over 15 years ago. In 2004 a contractor purchased a section of land that runs adjacent to G St for a housing development. With that project the city extended 26th St all the way though to G St. To get the lots to layout right the contractor moved the trail on the South side of 26th St about 20' to the West and the North side still sits where it was originally constructed. This results in a ninety degree turn to get across the street. So along with repairing sections of broken panels the city would like to reconnect the two sides of the street so they

are straight across from each other. The project has been approved by the Nebraska Game & Parks Commission and they will fund 50% of the project through the Trails Development Grant. The city is asking to split the remaining \$16,184.85 with the Papio-Missouri NRD.

TOTAL ESTIMATED COST: \$32,369.70

COST SHARE REQUESTED: \$8,092.42

SIGNATURE / TITLE:

A handwritten signature in black ink, appearing to read 'R. Giese', is written over a solid horizontal line.

Robert Giese, Mayor of South Sioux City, NE

**** Attach additional sheets as necessary.**

Total Estimate

East 26th Street
Trail

Construction Cost Estimate

South Sioux City, Nebraska

30-Aug-06

Item No.	Description	Quantity	Units	Unit Price	Total Cost
EAST 26th STREET TRAIL					
1	Traffic Control	1.00	LS	500.00	500.00
2	Construct 6" PCC Trail (670' X 10')	745.00	SY	23.00	17,135.00
3	Subgrade Prep (670' X 13' X 0.5')	162.00	CY	5.00	810.00
4	Remove PC Concrete	745.00	SY	4.50	3,352.50
5	Remove Trees	1.00	EA	400.00	400.00
6	Relocate Trees	3.00	EA	400.00	1,200.00
7	Seeding	0.15	AC	1,500.00	225.00
8	Gravel Driveway (235' X 22' X 0.5')	30.00	Ton	30.00	900.00
SUBTOTAL					24,522.50
Mobilization (8%)					1,961.80
Design Engineering (10%)					2,452.25
Construction Engineering (14%)					3,433.15
CONSTRUCTION SUBTOTAL					32,369.70
Construction Costs Total =					32,369.70
Trails Development Assistance Funding (50%)					\$16,184.85
Applicants Cash Match (50%)					\$16,184.85

March 14, 2007

Mr. Gerry Bowen
Natural Resources Planner
Papio-Missouri River
Natural Resource District
8901 South 154th Street
Omaha NE 68138-3621

MAR 19 2007

Dear Mr. Bowen:

RE: Macy, Nebraska – Eastside Drainage

Enclosed for your consideration is our Special Project Request Application (Form 17.17) and the supporting documents for the requested funding. This application addresses existing problems within the unincorporated community of Macy, Nebraska as follows:

- 1) Ditch Grading: A portion of East Macy lacks drainage of any type. Ditches to convey the drainage often do not exist; culverts under driveways either don't exist or do not function. When some form of drainage does exist it does not have an outlet. This project will develop a drainage system with outlet to Blackbird Creek.
- 2) Extend Existing Culvert: Two inlets discharge onto the bank of an existing drainage ditch causing severe erosion.

This application includes the following:

- Attachment One – Location Map
- Attachment Two – Drop Structure/Spillway Schematic Drawing
- Attachment Three through Seven – Photos of Existing Drainage
- Attachment Eight – Photo of Erosion at Existing Culvert
- Exhibit Eleven- Previous Project Scope

DITCH GRADING:

Problem: This project addresses the remaining portion of East Macy without a defined drainage system. In most of the project area, drainage ditches either don't exist or do not have slope or an outlet. Driveways were constructed without culverts or culverts do not fit a grade so the culverts act to reduce the drainage capacity. The lack of drainage creates potential property damage and difficult living conditions.

Solution: This project will complete the Eastside Drainage in Macy, Nebraska by developing a ditch drainage system in the remaining portion of East Macy. Roadside ditches will be constructed; culverts will be installed under driveways and an outlet

channel will be constructed in the Missouri Street right of way to Blackbird Creek. At Blackbird Creek, a drop structure or spillway will be constructed to minimize the potential erosion. A second drop structure will also be constructed at the point of discharge from a previously graded ditch structure in the Pearl Street alignment.

Extend Existing Culvert

Problem: Two existing street culverts discharge onto the surface of the high bank drainage way. The discharge is causing erosion of the earthen walls.

Solution: The project will extend the existing 24' CMP to the bottom of the drainage basin and provide rop rap protection of the point of discharge.

Implementation Schedule

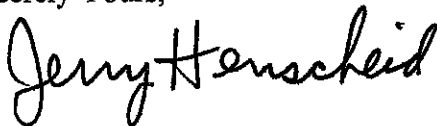
Begin Design	July 1, 2007
Begin Construction	August 15, 2007
Complete Construction	December 1, 2007

Environmental Acceptability

The project will be working in previously disturbed right-of-way. Ditch extensions and drop flumes into Blackbird Creek basin will be reviewed with the Omaha Tribe Environmental Officer. If a 404 permit is required it will be received before proceeding with the work.

If I can provide any additional information on these projects, please feel free to contact my office at 402-837-5728.

Sincerely Yours,



Jerry Henscheid
Public Works Director

C:Macy\bowen3@papio

URBAN DRAINAGEWAY PROGRAM

SPECIAL PROJECT REQUEST APPLICATION

1. DATE: March 14, 2007

2. PROJECT NAME South Macy Drainage

3. PROJECT SPONSOR: Omaha Tribe of Nebraska

ADDRESS: PO Box 368

Macy, Nebraska 68039-0368

4. CONTACT PERSON: Jerry Henscheid

TITLE: Public Works Director

5. TELEPHONE: 402-837-5728

6. PROJECT LOCATION:

South Macy, Nebraska - See Attachment No One

7. DESCRIPTION OF PROBLEM:

A remaining portion of East Macy lacks Drainage. Ditches do not exist or do not convey drainage. Culverts either do not exist or don't convey the drainage. An existing pair of inlets discharge down a slope causing severe erosion.

8. PROPOSED SOLUTION:

Develop a drainage ditch system in the remaining portion of Macy. Construct roadside ditches, with an outlet ditch to Blackbird Creek. Construct a drop flume from the new drainage system and from the drainage system constructed last year into Blackbird Creek.

Eliminate erosion at the pair of inlets by extending the 24" CMP to the bottom of the channel.

9. TOTAL ESTIMATED COST: \$ 165,250.50

10. COST SHARE REQUESTED: \$ 99,150.30

11. SIGNATURE/TITLE: _____

CAMP T. CURTIS
HEALTH CENTER

ALCOHOL
CENTER

DETENTION
FACILITY

SITE OF
OLD WELL &
PUMPHOUSE

OLD WATER
TREATMENT
PLANT SITE

TRIBAL
CULTURAL
CENTER

TRIBAL
OFFICES

SCHOOL

24" CMP
EXTENSION

24" RCP 18" RCP

30" RCP

30" RCP

42" RCP

18" RCP

48" RCP

CDBG PROJECT

CLEANING
DITCH

DITCH CLEANING

DITCH
GRADING

NEW OUTLET

NORTH

BLADDER
CREEK

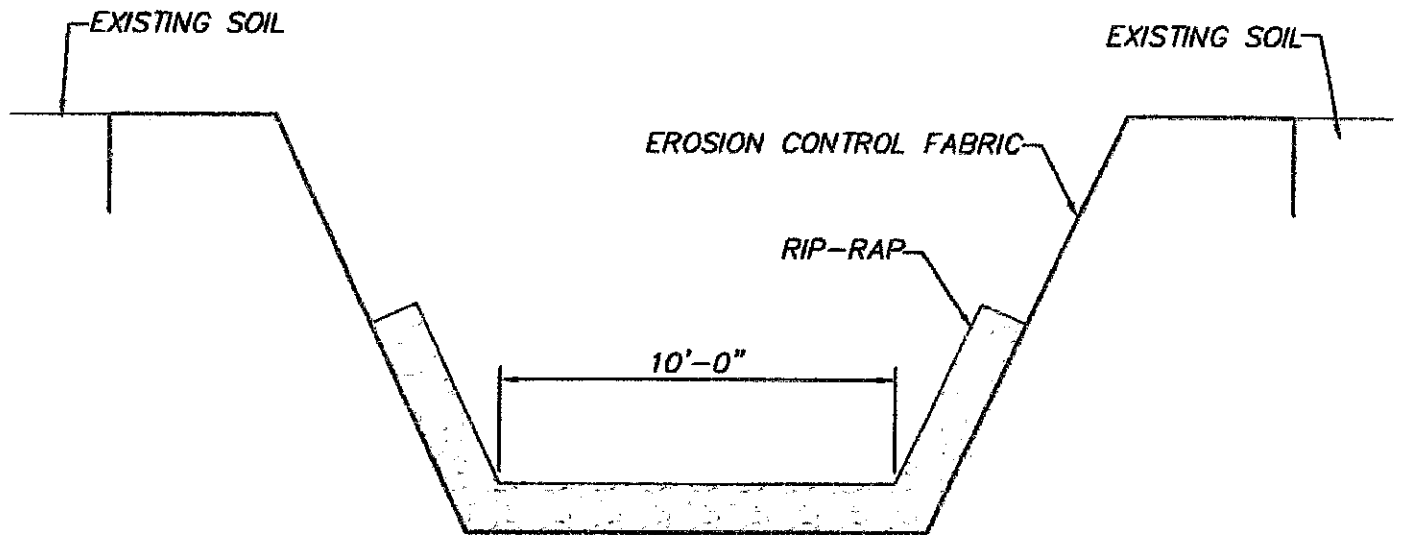
EXTG. DITCH CONSTRUCTED
WITH PAPIO-MISSOURI NRD
FUNDS

MAR 19 2007

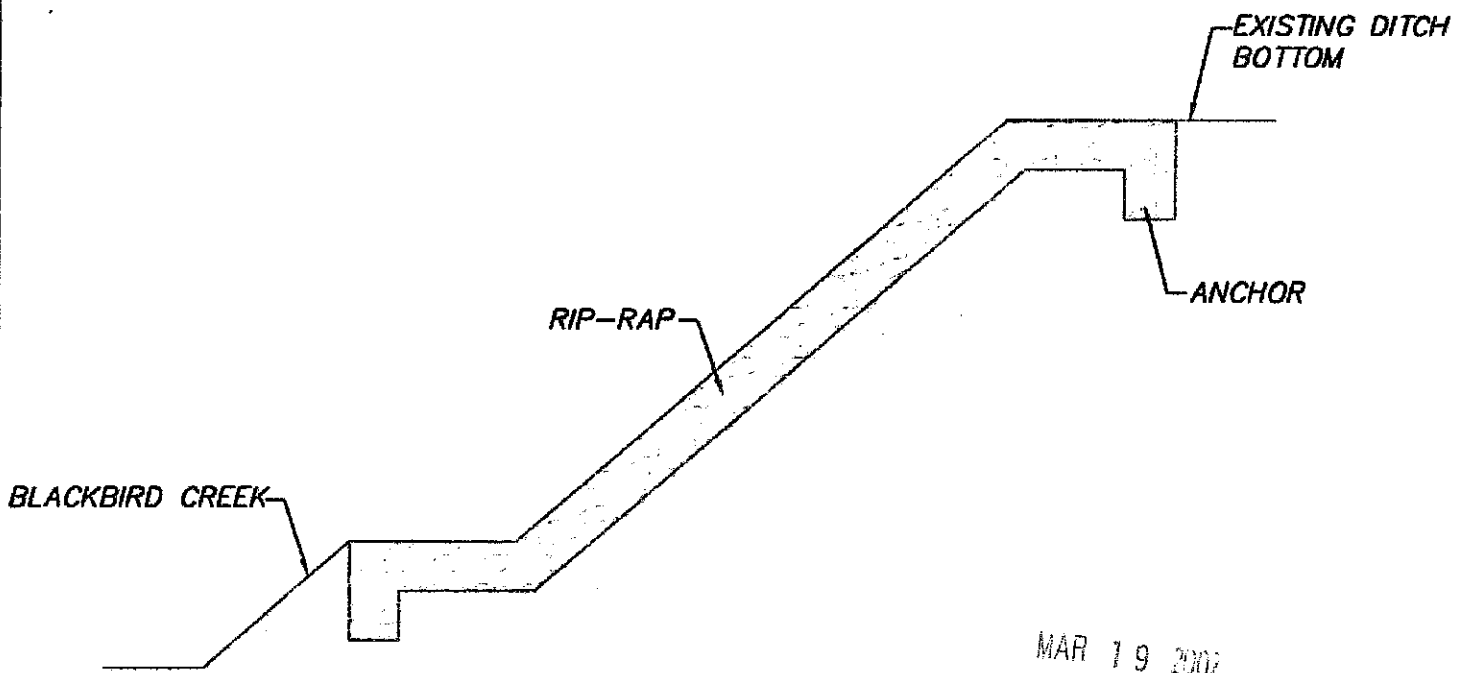
Attachment One - Location Map

BW
MA

BUELL WINTER MOUSEL AND ASSOCIATES
CONSULTING ENGINEERS



Section
NOT TO SCALE



Profile
NOT TO SCALE

Attachment Two - Spillway Structure

Opinion of Estimated Costs
Eastside Drainage Improvements
Phase Four Ditch Grading and Culvert Construction

14-Mar-07

**Part A - Ditch Grading Along Missouri Street From
Macy Street To Elk Street**

<u>Description</u>	<u>Quantity</u> <u>Units</u>	<u>Unit Price</u>	<u>Total</u>
Ditch Grading (1100 cf)	1100 cu.yds	\$3.50	\$3,850.00
Remove/Replace Culvert	255 lf	\$43.00	\$10,965.00
Area Drain	1 ea	\$1,500.00	\$1,500.00
Seeding	0.62 ea	\$3,000.00	\$1,860.00
Mulch	0.62 ton	\$200.00	\$124.00
Clean Existing Culvert	166 lf	\$3.00	\$498.00
Remove 48 inch Tree	1 ea	\$1,500.00	\$1,500.00
Gravel Repair	100 tons	\$20.00	\$2,000.00
Incidentals	1 Ls	1930	<u>\$1,930.00</u>
Subtotals			\$24,227.00

**Part B-Ditch Grading in Elk Street Road
From Elk Street to Blackbird Creek**

<u>Description</u>	<u>Quantity</u> <u>Units</u>	<u>Unit Price</u>	<u>Total</u>
Ditch Grading (660 lf)	1000 cu yds	\$3.50	\$3,500.00
Drop Stru Blackbird Creek	1 ea	\$41,676.50	\$41,676.50
Clearing (550 x 50)	0.63 ac	\$8,000.00	\$5,040.00
Remove/Replace 18" Culver	30 lf	\$43.00	\$1,290.00
Remove/Replace Paving	32 sq yds	\$36.00	\$1,152.00
Seeding	0.67 ac	\$1,500.00	\$1,005.00
Mulch	0.67 ton	\$200.00	\$134.00
Incidentals	1 Ls	514	<u>\$514.00</u>
Subtotals			\$54,311.50

**Part C-Ditch Grading Along Elk Street From
Main Street to Pearl Street**

<u>Description</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Total</u>
Ditch Grading (972 cf)	972	cu yds	\$3.50	\$3,402.00
Remove 30 foot tree	1	ea	\$1,300.00	\$1,300.00
Remove/Replace Culvert	60	lf	\$43.00	\$2,580.00
Gravel Repair	100	ton	\$20.00	\$2,000.00
Seeding	0.7	ac	\$1,500.00	\$1,050.00
Mulch	0.7	ton	\$200.00	\$140.00
Incidentals	1	Ls	1050	<u>\$1,050.00</u>
Subtotals				\$11,522.00

Part D-Drop Structure Pearl Street

<u>Description</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Total</u>
Excavation	1334	cu yds	\$5.00	\$6,670.00
Rip Rap	833	ton	\$30.00	\$24,990.00
Erosion Control Fabric	850	sq yds	\$5.00	\$4,250.00
Seeding	0.34	ac	\$1,500.00	\$510.00
Silt Fence	300	lf	\$3.00	\$900.00
Incidentals	1	Ls	\$ 3,790.00	<u>\$3,790.00</u>
Subtotals				\$41,110.00

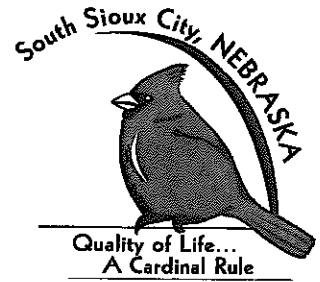
Part E- Extend CMP @ Park Street and Yellow Smoke Road

<u>Description</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Total</u>
24" CMP	90	lf	\$50.00	\$4,500.00
Rip Rap	12	ton	\$30.00	\$360.00
Seeding	0.1	ac	\$1,500.00	\$150.00
Mulch	0.1	ac	\$200.00	\$20.00
Incidentals	1	Ls	\$ 550.00	<u>\$550.00</u>
Subtotals				\$5,580.00

Opinion of Estimate Construction Costs	\$136,750.50
Engineering	\$16,000.00
Testing	\$3,000.00
Construction Services	\$6,500.00
Stacking/Survey	<u>\$3,000.00</u>
Opinion of Estimated Project Costs	\$165,250.50
c:eastsidephase3est	

March 14, 2007

Mr. Gerry Bowen
Papio-Missouri River Natural Resource District
8901 South 154th Street
Omaha, Nebraska 68138 – 3621



RE: *URBAN CONSERVATION ASSISTANCE PROGRAM*

Dear Gerry:

Enclosed is the 2007 application for the Urban Conservation Assistance Program from the City of South Sioux City. Approximately The 5,240 SF of rain gardens will be constructed entirely within property the City currently owns. These rain gardens will be constructed in areas that do not currently have storm sewer access. They will be an excellent alternative to the installation of new storm sewer pipes.

If you should have any questions on this project, please contact me at 402-494-7676 or email at ckehrt@southsiouxcity.org.

Sincerely,

Chad Kehrt
City Engineer

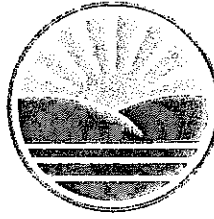
MAR 19 2007



City of South Sioux City, Nebraska
1615 First Avenue, South Sioux City, Nebraska 68776-2245
Phone: 402-494-7500 Fax: 402-494-7527 TTD: 402-494-7500 ext 339
www.southsiouxcity.org



PAPIO-MISSOURI RIVER
NATURAL
RESOURCES
DISTRICT



8901 S 154TH ST
OMAHA NE 68138-3671
(402) 114-6277
FAX (402) 895-6543
www.papionrd.org

URBAN CONSERVATION ASSISTANCE PROGRAM

SPECIAL PROJECT REQUEST APPLICATION

1. Date: March 12, 2007
2. Project Name: South Sioux City Rain Gardens
3. Project Sponsor: City of South Sioux City
Address: 1615 1st Avenue
City/State/Zip: South Sioux City, NE 68776
4. Contact Person: Chad Kehrt
Title: City Engineer
5. Telephone: 402-494-7676
6. Project Location: 3309 Daniels Lane, Commerce Way, and Alley
between 15th & 16th Street West of 5th Avenue
7. Description of Problem: * Localized flooding due to stormwater
run off and lack of storm sewer pipes
8. Proposed Solution: * Construction of rain gardens to filtrate rain
water instedd of installing storm sewer pipes. It will also beautify the
area.
9. Total Estimated Cost: \$ \$52,400⁰⁰
10. Cost Share Request: \$ \$25,000⁰⁰
11. Signature/Title: [Signature] City Administrator

• Attach additional sheets as necessary.



MAR 5 9 1977

Lance Hedquist Technology Building Rain Garden

4/3/2006

CONSTRUCTION COSTS

Clearing, Grubbing, & Grading
Plants & Mulching

25.00 CY
1,000.00 SF

5.00
8.00

125.00
8,000.00
8,125.00

CONSTRUCTION COSTS

Alley between W. 15th & W. 16th Street Rain Garden

CONSTRUCTION COSTS

Clearing, Grubbing, & Grading
Plants & Mulching

16.00 CY
640.00 SF

5.00
8.00

80.00
5,120.00
5,200.00

CONSTRUCTION COSTS

Commerce Way Rain Gardens

CONSTRUCTION COSTS

Clearing, Grubbing, & Grading
Plants & Mulching

89.00 CY
3,600.00 SF

5.00
8.00

445.00
28,800.00
29,245.00

CONSTRUCTION COSTS

TOTAL PROJECT COSTS

\$42,570.00

**COST SHARE REQUEST
CITY'S COST**

**\$25,000.00
\$17,570.00**