



BOARD MEETING

March 11, 2015 - 5:30 p.m.

Polk County Administration Bldg.
111 Court Avenue, Room 120
Des Moines, IA 50309

AGENDA

- 1) **Opening Items**
 - a) Roll Call
 - b) Action on the Minutes of the Previous Meeting(s)
- 2) **Public Comments**
- 3) **Employee Introduction**
- 4) **Consent Agenda Items**

Note: These are routine items and will be enacted by one roll call vote without separate discussion unless a Board Member, PCCB employee or member of the public requests an item be removed to be considered separately. Please notify a PCCB Member to have an item removed.

- a) **Action on Bill List:** approve the PCCB February 2015 bill list.
 - b) **Public Hearing: Transfer of Property to City of Ankeny:** direct staff to advertise for a public hearing to be held at the April PCCB Board meeting on the transfer of trail right-of-way property to the City of Ankeny located from Hwy. 69 through Oralabor Road to the south end of the Ankeny Corporate limits.
 - c) **Jester Park Golf Course Restrooms:** approves reimbursement from Green Golf Partners in the amount of \$15,453.28 rather than the \$31,500.38 as originally approved in June 2014 towards the cost of the two Gunnison unisex vault toilets on the Jester Park Golf Course.
 - d) **Purchase: Vehicle:** approve the purchase of a 2016 Ford Fusion Hybrid car from Charles Gabus Ford for a price not to exceed \$25,368.64. Payment made from Reserve Funds.
 - e) **Easter Lake Park, Grant - Covered Bridge Sediment Basin:** restate their support for the Easter Lake Sediment Basin project and confirm the \$152,000 PCWLL matching monies is pledged toward this project and, if necessary, toward subsequent grant applications, regardless of the grantor.
 - f) **Position Modifications:** approves the position modifications of converting the four part-time positions identified above to full-time in order to better meet operational demands, effective July 1, 2015, and directs the Accountant to take the necessary steps to implement this action.
 - g) **Ackelson Trail, Phase 3 - Culvert Purchase:**
- 5) **Environmental Education Annual Report**
 - 6) **Jester Park Conservation Center / Easter Lake Lodge Discussion**
 - 7) **Bond Projects Update**
 - 8) **Naming Practices**
 - 9) **Great Western Trail Extension to Bill Riley Trail**
 - 10) **Land Acquisition**
 - 11) **Employees, Recent Hires**
 - 12) **Closed Session, Land Acquisition**



BOARD MEETING

FINANCIAL REPORTS
DIRECTOR'S REMARKS
BOARD CHAIR AND MEMBERS' REMARKS
ADJOURNMENT

The information identified on this agenda may be obtained in accessible formats by qualified persons with a disability. To receive information or to request an accommodation to participate in a meeting, hearing, service, program or activity conducted by this office, contact the Polk County Conservation Board Office, 11407 NW Jester Park Drive, Granger, 515-323-5300.

1) Opening Items

a) Roll Call

b) Action on the Minutes of the Previous Meeting(s)

The Polk County Conservation Board met in regular session on February 11, 2015. Minutes for the meeting are attached.

2) Public Comments

3) Employee Introduction

4) Consent Agenda Items

a) Action on the Bill List

February 2015 expenditures have been e-mailed to the Board for review.

STAFF RECOMMENDATION: That the Board approve the PCCB February 2015 bill list.

b) Public Hearing: Transfer of Property to City of Ankeny

The acquisition of the Ankeny Industrial Lead formerly owned by the Union Pacific has been more complicated than the standard acquisition of property. The raising of the funding to acquire the land and the numerous partners involved has been, at times, confusing.

The property stretches from the Ankeny AMP site near the center of the City in a southeasterly route across Ankeny Blvd., Oralabor Road, past Carney Marsh and to the south side of I-80. The property is to be an extension of the High Trestle Trail. Former Director Parker had committed to the City of Ankeny that all of the ROW within the City would be transferred to City ownership. PCC had transferred the section between the AMP site and Hwy 69 (Ankeny Blvd.) late last year shortly following the purchase from the Iowa Natural Heritage Foundation. However, the length promised by us includes the portion from Hwy 69 through Oralabor Road to the south end of the Ankeny Corporate limits.

To fulfill our obligations to the City of Ankeny, we need to transfer the ownership of the above real estate to the City of Ankeny and to do so we will need to advertise, hold a public hearing and then request that the Supervisors do the same in order to accomplish the transfer the property to Ankeny.

- Loren Lown, Parks & Nat. Areas Plng Adm.

STAFF RECOMMENDATION: That the Board direct staff to advertise for a public hearing to be held at the April PCCB Board meeting on the transfer of trail right-of-way property to the City of Ankeny located from Hwy. 69 through Oralabor Road to the south end of the Ankeny Corporate limits.

c) Jester Park Golf Course Restrooms

At the June 2014 meeting the Board approved the replacement of the restrooms on the Jester Park Golf Course with two Gunnison unisex vault toilets (CXTs) at a cost of \$72,378.08.

At that time it was presented by former Director Dennis Parker that Green Golf Partners (GGP) would reimburse PCCB \$31,500.38 toward the cost of the two Gunnison unisex vault toilets. Director Richard Leopold has had discussions with Tom Rodems, COO Green Golf Partners, and Tom's understanding was that they would pay for only \$15,453.28, which would finish out GGP's contract obligation for capital improvements of \$800,000.

Director Richard Leopold agreed with this logic. The Board is being asked to modify its previous action on this item to say that Green Golf Partners would reimburse the PCCB \$15,453.28 toward the cost of the two Gunnison unisex vault toilets for the Jester Park Golf Course rather than the \$31,500.38 originally approved.

STAFF RECOMMENDATION: That the Board approves reimbursement from Green Golf Partners in the amount of \$15,453.28 rather than the \$31,500.38 as originally approved in June 2014 towards the cost of the two Gunnison unisex vault toilets on the Jester Park Golf Course.

d) Purchase: Vehicle

The topic of hybrid and electric vehicles was a part of the FY 2014-15 Vehicle and Equipment Replacement Schedule discussion. It has been a standing policy that 5%-10% of our vehicle fleet be in the form of a hybrid or electric vehicle. Currently we are at 3.83% which is two vehicles. We would like this number to be higher to stay within our policies and to maintain a conservation image at the same time.

Staff researched the purchase of these vehicles from the current State of Iowa contracts with the Department of Administrative Services, Department of Transportation and Iowa Regents. The following vehicle was found on the DAS contract and meets our specifications.

- | | |
|------------------------------------|-------------|
| 1. (1) 2015 Ford Fusion Hybrid car | \$24,868.64 |
| vendor (Charles Gabus Ford) | |

Contingency for vehicle adds or changes:	<u>\$ 500.00</u>
	\$25,368.64

The order for this vehicle will be placed upon Board approval. Ordering the vehicle at this time will allow us to get a 2016 model for a 2015 cost. Monies will be taken out of the Enterprise Fund from the FY 2014-15 budget.

- George Lentz, Eqpt. Maint. Supt.

STAFF RECOMMENDATION: That the Board approve the purchase of a 2016 Ford Fusion Hybrid car from Charles Gabus Ford for a price not to exceed \$25,368.64 with monies coming from Enterprise Funds.

e) Easter Lake Park, Grant - Covered Bridge Sediment Basin

The Board is familiar with this project. We entered a proposal to receive grant support for this project under the Water Quality Initiative offered by IDALS. The grant did not advance under the restrictive requirements of that program. Copy of proposal attached.

The project was well designed and essential for the future health of Easter Lake. The Polk Soil and Water Conservation District felt it was of importance and asked to include it in the summer 2015 funding request for Watershed Protection Funds (WSPF). The Easter Lake

Coordinator indicates that if this request is not funded or only partially funded they will continue to seek funding under subsequent WSPF funding and 319 funding.

We are returning for confirmation from the Board, that should we be awarded funding of \$100,000 toward the construction of the basin, that PCCB will provide the matching funding of \$152,000 as stated in the original grant request.

- Loren Lown, Parks & Nat. Areas Plng Adm.

STAFF RECOMMENDATION: That the Board restate their support for the Easter Lake Sediment Basin project and confirm the \$152,000 PCWLL matching monies is pledged toward this project and, if necessary, toward subsequent grant applications, regardless of the grantor.

f) Position Modifications

The PCCB has been working with Polk County to convert four (4) part-time positions (32 or more hours per week) to full-time in order to better meet operational demands. Staff has been working with Polk County Human Resources (HR) who confirmed this action doesn't need to be approved by resolution of the Board of Supervisors as no additional budget dollars are being requested. Following are the four (4) part-time positions to be modified.

- Convert one (1) part-time (1,736 hours) Accounting Clerk position, excluded grade 11, range \$39,550-\$51,786 to full-time.
- Convert one (1) part-time (2,028 hours) Mechanic position, excluded grade 17, range \$52,164-\$68,542 to full-time.
- Convert one (1) part-time (1,664 hours) Natural Resource Worker position, excluded grade 11, range \$39,550-\$51,786 to full-time.
- Convert one (1) part-time (500 hours) Riding Instructor position, excluded grade 6, range \$31,521-\$41,131 to full-time.

These modifications would become effective July 1, 2015. The additional dollars needed, approximately \$30,000, will be reallocated from other areas of the existing FY15/16 budget as identified by discussion with the unit managers.

STAFF RECOMMENDATION: That the Board approves the position modifications of converting the four part-time positions identified above to full-time in order to better meet operational demands, effective July 1, 2015, and directs the Accountant to take the necessary steps to implement this action.

g) Ackelson Trail, Phase 3 - Culvert Purchase

Staff has been working with the Wastewater Reclamation Authority (WRA) to allow installation of a new truck sewer line on the eastern "shore" of Easter Lake within park boundaries.

Our agreement with the WRA includes provisions that require them to create a roughly graded trail bed that will reduce the work required to build phase 3 when it the actual trail is built in 2017.

The length of future trail between Easter Lake Drive and Payton Avenue is low and wet with several small feeder streams entering the lake at that point. One of these streams is larger than the others, and the former landowner had installed two 24" culverts across the stream to

allow access. The WRA is installing their sewer beneath that crossing and within the terms of our agreement will replace the two culverts with two new 24" pipes.

Staff wants to replace those pipes with one large 48" culvert to match the upstream pipe sizing and avoid the sedimentation and overtopping problems that are apparent with the old construction.

The WRA is willing to replace the pipe with like size and length pipe but if we request additional capacity and length they would like PCC to assume the additional cost of doing so.

The contractor for the WRA has quoted a change order of \$11,237.56 to go with the larger piping. The WRA has requested that if we desire the change, it is their preference that we pay the amount directly to the contractor.

- Loren Lown, Parks & Nat. Areas Plng Adm.

STAFF RECOMMENDATION: That the Board approves the new culvert to be a 48" diameter pipe in lieu of the two 24" pipes that currently exists; and approves paying the difference in cost of \$11,237.56 out of PCWLL monies.

5) Environmental Education Annual Report

The Environmental Education Staff has produced their second annual report. Staff will be present to do a short presentation, discuss the report in more detail and answer questions. Report attached.

Information only.

6) Jester Park Conservation Center / Easter Lake Lodge Discussion

Discussion will occur on the Jester Park Conservation Center and the Easter Lake Lodge. Attached is a Memo prepared by Director Leopold regarding this discussion.

7) Bond Projects Update

It is time to reflect on what we have accomplished thus far and look forward to where we are going. We now have an understanding of capacity within each of the categories of PCWLL spending, how much we have spent thus far, current projects underway, and remaining capacity. Staff have been working with Shive Hattery in capturing this story in a way we can engage the PCCB in active discussion of future spending.

8) Naming Practices

With the acquisition of additional properties, we need to have a general discussion of naming practices within PCCB. This discussion includes park names, water bodies, trails, campgrounds, buildings, etc.

9) Great Western Trail Extension to Bill Riley Trail

The Board granted permission to staff to contract with Snyder and Associates for a feasibility study that would define the work required and the cost of extending the Great Western Trail

(GWT) from the current trailhead south of George Flagg Parkway, near the Izaak Walton League, eastward to 30th Street.

That study is completed and a copy is attached. Snyder and Associates have presented an opinion of probable cost and detailed the process recommended to extend the trail. There are three options presented for consideration. These options vary in scope and cost. I will describe them from lowest cost to highest.

- 1) An 8' wide granular trail with concrete paving only where the new granular trail connects to the existing Bill Riley Trail at 30th St. \$180,000.00
- 2) An 8' wide granular trail with 340' of 10' wide concrete paving on the steep eastern end where the slope rises to meet the existing trail. \$193,000.00
- 3) a 10' wide concrete trail the entire length. \$367,400.00

All discussions with the City of Des Moines, who own a portion of the old rail bed, and Water Works Park, who owns the property on both sides of the proposed trail, have been based on the trail as a "temporary" granular trail that can be relocated if and when the Veteran's Parkway is extended into the central city. Option #2 meets these expectations; and the paving at the eastern end will prevent erosion problems from developing and meets all ADA requirements.

Staff has asked Snyder to prepare a contract proposal that will include the development of plans and specifications, bidding documents, and costs of inspection/staking/construction management necessary to bid and construct the GWT Extension this spring/summer. That agreement falls within common rates for this type of work. The total cost for all services is \$31,400 and is attached.

The preliminary site investigation has been done and the project could be ready to bid and constructed this season. Staff requests permission to publish notice of a public hearing at the April Board meeting and to return to the May meeting with bid results and recommendation for award to construct the Great Western Trail Extension.

- Loren Lown, Parks & Nat. Areas Plng Adm.

STAFF RECOMMENDATION: That the Board approves Option #2 (an 8' wide granular trail with 340' of 10' wide concrete paving on the steep eastern end where the slope rises to meet the existing trail) for extending the Great Western Trail at a cost not to exceed \$193,000; authorizes the Chair to enter into a contract with Snyder and Associates for design, bidding, and construction services for the Great Western Trail extension at a cost not to exceed \$31,400; and further directs staff to advertise for a public hearing to be held at the Board's April 2015 meeting on the plans and specifications, cost estimate, etc. for this project with potential award of contract at the Board's May 2015 meeting.

10) Land Acquisition

At The February Board meeting the Board instructed staff to make an offer to the Priest family of appraised value of \$315,000 to acquire the property at 4290 SE 76th Street, Runnells, IA, consisting of a home and outbuildings on approximately 18.8 acres of land. Map attached.

The offer was tendered and accepted. Staff returns to the Board with an offer to buy signed by the landowner.

Upon signature by the Chair staff will deliver a signed copy of the agreement to the landowner with a check of \$5,000 as earnest money and begin the process of closing and acquiring the property.

- Loren Lown, Parks & Nat. Areas Plng Adm.

STAFF RECOMMENDATION: That the Board authorize the Chair to sign the Offer to Buy and directs staff to proceed with acquisition of the property at 4290 SE 76th Street, Runnells, Iowa, in the amount of \$315,000 which will be paid for with PCWLL funds.

11) Employees, Recent Hires

The following individual(s) have been hired for employment with PCCB:

Start Date	Employee	Position	Rate of Pay
2/17/15	Melody Cline	Clerk, Eq. Ctr.	\$10.08/Hr
2/21/15	Theresa Brauer	Clerk, Eq. Ctr.	\$10.08/Hr
3/2/15	Travis Maak	Natural Resources Tech.	Grade 14, Entry Step

Information only.

12) Closed Session, Land Acquisition

FINANCIAL REPORTS

DIRECTOR'S REMARKS

BOARD CHAIR AND MEMBERS' REMARKS

ADJOURNMENT

PROCEEDINGS OF THE POLK COUNTY CONSERVATION BOARD

The Polk County Conservation Board met in regular session on Wednesday, February 11, 2015. The meeting was called to order at 5:33 p.m.

#1a – Roll Call

Members Present: Johnson, Smith, Cataldo, Northway, Levis

#1b – Action on the Minutes of the Previous Meeting(s)

MOTION: Moved by Levis to approve the January 14, 2015 meeting minutes as written.

VOTE YEA: Levis, Cataldo, Johnson, Smith, Northway

#2 – Public Comments

Chris Barry, 4749 NE 48th Court, 50317, appeared before the Board about the Rendezvous event held at Chichaqua every year.

#3 – Consent Agenda Items

MOTION: Moved by Cataldo to approve moving item 3F) Easter Lake Restoration Project Manager to the regular agenda; and approve the remaining consent agenda items:

- a) PCCB January 2015 bill list;
- b) PCCB Bylaws;
- c) modifying policy to identify employees working 30 or more hours a week for more than a six month period to be benefits eligible from 24 or more hours/week/annually, effective immediately;
- d) authorizing staff to contract with Russell Joe Patterson to farm the 9.8 acres of the former Miller-Rist property for one (1) year and authorize the Interim Director to sign said contract with Russell Joe Patterson;
- e) acknowledging receipt of the proposed rate changes at the Jester Park Golf Course from Green Golf Partners for the 2015 golfing season and acknowledge that the proposed prices are in conformance with pricing guidelines established by the Board

VOTE YEA: Levis, Smith, Northway, Johnson, Cataldo

#3f – Easter Lake Restoration Project Manager

MOTION: Moved by Levis to approve the Independent Contract Agreement with Mike McGhee for a not to exceed amount of \$42,000 for his role as project manager of the Easter Lake Restoration Project. Funding will be provided by the PCWLL Funds

VOTE YEA: Northway, Johnson, Levis, Smith

VOTE NAY: Cataldo

#4 – Jester Park Conservation Center Project Manager

MOTION: Moved by Smith to approve the Professional Services Contract with Mark Stevens for a not to exceed amount of \$90,000 for his role as project manager of the Jester Park Conservation Center Project. Funding will be provided by the PCWLL Funds

VOTE YEA: Levis, Smith, Johnson

VOTE NAY: Cataldo, Northway

#5 – Yellow Banks Park Planning & Design

Penny Thompson, Birch Blvd, Pleasant Hill, steward at Yellow Banks and a member of Polk County Conservation Advisory Board, appeared before the Board about Yellow Banks Park.

Johnson asked that staff arrange for contractors to be present at meetings when contracts are approved.

MOTION: Moved by Cataldo to approve Professional Services Agreement with Shive-Hattery for Yellow Banks Park Planning & Design for an amount not to exceed \$126,800 and authorize the Chair to sign the Agreement.

VOTE YEA: Smith, Northway, Johnson, Cataldo, Levis

#6 – Election of Officer, Secretary

Levis nominated Jim Cataldo as Secretary to the Board for 2015.

MOTION: Moved by Levis to accept the nomination of Jim Cataldo to serve as Secretary for 2015.

VOTE YEA: Johnson, Northway, Smith, Cataldo, Levis

#7 – Director’s Position

MOTION: Moved by Smith considering his performance as Interim Director, the Board 1) appoint Richard Leopold as Polk County Conservation Director; 2) authorize the Chair and Vice Chair to negotiate an appropriate salary with Leopold; 3) appointment to Conservation Director be effective upon determination by the Chair that the salary negotiation has been successfully concluded; 4) that the salary increase be retroactive to the date Leopold assumed duties of Interim Director (August 21, 2014) and 5) the August date be his new annual review date.

VOTE YEA: Smith, Northway, Cataldo, Levis, Johnson

#8 – Employees, Recent Hires

Kelsey Freeman, newly hired Riding Instructor at the Jester Park Equestrian Center, was introduced to the Board.

#9 – Closed Session, Land Acquisition

MOTION: Moved by Northway to go into closed session pursuant to Chapter 21.5 of the Iowa Code for the purpose of discussing the acquisition of real estate where public disclosure might adversely affect the price.

VOTE YEA: Cataldo, Johnson, Smith,, Levis, Northway

Board returned to open session. No action was taken.

Financial Reports

Director’s Remarks

- *Part-time 32 employees to full-time
- *Trails update
- *Parks Superintendent position update
- *Chichaqua Bottoms Greenbelt Master Plan process
- *Water quality planning/monitoring
- *Bond, charts, graphs, maps coming in future to assist with future decisions
- *Deputy director position update

Board Chair and Member’s Remarks

- *Johnson - welcomed Richard Leopold on Board as Director
- *Cataldo –consolidating both assets, Easter Lake Lodge and Jester Park Conservation Center, in one. Leopold will bring history to next month's agenda.

Adjournment

Meeting adjourned at 7:53 p.m.

Prepared by: Cindy Lentz

Easter Lake Water Quality Demonstration Project

Polk County Conservation Board



Contact: Loren Lown, 11407 NW Jester Park Drive, Granger, Iowa 50109-9675

1-515-323-5364

Loren.Lown@polkcountyiowa.gov

Easter Lake is in Southeastern Polk County within the City of Des Moines. The body of the lake lies within Easter Lake County Park and Ewing Park (Des Moines Parks). The 215 acre lake was filled in 1967 and has a predominately urban watershed of 6,380 acres. The park has a yearly visitation of over 450,000 and is a major recreational resource in the metropolitan area. The larger Easter Lake Water Quality Management Project currently underway is a multi-agency effort with multiple funding sources. This watershed/lake project is estimated to be in excess of 15 million dollars by project end. Major partners are the Polk County Conservation Board, the Iowa Department of Natural Resources, the City of Des Moines, and the Polk County Soil and Water Conservation District

The Larger Easter Lake project has been underway for several years. In October of 2012 a detailed engineering study was completed outlining necessary restoration and redevelopment options. Partners have been working since that time to implement the recommended actions. Polk County Conservation, in partnership with Iowa DNR, the City of Des Moines, and other stakeholders has begun the process of restoring the lake. An extensive dredging project is planned beginning in 2015 along with fisheries improvements and shoreline and stream stabilization throughout the watershed.

The lake has three primary feeder streams. Yeader Creek is the largest stream flowing into the western arm and the second largest is an unnamed south arm. Sediment basins and grade stabilization structures either exist or are planned for both streams. This proposed water quality demonstration project will be in the Southwestern portion of the county park on what is referred to as the middle arm of the lake. The majority of the watershed is urban or under development between rural land use to urban. The Middle arm of the lake had no restoration planned beyond the dredging of the lake in that area; however, careful analysis of the stream course and bay revealed that the middle arm was responsible for significant sediment and nutrient delivery into the main lake and was a major contributor to poor water quality.

To address the sedimentation and excess nutrients flowing into the lake, a stilling basin/forebay will be constructed on the middle arm to the west of the historic covered bridge. This basin will provide sediment storage that can be easily accessed for maintenance, provide additional recreational opportunities, improve overall water quality within the lake, and provide an opportunity for environmental education with an emphasis on water quality.

The site is located in the most visited Polk County Park, within 10 miles of downtown Des Moines and within a metropolitan area of more than 560,000 people (2009 estimation). The site is adjacent to a historic covered bridge and the Mark C. Ackelson Trail. Many thousands of yearly visitors will be exposed to the project during park visits.

Polk County Conservation Board has committed several million dollars toward the restoration and improvement of Easter Lake. This demonstration project was not part of the original design but PCCB will dedicate Polk County Water and Land Legacy Bond monies to the completion of this important water quality project.

Water quality analysis, sediment mapping, engineering design, and a fishery creel survey have already taken place at the lake. These baseline studies are available for future comparison to determine the

effectiveness of this project on water quality and public use of the renovated lake. The design of the basin will allow trapped sediment to be removed at a future date to determine the effectiveness of the design and function. Education signage will be placed at the site nearby to the trail and historic covered bridge explaining the function of the project as well as need for corrective action and for continued conservation efforts.

Two design documents are attached to this application. One shows the project location within the watershed and the second is a more detailed site plan showing the construction limits of the proposed basin on the middle arm of Easter Lake.

Budget:

 MIDDLE ARM DRAINAGEWAY IMPROVEMENTS SEDIMENT BASIN "L" EASTER LAKE, POLK COUNTY PRELIMINARY BUDGET FOR PROBABLE CONSTRUCTION COST PREPARED BY SNYDER & ASSOCIATES, INC. December 17, 2014				
ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL
1	Mobilization (5%± of construction cost)	1	LS \$10,000	\$10,000
2	Clearing and Grubbing	1.3	AC \$15,000	\$19,500
3	Excavation, Class 13	15,000	CY \$10	\$150,000
4	Rip Rap	120	TON \$60	\$7,200
5	Dewatering	1	LS \$30,000	\$30,000
6	Seeding & Surface Restoration	0.5	AC \$5,000	\$2,500
Base Bid Subtotal				\$219,200
15%± Contingencies				\$32,800
Total Construction Cost				\$252,000

Note:

1. Estimate of costs does not include engineering, legal, survey, right-of-way acquisition, or administration costs which may be associated with the project.
2. Order of magnitude construction costs represent the best judgment of a design professional familiar with the construction industry and does not guarantee that any actual cost will not vary from the above cost estimate.

	IDALS Request	Partner Contributions	Landowner Contributions	Total Budget
4/15 /15 – 6/ 30/15	0	0	0	
7/1/15 – 6/30/16	\$100,000	0	\$152,000	\$252,000
Overall	\$100,000		\$152,000	\$252,000



PROPOSED MIDDLE ARM DRAINAGEWAY IMPROVEMENTS
 EASTER LAKE
 POLK COUNTY, IOWA

FIGURE A



SNYDER & ASSOCIATES
 Engineers and Planners

ENVIRONMENTAL EDUCATION

ANNUAL REPORT
2013-2014



Staff:

Patrice Petersen-Keys - Environmental Education Coordinator

Heidi Anderson – Naturalist

Joe Boyles – Naturalist

Lori Foresman-Kirpes – Naturalist

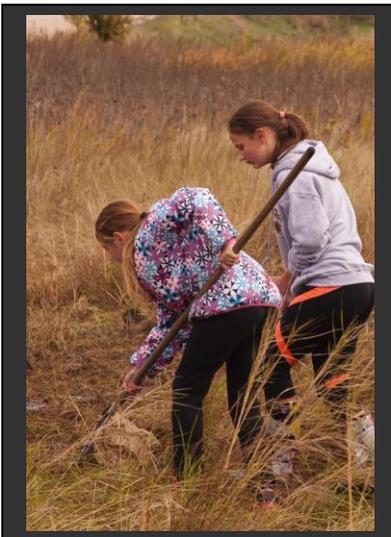
Lewis Major – Naturalist

Rebekah Beall – Seasonal Naturalist

YEAR AT A GLANCE

From July 1, 2013 to June 30, 2014, the environmental education staff connected with various audiences for a total of 41,907 hours.

	Programs	Participants	Hours of Programming	Contact Hours
School	1,150	22,454	365	27,235
Family	82	3,242	88	774
Adult	63	2,251	284	7,875
Youth	248	5,775	150	4,681
Camps	5	59	114	1,342
Totals	1,548	33,781	1,003	41,907



West Des Moines students have fun exploring Engeldinger Marsh.

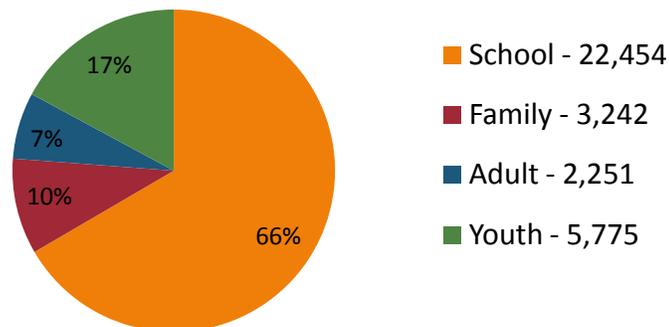
Contact hours are figured by adding together the amount of time each individual spends with a naturalist

Example: If a two hour program has 10 participants, the contact hours equal 20.

More contact hours provide a higher impact. More time with program participants has greater value than having more participants.

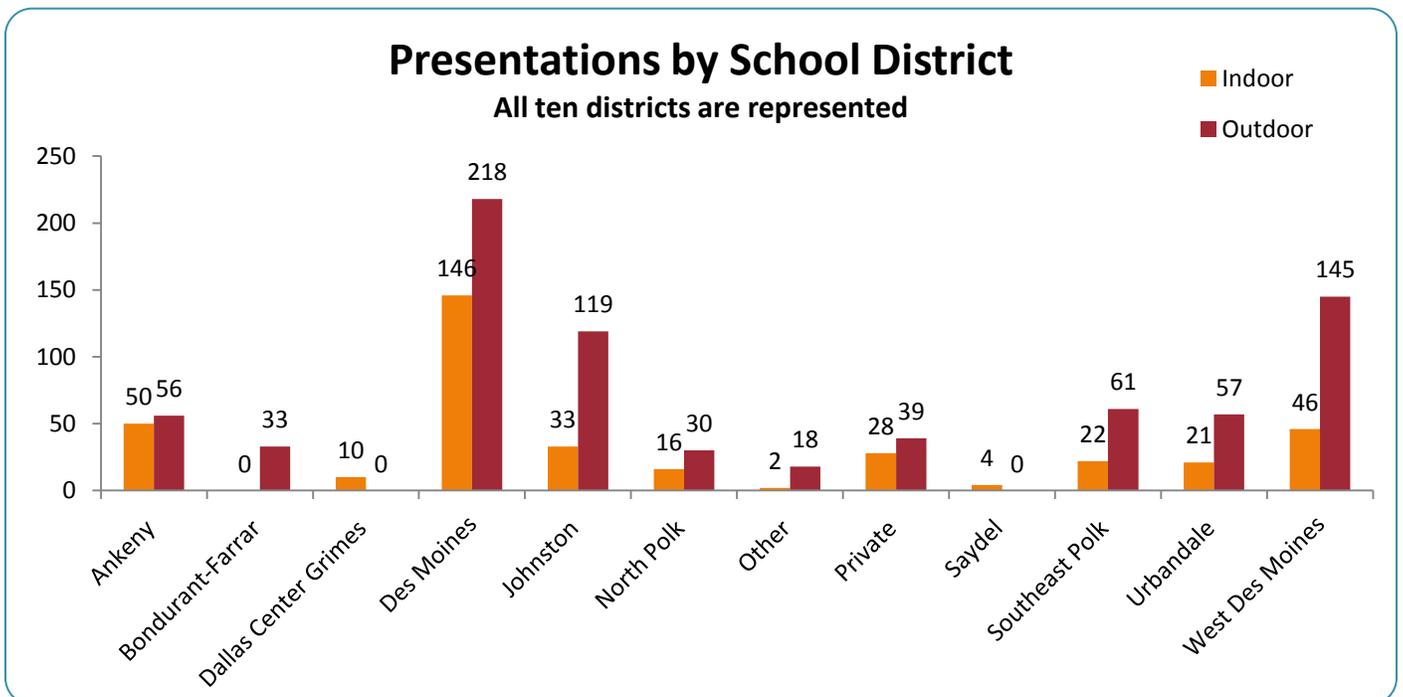
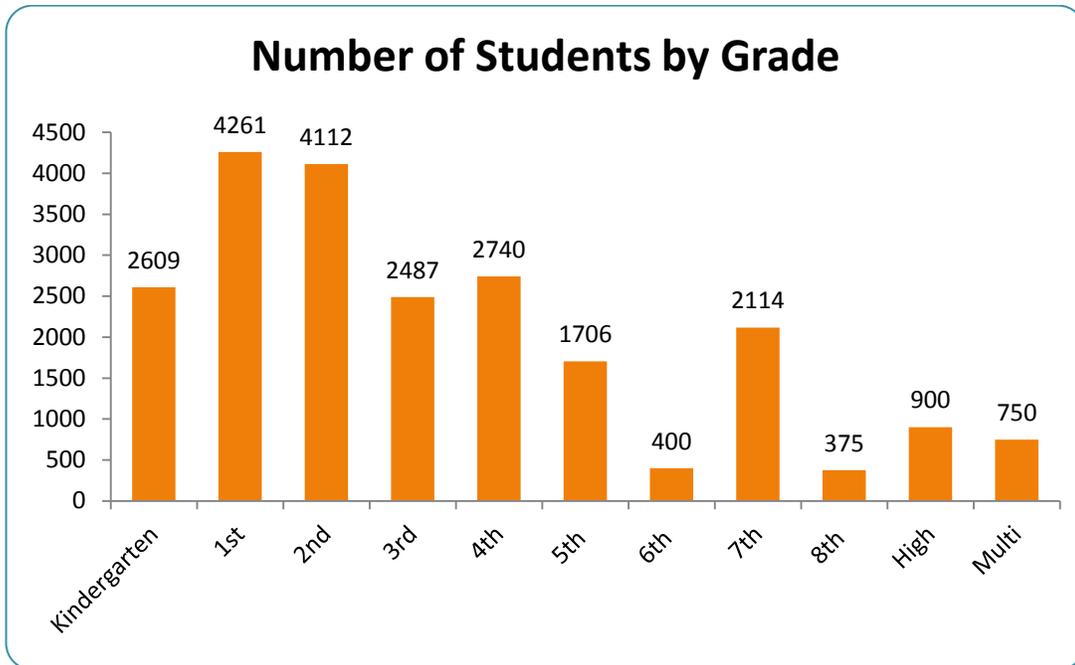
"The staff is very knowledgeable and gives great information. They have a lot of patience and make things easy for fourth graders to understand." - Fourth grade teacher at Olmstead Elementary, Urbandale.

33,781 Total Program Participants



SCHOOL PROGRAMS

School programs are a major focus of the environmental education unit. We continue to work to align our classroom presentations and field trips with Iowa Core Science Standards. This allows teachers to justify a field trip experience. Classroom programs and field trips help students meet learning objectives while having fun.



“Other” includes home school groups and schools outside Polk County

SCHOOL FIELD TRIPS

A total of 107 field trips, involving 682 programs and 7,685 students, were conducted during the 2013/14 school year. With some schools have difficulty with bus funding, the Great Outdoors Foundation provides a limited number of school bus scholarships. During the past year, 16 buses were funded allowing almost 1,000 students to experience Polk County Parks.



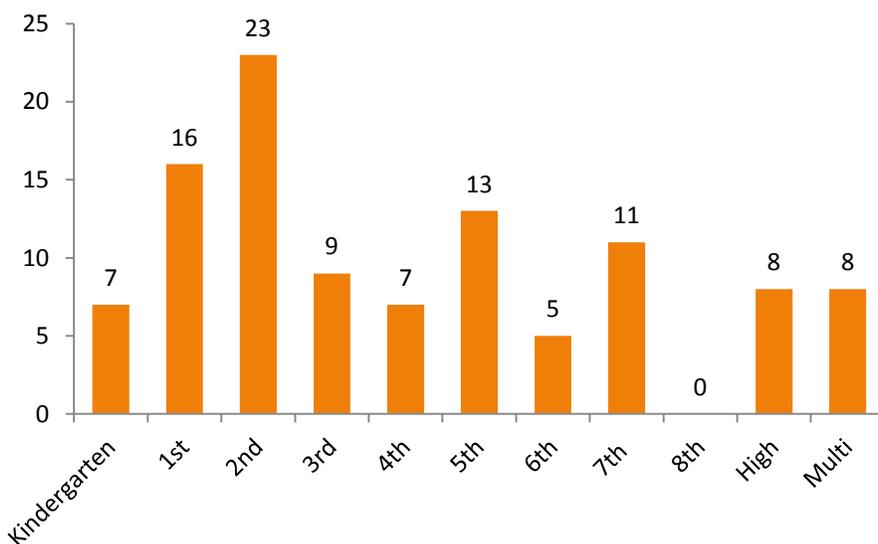
Jordan Creek students canoeing the oxbows at Chichaqua Bottoms Greenbelt

When asked, "What did you like best about your PCC program" one teacher 4th grade teacher commented: "Everything! We gain so much knowledge and it is such a wonderful way to actually see what we are learning! I refer to this field trip all year long back in the classroom! It is awesome!"

Students enjoy catching critters while on an Insect-themed field trip to Jester Park.



Number of Field Trips by Grade



PUBLIC PROGRAMS



An average of 50 people attend Nature's Story Hour

Family programs

- Presented eleven Nature's Story Hour and Nature Playdates in various PCC parks
- Co-sponsored Nature Friends, a parent/child program, with West Des Moines Park and Recreation and Des Moines Izaak Walton League
- Twenty youth became "Junior Naturalists" by attending multiple programs and doing independent nature activities
- Programs during spring and winter break are popular when families are spending time together

Youth programs

- Five, week-long summer camps connect youth to the outdoors through hands-on learning activities and adventures
- A day-long survival skills spring break camp teaches fire building, archery, and geocaching
- Eight "summer skill" programs helped engage 10-16 year olds in fun physical activities like canoeing, kayaking and geocaching.



Jr. Naturalist Summer Camp Participants

Adult programs

- Conducted Polk County Master Conservationist program. This 32-hour course introduces adults to Iowa conservation and natural resource issues.
- Continued growth of OWLS (Older Wiser Livelier Seniors) monthly program, average attendance is 80 people.
- Conducted seven eco-bus tours, for a total of 294 participants
- Led two outdoor skill paddling adventure trips. One on the St. Croix River in MN and the other on the Niobrara River in NE.
- Began "Book Worms" a monthly environmental book club.
- Hosted weekly music in the park at the Jester Park Amphitheater from Memorial to Labor Day.



Jewell of the Prairie Bus Trip participants took a pontoon ride at Rock Creek State Park.

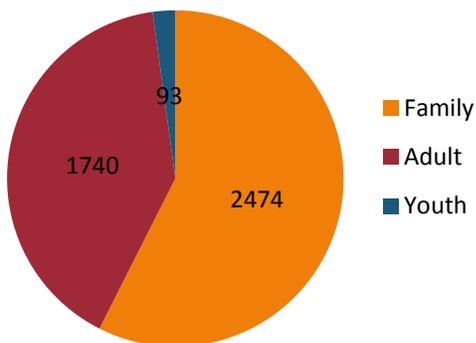
PUBLIC PROGRAMS

Special Events

2,124 people attended special events. These events often involve partnerships and have multiple programs taking place at one time. Event partners are in parentheses.

- Discover Chichaqua at Chichaqua Bottoms Greenbelt
- Iowa Outdoor Expo at Des Moines Izaak Walton League (Iowa DNR and Des Moines Izaak Walton League)
- Youth Waterfowl Fun Day at Chichaqua Bottoms Greenbelt (Iowa DNR and Ducks Unlimited)
- Walk for Wildlife at Jester Park (Greater Des Moines Volkssport Association)
- Do More Outdoors at Thomas Mitchell and Chichaqua Bottoms Greenbelt (Unity Point Health – Des Moines)
- Urbandale Snow Day at Lions Park (City of Urbandale)
- Bald Eagle Watch at Jester Park/Saylorville Lake (Army Corps of Engineers – Saylorville Lake, Iowa DNR and Dallas CCB)
- Easter Lake Watershed Kickoff at Easter Lake Park (Polk Soil and Water Conservation District)
- Senior Fishing Derby at Easter Lake Park (Polk County Senior Services)

Public Programs Attendance - 4,307



Habitat discovery booth at the Iowa Outdoor Expo.



Visitors enjoy looking for eagles at the Bald Eagle Watch.

ANNUAL HIGHLIGHTS

Social Media

Social media is an easy and effective way to connect to the public. The data below reflects the ever increasing number of methods and users.

- Twitter followers - 262
- Facebook followers – 1,445
- Pinterest followers - 179
- E-Newsletter subscribers – 7,763
- YouTube total views – 2,367
- Blog, average monthly read - 679
- Guide by Cell, prompts dialed – 2,872
- Guide by Cell, new dialers – 1,673
- QR (Quick Response) code views - 199



Example of QR code, scan to see video of Jester Park Osprey.

Special Projects

- Maintain and update 56 Guide by Cell messages and 12 QR codes
- Provide 11 Park Packs for free check out to families and youth groups
- Write bi-monthly Ask the Naturalist news columns in the Bull’s Eye Newspaper and Polk County Senior Bulletin
- Jester Park Natural Playscape and Elk/Bison Education Plaza maintenance
- Jester Park bird blind maintenance
- Produce Nature News three times a year and mailed to 6,500 recipients
- Jester Park Conservation Center fundraising and interpretive display planning



Lincoln High School students learning about water quality while spreading compost at Easter Lake Park.

Grants Received

- Received \$20,170 for a Resource Enhancement and Protect/Conservation Education Program (REAP/CEP) grant titled “Discover Your Watershed”. The grant ranked first out of eleven other grants. It was praised by the review board for the great partnerships, working with high school students and for the place based education.
- Received \$103,436 for a Land and Water Conservation Fund Act (LAWCON) grant to develop newly donated Fort Des Moines property into an outdoor classroom. New features will include, prairie planting, walking trails, wildlife viewing stations, and shelter.

ANNUAL HIGHLIGHTS

Outreach

- 12 ICN (Iowa Communications Network) presentations viewed by 1,025 students across the state
- Orienteering and survival presentations at OJ (Outdoor Journey) for Girls. This program introduces 12-15 year old girls to outdoor skills
- Bat presentation at “Mysteries of the Castle” at the Salisbury House, a family friendly day filled with education and fun
- Iowa State University “Taking the Road Less Traveled” on careers in conservation sponsored by the Women in Science and Engineering
- Presented programs to eight local libraries assisting with their reading programs
- Provided programming opportunities to local civic and professional organizations
- Epic Iowa Road Trip sponsored by the Iowa Tourism and the Department of Economic Development - visited Jester Park and toured the Elk/Bison Exhibit and the new Cabins. The group also traveled via horse drawn wagon to the High Trestle Trail Bridge. Polk County Conservation was part of a select group to be included in the tour throughout the state of Iowa



The nine-day Epic Iowa Road Trip showcased more than 60 destinations while traveling nearly 2,100 miles

Media Relations

- Promoted Do More Outdoors event at Chichaqua on Great Day KCWI-TV
- Interview with Van and Bonnie from WHO-Radio and KCCI-TV about recreational activities at Jester Park
- The Des Moines Register featured a story on the Owl Prowl public program in February and periodic cicadas in June
- Interview with IPTV - Iowa Outdoors and WHO-TV about the periodic cicadas
- Promoted the Jester Park cabin grand opening on WOI-TV
- Edited four television commercials promoting outdoor recreation. This was a joint promotional campaign with Mills Fleet and Farm

Memo: Polk County Conservation Center and Easter Lake Lodge

To: Polk County Conservation Board, Polk County Board of Supervisors

From: Richard Leopold, Director, Polk County Conservation Board

March 3, 2015

There has been some discussion concerning the location of the planned Jester Park Conservation Center. Some have proposed that since there is planning underway to establish an “event and community center” at Easter Lake Park, perhaps there could be efficiencies by combining the two efforts. While on the surface there appears to be some efficiencies and merit to this proposal, upon further consideration there are many challenges. This point of view asserts that \$4M of the Polk County Water and Land Legacy bond funding allocated to the Jester Park site could be directed to the Easter Lake Park site and that there may be overlap and limited capacity of the donor base to support two projects in the Des Moines area.

To better describe the situation of the Jester Park Conservation Center and its planning, here are some useful considerations to objectively examine some of the current and historic efforts underway.

- The Jester Park Conservation Center Third Party Assessment of Probable Costs is approximately \$11M. In addition to this figure, there has already been over \$700,000 invested in with complete site plans, design, and engineering completed. This investment in design and engineering is site specific, and would not be transferable to the proposed lodge at Easter Lake Park.
- The Easter Lake Lodge is in preliminary design, with early costs estimates somewhere between \$6M and \$8M. There has been no site plan, final design, or engineering to date.
- The Jester Park Conservation Center is designed to headquarter Polk County Conservation offices, which is sorely needed. The Easter Lake Lodge is not currently designed for this use. This will add at least \$2M to the cost.
- The Jester Park Conservation Center is designed to facilitate environmental education, outdoor recreation, and natural resources interpretation. The Easter Lake Lodge is not currently designed for these uses. This will add at least \$2M to the cost.
- There is little opportunity for outdoor environmental education at the Easter Lake site. Jester Park was chosen in part because of its diverse habitats, such as prairie,

forest, wetlands, streams, shallow ponds, and Saylorville Reservoir. Easter Lake is a beautiful urban park, but offers none of these habitats. Although it is possible to “recreate” these habitats, it is very expensive (Easter Lake is a former coal mine with the slag from refining making up the surrounding landscape.)

- There has been a great deal of investment at Jester Park already in anticipation of the Conservation Center, such as pond improvements (complete with boardwalk and boat ramp), the Nature Playscape, the live bison and elk exhibits, four modern cabins, a new entrance road, and an extensive ADA accessible trail network.
- Easter Lake Park is going through its own wonderful metamorphosis. With partners, Polk County Conservation is building a lake perimeter paved trail (\$6M), lake restoration (\$12-\$15M), and updated facilities, shoreline work, beach concession, etc. These upgrades and amenities, along with a proposed Easter Lake Lodge, puts improvements at well over \$25M.
- Jester Park Conservation Center currently has three contracts in progress, under approval and authority of the Polk County Conservation Board. These include a professional feasibility study to determine the fundraising potential of the project, interpretive design and display construction, and project coordination. Together, these contracts total over \$500,000.
- Currently, the Jester Park Conservation Center is the grateful recipient of a Vision Iowa Community Attraction and Tourism grant for \$970,000. If the site is changed, this grant goes away, it is non-transferable.
- Polk County Conservation, through major donors, city contributions, corporate gifts, and foundation grants, has generated over \$1.25M. Almost certainly, the vast majority of this fundraising goes away and is non-transferable.
- Planning for the Jester Park Conservation Center pre-dates and was subsequently concurrent with the campaign for the Polk County Water and Land Legacy bond. A change of location would surely have public repercussions.
- Polk County Conservation is currently going through a detailed feasibility study. This study will give confidence and a firm plan forward to raise the remainder of the needed funds. It is believed that the donor base for this facility will be distanced, both in time, location, and interest, from other efforts underway in our community, including Water Works Park and the Easter Lake Lodge. The feasibility study, to be completed in May, will report on its findings.
- My opinion – I believe the efforts of the Easter Lake Lodge committee have made a good start and are ready for the next steps. The Polk County Board of Supervisors had historically committed \$250,000 to this project, \$50,000 of which has been used to generate the preliminary design. Polk County Conservation has committed \$400,000 of Polk County Water and Land Legacy funding to the project (along with millions in funding to the trail and lake restoration projects.) I realize this is likely less than 10% of needed funding for the Easter Lake Lodge, although it is a great base to fund its own feasibility study and contract for professional fundraising. They have a vibrant and engaged committee and community supporting this project, and who very much want a chance to prove they can handle a project of this magnitude. I would be inclined to let them see what they can do.

**FEASIBILITY STUDY
GREAT WESTERN TRAIL EXTENSION
DES MOINES, IOWA**

**POLK COUNTY CONSERVATION
PROJECT #: 115.0081**

February 9, 2015

Prepared by:



SNYDER & ASSOCIATES
Engineers and Planners

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APPENDICES

Appendix A: Cost Opinion Information

1. PROJECT BACKGROUND

The Great Western Trail, managed by Polk County Conservation, connects the cities of Martensdale, Cumming, and Des Moines, where there is a trailhead just south of Water Works Park and George Flagg Parkway. The Bill Riley Trail, managed by the City of Des Moines, connects from Ashworth Park, through Water Works Park, to Gray's Lake Park. The two trails are approximately a mile apart, but do not have a direct trail connection between them. Trail users must travel along Water Works Park roads to link between these two popular trails. George Flagg Parkway is subject to flooding, which often prohibits passage.

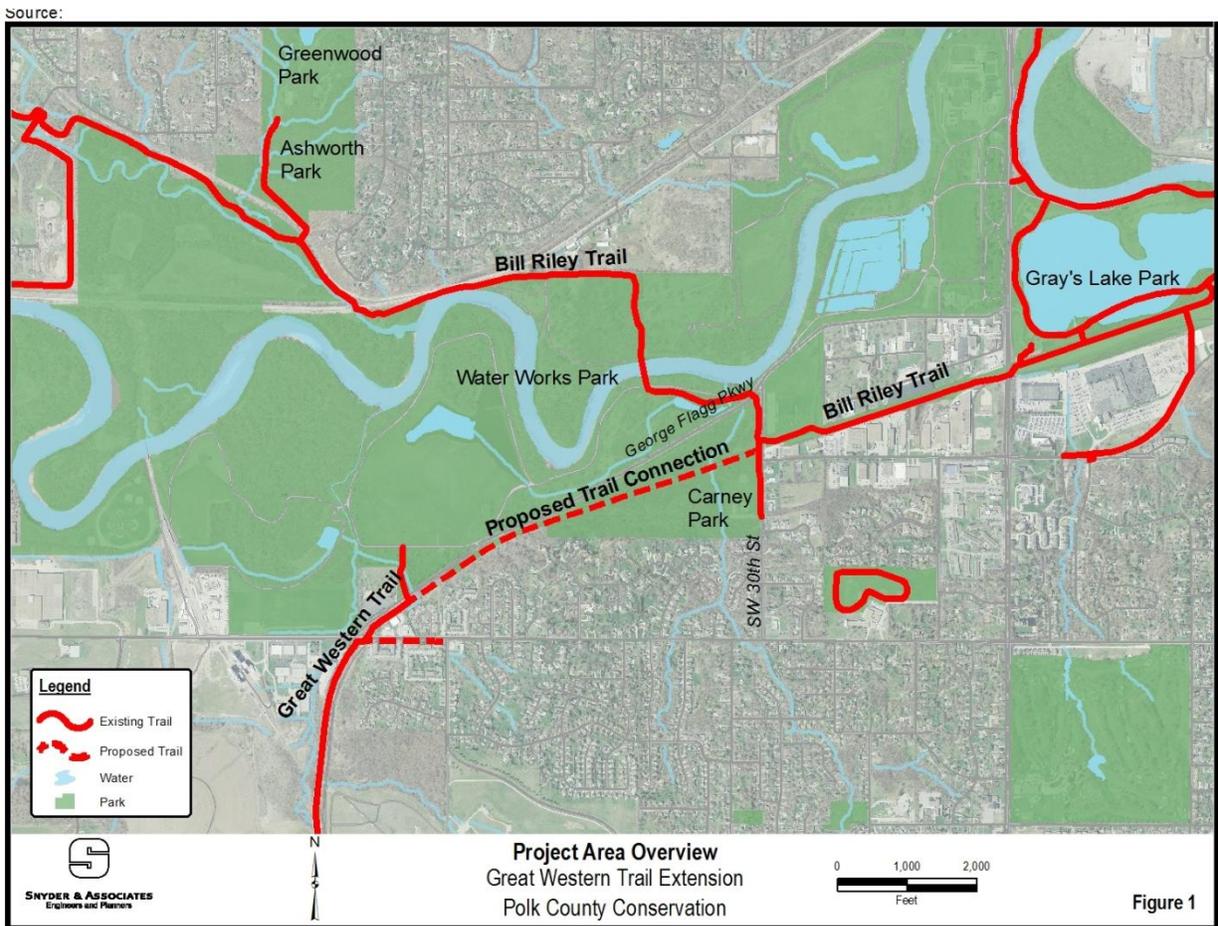


Figure 1 – Project Area Overview

There is a former railroad right of way just south of Water Works Park that creates a direct connection between the Great Western Trail and a portion of the Bill Riley Trail at Southwest 30th Street. The 100-foot wide railroad right-of-way has been split with the northern 30-foot being owned by Polk County and the southern 70 feet being owned by the City of Des Moines. It is at a higher elevation than George Flagg Parkway and would be less vulnerable to flooding. The length of the corridor is slightly longer than one mile.

Source:

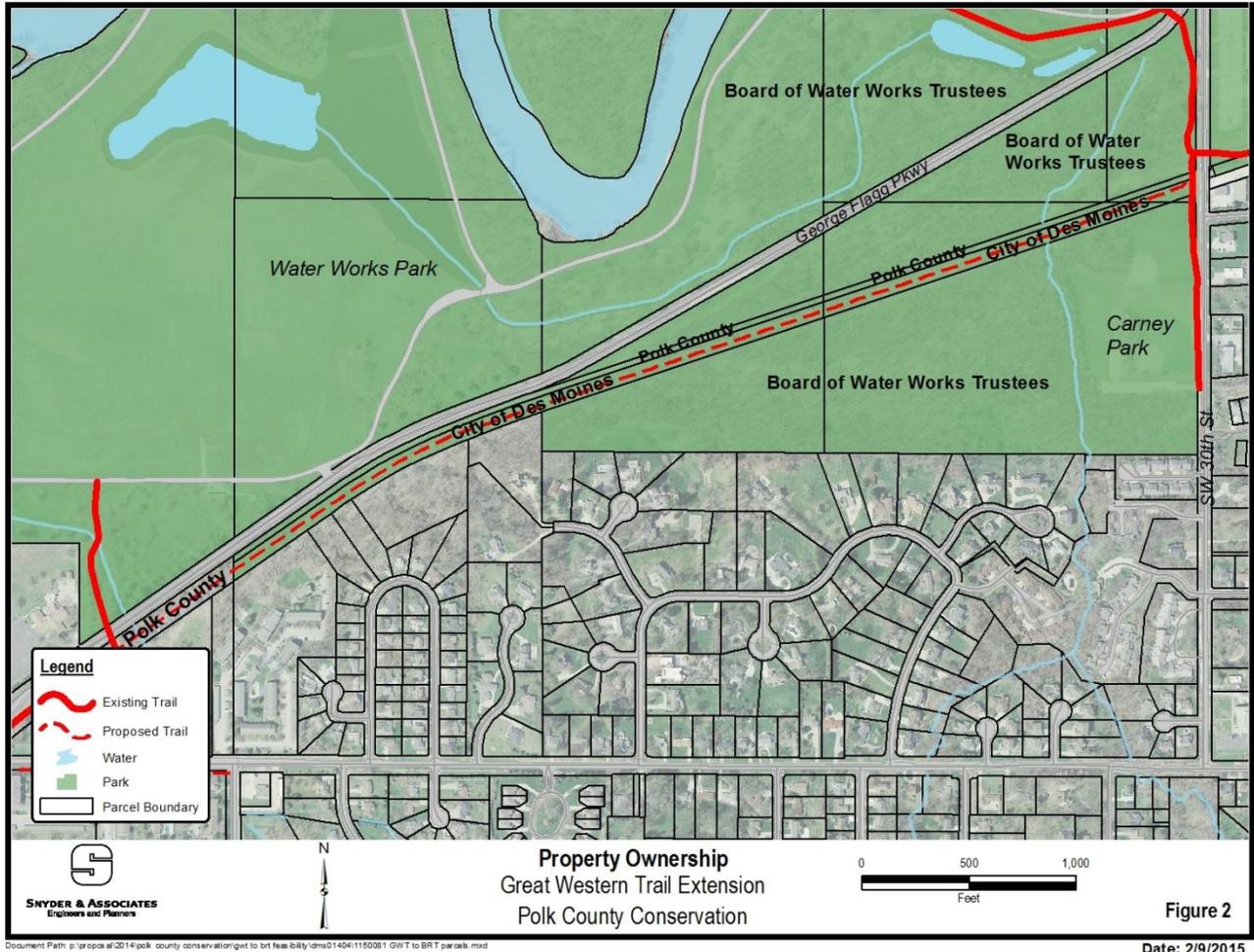


Figure 2 – Property Ownership (trail alignment shown for planning purposes only)

This proposed trail segment is identified as a planned trail on the City of Des Moines Bicycle and Trail Master Plan, and is identified as regional trail system gap by the Des Moines Area Metropolitan Planning Organization (DMAMPO).

This area is also part of the planned route for the SW Connector road project, which is a diagonal route connecting downtown Des Moines to Interstate 35 north of Cumming. The project has been part of the DMAMPO’s long-range transportation plan since 1994. Portions of this project have been constructed in the City of West Des Moines; however, no construction has been scheduled within the City of Des Moines. A February 11, 2013 City of Des Moines Council Communication (No. 13-060) stated that, “Currently there are no funds in the existing City of Des Moines Capital Improvement Program for the extension of the SW Connector into Des Moines. Future work on the SW Connector within Des Moines’ Corporate limits is not anticipated for at least 10 years. Completion of the SE Connector to Highway 65 is our top street priority. Therefore, we don’t expect construction of the SW Connector for many years.” The map on the following page shows the proposed alignment of the SW Connector within the City of Des Moines. The area of this proposed trail connection is circled.

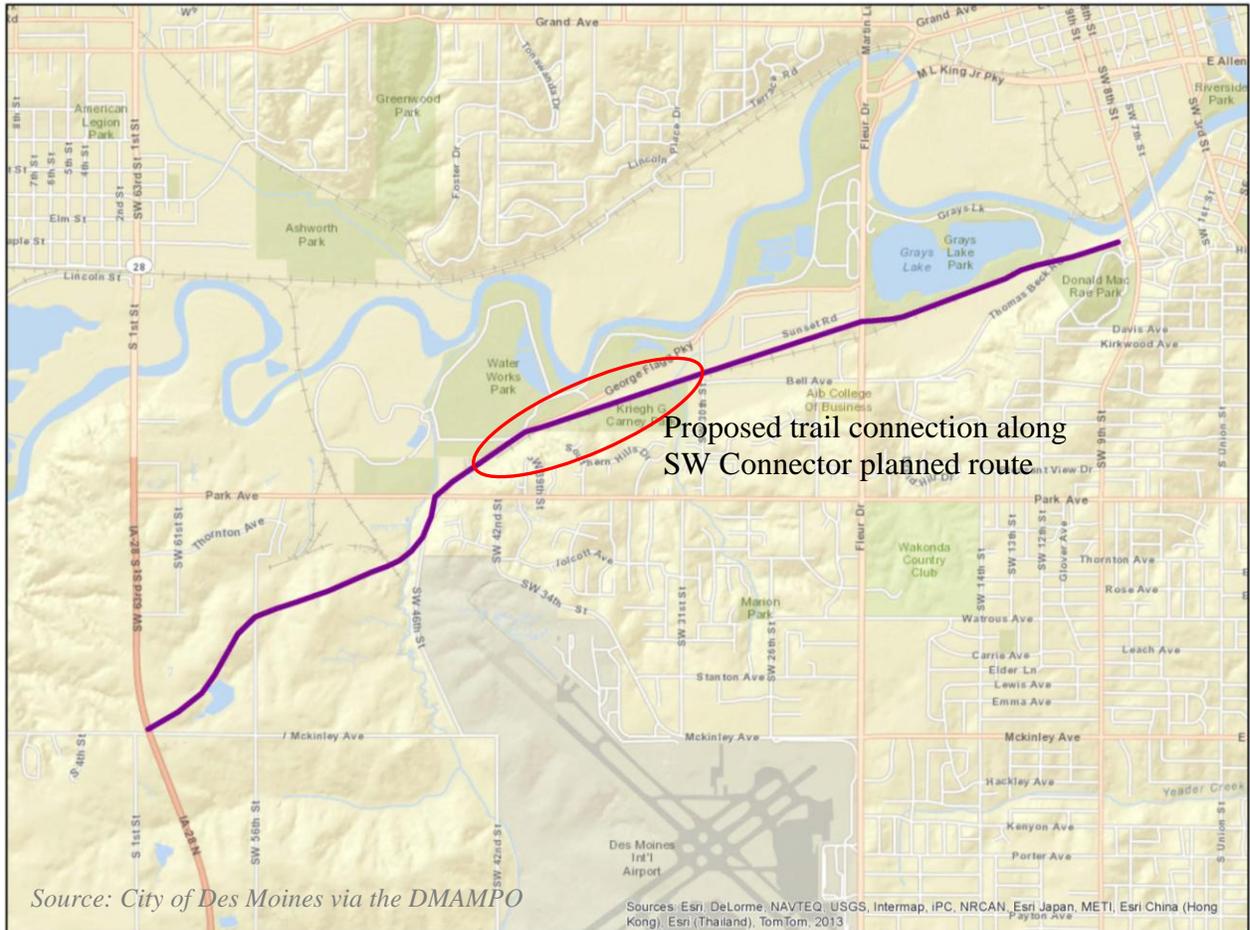


Figure 3 – Planned SW Connector Route within the City of Des Moines

The SW Connector is envisioned to follow the same rail corridor contemplated for this trail connection. However, due to the lower priority placed on the SW Connector improvements in Des Moines, a trail connection could be useful for many years. Careful design of the SW Connector could also incorporate the trail without removing it.

Polk County Conservation requested a feasibility study of the route to build an 8-foot wide granular trail along the former railroad right-of-way. Due to the significance of the connection to the overall Central Iowa Trail System, this feasibility study includes a cost opinion for development of a 10-foot-wide paved trail as well.

2. TRAIL DESIGN STANDARDS

Trails may be referred to as “shared use paths” due to their dual recreational and transportation purposes (whereas other types of “trails” may be a solely recreational facility). Shared use path design guidance is provided by American Association of State Highway and Transportation Officials (AASHTO) *Guide for the Development of Bicycle Facilities* and The *Iowa Statewide Urban Design and Specifications* (SUDAS) Manual. The trail should also meet Americans with Disabilities Act, with guidelines provided through Public Right of Way Accessibility Guidelines (PROWAG).

Trail width

The SUDAS and AASHTO guides agree that a typical shared use path width is 10 feet to accommodate two-way bicycle traffic; however, widths can be reduced to 8 feet where bicycle traffic is expected to be low, pedestrian use is not expected, the alignment allows passing and resting opportunities, the path will not be subjected to maintenance loading conditions that would cause pavement edge damage, or there is a physical constraint for a short distance. A 2-foot minimum shoulder is also required.

This trail is envisioned as an 8-foot facility although use is anticipated to be high and pedestrian traffic is expected. This extension fulfills an immediate need, but is considered temporary toward two possible permanent conditions, either extension of the SW Connector or permanent paving of the trail.

Trail surface material

SUDAS recommends that shared use paths in an independent right-of-way are paved, but allows for granular surfaces if they are firm, stable, and slip resistant. PROWAG also requires surfaces that are firm, stable, and slip resistant.

AASHTO states that hard, all-weather pavement surfaces are generally preferred over those of crushed aggregate. Bicyclists may lose traction and bicyclists and other wheeled users must exert greater effort to travel at a given speed when compared to paved surface. Some users, such as inline skaters, are unable to use unpaved paths.

Unpaved pathways may be appropriate if the intended use is primarily recreational or if it is being used as temporary measure to open a path before funding is available for paving.

The granular surface should be 6 inches thick with a gradation of 3/8 inch minus crushed limestone.

Snyder and Associates, Inc. recommends that slopes longitudinal of 3% or more be paved. Steeper slopes will rapidly erode as rainwater sheds down the longitudinal slope faster than the 2% cross slope.

3. SITE CONDITIONS

As a former railroad right-of-way, the majority of the route is well-defined and suitable for a trail connection. There are a few conditions to address in order to accommodate the trail. The areas of interest include: the west end connection, east end connection, vegetation overgrowth, existing culverts, additional drainage crossings, flood and erosion damaged areas, and other miscellaneous items.

West end connection

Starting at the Great Western Trailhead on the west end of the corridor, the proposed trail will tie into the existing trail at the location shown below. This is at the curve in the trail between George Flagg Parkway and the trailhead parking lot. The proposed trail will continue to the east from this curve. Intersection warning signage should be installed and vegetation should be cleared to ensure a sufficient sight triangle to avoid collisions.



Photo 1 - Great Western Trail facing east toward railroad corridor.

East end connection

At the east end of the corridor, the trail will ramp up from the railroad corridor to the street elevation. The City of Des Moines provided the plan sheet for the American Discovery Trail, Segment 4 (locally referred to as the Bill Riley Trail) which indicates that this ramp was designed for a future trail connection with a 4.9% slope, which is under the maximum of 5% established for compliance with the Americans with Disabilities Act.



Photo 2 - East end of corridor facing east toward SW 30th Street, ramp slope is 4.9%.

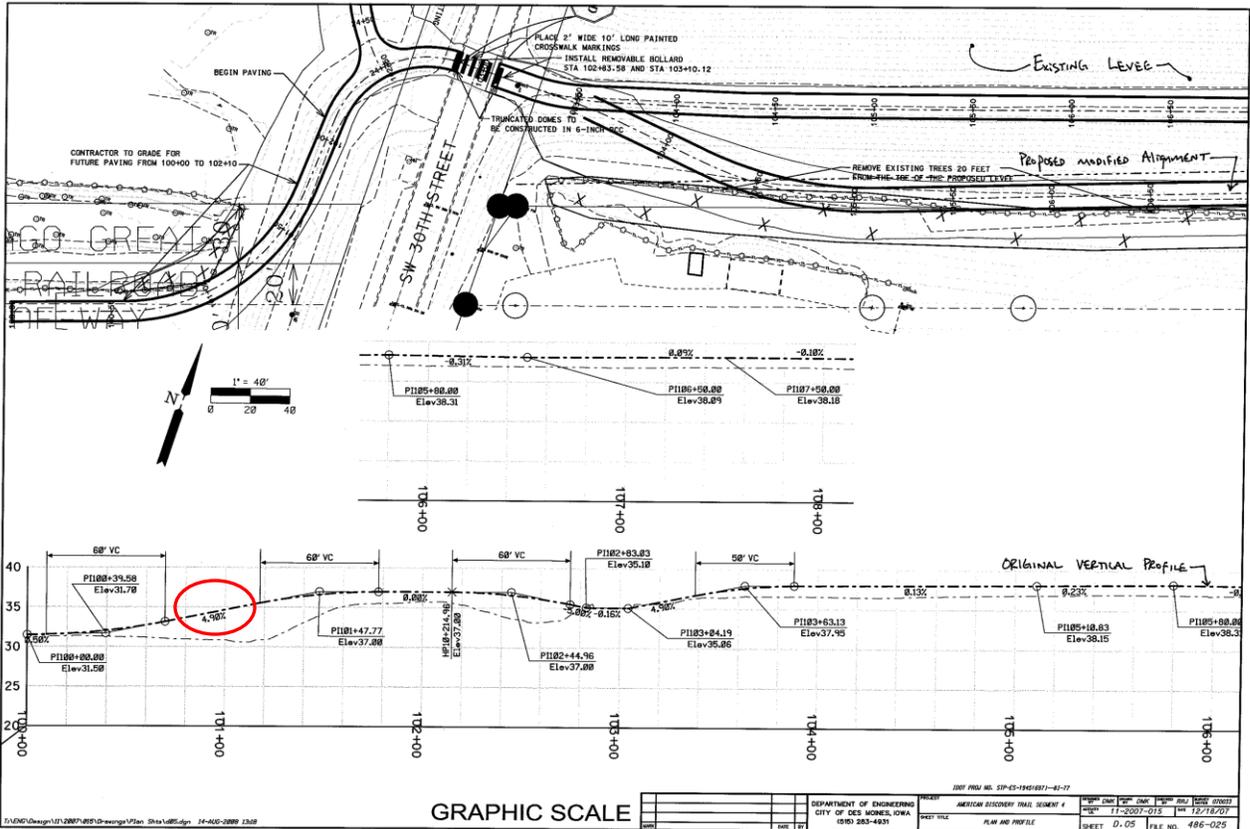


Figure 4 – American Discovery Trail, Segment 4 Plan Sheet (12-18-2007)

The proposed gravel surface trail may be subject to erosion along this steep slope. Also, if the gravel is loose, it may be hazardous to trail users at higher speeds on the slope. A bonding agent could be added to the surface to keep the rock in place, but paving this section is recommended.

The paving should extend onto the flatter portion of the trail in order to give cyclists and other wheeled trail users time to adjust the speed and prepare to transition onto a gravel surface, with signage warning cyclists of the change in trail surface material. One way to estimate the length of pavement necessary to prepare for this transition would be to calculate the distance necessary for a bicyclist to come to a stop. Of course, the bicyclist does not need to come to a complete stop before transitioning onto the gravel portion of the trail, but they do need to slow enough to maintain control of the bicycle during the transition.

The AASHTO *Guide for the Development of Bicycle Facilities* provides this formula for

$$\text{calculating stopping sight distance: } S = \frac{V^2}{30(f \pm G)} + 3.67V.$$

Where:

S = stopping sight distance

V = velocity (mph)

f = coefficient of friction (0.16 for a typical bike in wet conditions; 0.32 for dry conditions)

G = grade (ft/ft) (rise/run)

If we assume:

$V = 25$ mph for a cyclist coming down the 4.9% slope

$f = .16$ for wet conditions to ensure the safest design

$G = 0$ for stopping on the flat portion of the trail

then $S = 225$ feet of flat, paved trail recommended for a bicyclist to see the change in surface and come to a stop, if necessary.

We propose paving the slope along with a section of trail out to the tree line in Carney Park. This would provide approximately 190 feet of flat, paved surface. We also recommend that this section be 10-foot wide to better accommodate the different speeds of users that may be simultaneously using the trail. This would also meet the future paving of the trail.

At the top of the bank, the trail will tie into the existing Bill Riley Trail, which is a 10-foot wide, asphalt trail. We recommend removing a section of the existing sidewalk and repaving a concrete connection at the top of the levee to create a better transition between the existing trail, the sidewalk, and the proposed trail extension.



Photo 3 - East end of corridor, facing south from existing Bill Riley Trail.

Vegetation overgrowth

Various types of vegetation have grown along the entire route of the corridor. Much of the corridor along the western portion is overgrown with honeysuckle. Most of the trees along the corridor are less than 6 inches caliper, but there are a few along the edges and embankments that are larger and will need removed to accommodate the trail and the required shoulders. There are also several downed trees crossing the path that will need to be removed.



Photo 4 - Vegetation along the west end of the corridor.



Photo 5 - Vegetation along the west end of the corridor.



Photo 6 - A larger tree along the corridor.

Existing culverts

There are three existing culverts along the corridor. The westernmost is a stone and concrete culvert. This culvert will need to be evaluated by a structural engineer to review the deterioration and determine if remedial measures are necessary.



Photo 7 - South side of stone and concrete culvert.



Photo 8 - North side of stone and concrete culvert.

Further east is a 24-inch VCP culvert. The pipe appears functional, but clay pipe is susceptible to separation over time.



Photo 9 - Culvert on south side of rail bed.



Photo 10 - Culvert on north side of rail bed.

Near the east end of the corridor is a large, double culvert. The western opening on the south side of the corridor is blocked by debris and will need to be cleaned out to allow storm water to pass through. A sewer line runs parallel and south of the corridor and is exposed at this location.



Photo 11 - South side of large double culvert near east end of the corridor. The western culvert is blocked by debris.



Photo 12 - North side of large double culvert near the east end of the corridor.

Additional drainage crossings

There are two drainage crossings that will require new culverts to be installed to accommodate the trail.



Photo 13 - First drainage area that will require a new culvert.



Photo 14 - Second drainage area that will require a new culvert.

Flood and erosion damaged areas

There are several large areas of major erosion along the route as well as a few smaller areas. These areas will need to be filled and stabilized. These were likely damaged during flood events where the former railroad grade functioned as a dike or levee and was breached.



Photo 15 - Flood damaged area on northern bank of rail bed.



Photo 16 - Flood damaged area on northern slope of rail bed.



Photo 17 - Eroded area exposing utility lines along the northern slope of the rail bed.



Photo 18 - Eroded area along the northern slope of the rail bed.



Photo 19 - Washed out area across the rail bed corridor.

Miscellaneous items

There is an area near the center of the route where the terrain flattens out and the existing railroad bed is no longer discernible possibly due to utility installation or other grading. In this area, there is more flexibility with the location of the trail. Also, this area will require the trail typical cross section, which includes ditches, to be constructed.



Photo 20 - Flattened area near middle of corridor.

The box shown in *Photo 21* is a reminder of the corridor's former use as a railroad. It may be a future nuisance with the trail route and need to be removed. Acknowledgement of this structure can be incorporated into the trail design, if desired.



Photo 21 - A remnant of the corridor's former use as a railroad.



Photo 22 - The eastern portion of the corridor may offer scenic views of adjacent wooded areas.

4. CONCLUSION

When planning for the development of this trail, the following points should be taken into consideration:

- The project connects two significant trails in the Central Iowa System.
- The project is consistent with adopted local and regional plans.
- The project is in the same area as the proposed Southwest Connector road project; however, the City of Des Moines has not budgeted for development of the Southwest Connector at this time.
- As a former railroad right-of-way, the majority of the route is well-defined and suitable for a trail connection.
- Trail design guidelines recommend 10-foot wide paved trails, but 8-foot wide granular trails are allowed under certain conditions.

Trail improvement options and construction costs:

- The pre-design opinion of probable construction costs for an 8-foot wide granular trail, with pavement only at the top of the bank at the east end connection is \$180,000. This allows the minimum improvements necessary to create a trail connection, including two new culverts and potential rehab of the masonry culvert. The cost opinion includes excavation of the railroad bed to create a 14-foot wide surface to accommodate a future 10-foot wide trail with 2-foot shoulders. See the cost opinion on page A-1.
- The pre-design opinion of probable construction costs for a 10-foot wide paved trail is \$367,400. The additional cost is attributed to the PCC; all other costs are the same. See the cost opinion on A-2.
- The pre-design opinion of probable construction costs for an 8-foot wide granular trail with approximately 340 feet of 10-foot wide pavement (including the 4.9% sloped ramp and approximately 190 feet of flat pavement for cyclists to see the change in trail surface and slow down) at the east end is \$193,000. This is the recommended minimum amount of paving for maintenance of the steep slope and safety of the trail. See the cost opinion on page A-3.

APPENDIX A COST INFORMATION

The following is a pre-design opinion of probable construction costs for an 8-foot wide, granular trail with concrete added only at the top of the bank on the east end connection.

<u>PRE-DESIGN ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS</u>					
Great Western Trail Extension					
Polk County					
8-Foot Wide, Granular Trail					
Snyder & Associates Project No. 115.0081					
February 9, 2015					
ITEM NUMBER	ITEM DESCRIPTION	UNIT OF MEASURE	TOTAL UNITS	UNIT PRICE	EXTENDED COST
1	COMBINED CLEARING AND GRUBBING	AC	1.5	\$ 10,000.00	\$ 15,000.00
2	EXCAVATION, CLASS 10	CY	3,224	\$ 10.00	\$ 32,240.00
3	EMBANKMENT IN PLACE	CY	275	\$ 15.00	\$ 4,130.00
4	SPECIAL COMPACTION OF SUBGRADE	STA	56	\$ 275.00	\$ 15,400.00
5	PIPE CULVERT, TRENCHED, RCP, 24"	LF	72.0	\$ 80.00	\$ 5,760.00
6	PIPE APRON, RCP, 24"	EA	4	\$ 1,200.00	\$ 4,800.00
7	REMOVAL OF PAVEMENT	SY	11	\$ 10.00	\$ 110.00
8	RECREATION TRAIL, PCC, 6"	SY	58	\$ 38.00	\$ 2,210.00
9	RIP RAP, CLASS E	TON	50	\$ 50.00	\$ 2,500.00
10	SILT FENCE, INSTALLATION	LF	80	\$ 3.00	\$ 240.00
11	RECREATIONAL TRAIL, GRANULAR	TON	1,664	\$ 18.00	\$ 29,960.00
12	CONSTRUCTION SURVEY	LS	1	\$ 7,500.00	\$ 7,500.00
13	REHAB FOR MASONRY CULVERT	LS	1	\$ 30,000.00	\$ 30,000.00
CONSTRUCTION SUB-TOTAL					\$ 149,850.00
				CONTINGENCY (PRE-DESIGN) 20% ±	\$ 30,150.00
CONSTRUCTION TOTAL					\$ 180,000.00

The following is a pre-design opinion of probable construction costs for a 10-foot wide, paved (PCC) trail for the entire route.

<u>PRE-DESIGN ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS</u>					
Great Western Trail Extension					
Polk County					
10-Foot Wide, PCC Trail					
Snyder & Associates Project No. 115.0081					
February 9, 2015					
ITEM NUMBER	ITEM DESCRIPTION	UNIT OF MEASURE	TOTAL UNITS	UNIT PRICE	EXTENDED COST
1	COMBINED CLEARING AND GRUBBING	AC	1.5	\$ 10,000.00	\$ 15,000.00
2	EXCAVATION, CLASS 10	CY	3224	\$ 10.00	\$ 32,240.00
3	EMBANKMENT IN PLACE	CY	275	\$ 15.00	\$ 4,130.00
4	SPECIAL COMPACTION OF SUBGRADE	STA	56.0	\$ 275.00	\$ 15,400.00
5	PIPE CULVERT, TRENCHED, RCP, 24"	LF	72	\$ 80.00	\$ 5,760.00
6	PIPE APRON, RCP, 24"	EA	4	\$ 1,200.00	\$ 4,800.00
7	REMOVAL OF PAVEMENT	SY	11	\$ 10.00	\$ 110.00
8	RECREATION TRAIL, PCC, 6"	SY	4960	\$ 38.00	\$ 188,480.00
9	RIP RAP, CLASS E	TON	50	\$ 50.00	\$ 2,500.00
10	SILT FENCE, INSTALLATION	LF	80	\$ 3.00	\$ 240.00
11	CONSTRUCTION SURVEY	LS	1	\$ 7,500.00	\$ 7,500.00
12	REHAB FOR MASONRY CULVERT	LS	1	\$ 30,000.00	\$ 30,000.00
CONSTRUCTION SUB-TOTAL					\$ 306,160.00
				CONTINGENCY (PRE-DESIGN) 20% ±	\$ 61,240.00
CONSTRUCTION TOTAL					\$ 367,400.00

The following is a pre-design opinion of probable construction costs for an 8-foot wide granular trail with approximately 340 feet of 10-foot wide PCC trail at the east end, which allows the 4.9% sloped ramp and approximately 190 feet of flat area to be paved.

<u>PRE-DESIGN ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS</u>					
Great Western Trail Extension					
Polk County					
8-Foot Wide, Granular Trail & 10-Foot Wide, PCC Trail					
Snyder & Associates Project No. 115.0081					
February 9, 2015					
ITEM NUMBER	ITEM DESCRIPTION	UNIT OF MEASURE	TOTAL UNITS	UNIT PRICE	EXTENDED COST
1	COMBINED CLEARING AND GRUBBING	AC	1.5	\$ 10,000.00	\$ 15,000.00
2	EXCAVATION, CLASS 10	CY	3,224	\$ 10.00	\$ 32,240.00
3	EMBANKMENT IN PLACE	CY	275	\$ 15.00	\$ 4,130.00
4	SPECIAL COMPACTION OF SUBGRADE	STA	56	\$ 275.00	\$ 15,400.00
5	PIPE CULVERT, TRENCHED, RCP, 24"	LF	72.0	\$ 80.00	\$ 5,760.00
6	PIPE APRON, RCP, 24"	EA	4	\$ 1,200.00	\$ 4,800.00
7	REMOVAL OF PAVEMENT	SY	11	\$ 10.00	\$ 110.00
8	RECREATION TRAIL, PCC, 6"	SY	394	\$ 38.00	\$ 14,980.00
9	RIP RAP, CLASS E	TON	50	\$ 50.00	\$ 2,500.00
10	SILT FENCE, INSTALLATION	LF	80	\$ 3.00	\$ 240.00
11	RECREATIONAL TRAIL, GRANULAR	TON	1,574	\$ 18.00	\$ 28,340.00
12	CONSTRUCTION SURVEY	LS	1	\$ 7,500.00	\$ 7,500.00
13	REHAB FOR MASONRY CULVERT	LS	1	\$ 30,000.00	\$ 30,000.00
CONSTRUCTION SUB-TOTAL					\$ 161,000.00
				CONTINGENCY (PRE-DESIGN) 20% ±	\$ 32,000.00
CONSTRUCTION TOTAL					\$ 193,000.00



STANDARD PROFESSIONAL SERVICES AGREEMENT (Short Form)

NOW ON THIS ____ day of March, 2015, **Snyder & Associates, Inc.**,
2727 SW Snyder Boulevard., Ankeny, IA 50023 (hereinafter, Professional), and
Polk County Conservation Board, 11407 NW Jester Park Drive, Granger, IA 50109,
(hereinafter, Client) do hereby agree as follows:

1. **PROJECT:** Professional agrees to provide Professional Services (Services) for Client's project known and identified as: GREAT WESTERN TRAIL TO BILL RILEY TRAIL ENGINEERING DESIGN AND CONSTRUCTION PHASE SERVICES
2. **SCOPE AND FEES:** The Scope of and the fees to be paid for said Services are set forth on Exhibit A attached hereto and by this reference made a part of this Agreement. Any Services not shown on Exhibit A shall be considered Additional Services. Additional Services may only be added by written change order, amendment or supplement to this agreement signed by both parties.
3. **TIMELINESS:** Professional will perform its services with reasonable diligence and expediency consistent with sound professional practices and within the time period(s), if any, set forth in Exhibit A.
4. **STANDARD OF CARE:** In providing Services under this Agreement, the Professional shall perform in a manner consistent with that degree of care and skill ordinarily exercised by members of the same professional discipline currently practicing under similar circumstances at the same time and in the same or similar locality. Professional makes no warranty, express or implied, as to its professional services rendered under this Agreement. Client shall promptly report to Professional any defects or suspected defects in the Professional's Services of which Client becomes aware. Withholdings, deductions or offsets shall not be made from the Professional's compensation for any reason unless the professional has been found to be legally liable for such amounts by a court of competent jurisdiction.
5. **INVOICE, PAYMENT, INTEREST, SUSPENSION:** Professional shall prepare invoices in accordance with its standard invoicing practices and submit the invoice(s) to Client on a monthly basis. Client agrees to timely pay each invoice within 30 days of the invoice date. Payments not paid within said 30 days shall accrue interest on unpaid balances at the rate of 1.5% per month (or the maximum rate of interest permitted by law, if less) from said 30th day. In addition, Professional may, after giving 7 days written notice to Client, suspend services under this Agreement until Professional has been paid in full for Services, interest, expenses and other related charges rendered, accrued, advanced and/or incurred by Professional to the date of suspension. Client waives any and all claims against Professional arising out of or resulting from said suspension. Payments will be credited first to interest, then to expenses, then to principal.
6. **RELIANCE:** The Client shall furnish, at its expense, all information, requirements, reports, data, surveys and instructions required by this Agreement and Professional may use such furnished information and material in performing its services and is entitled to rely upon the accuracy and completeness thereof. The Professional shall not be held responsible for any errors or omissions that may arise as a result of erroneous or incomplete information provided by the Client and/or the Client's consultants and contractors.
7. **ASSIGNMENT:** Client shall not transfer, sublet or assign any rights or duties under or interest in this Agreement, without the prior written consent of Professional.
8. **OWNERSHIP OF INSTRUMENTS OF SERVICE:** All reports, drawings, specifications, electronic and hard copy files, field data, notes and other documents and instruments prepared by Professional for the Project are acknowledged to be instruments of service and shall remain the property of the Professional. The Professional shall retain all common law, statutory and other reserved rights, including, without limitation, the copyrights thereto. If Professional agrees to allow transfer of its electronic media file(s), Client understands and agrees that as a condition precedent, it will sign the Professional's "Electronic Media Transfer Agreement" form prior to the transfer of an electronic media file.

ADDITIONAL TERMS AND CONDITIONS

9. **MUTUAL INDEMNIFICATION:** The Professional and the Client mutually agree, to the fullest extent permitted by law, to indemnify and hold each other harmless from any and all damages, liabilities or costs, including reasonable attorneys' fees and defense costs, arising from their own negligent acts, errors or omissions, or willful misconduct in the performance of their services, duties and responsibilities under this Agreement, to the extent that each party is responsible for such damages, liabilities and costs on a comparative basis of fault.
10. **MUTUAL WAIVERS:** Notwithstanding any other provision of this Agreement, and to the fullest extent permitted by law, neither the Client nor the Professional, their respective officers, directors, partners, employees, contractors or subconsultants shall be liable to the other or shall make any claim for any incidental, indirect or consequential damages arising out of or connected in any way to the Project or to this Agreement.
11. **LIMITATION:** In allocating the risks of this Project and notwithstanding any other provision of this Agreement, the Client agrees to limit, to the maximum extent permitted by law, the Professional's liability for the Client's damages to the aggregate sum of the Professional's fee for this Project. This limitation shall apply regardless of the cause of action or legal theory pled or asserted.
12. **DISPUTE RESOLUTION:** Any disputes that arise during the Project or following the completion of the Project will be resolved by representatives from each party who have authority to settle. Those issues not resolved shall be submitted to formal nonbinding mediation prior to submission to a court of competent jurisdiction. Each party shall endeavor to include a similar dispute resolution in all agreements with other consultants, contractors and subcontractors of any tier who are retained for the project so that formal mediation is required as the primary form of dispute resolution.
13. **SEVERABILITY:** If any term or provision of this Agreement is held to be invalid or unenforceable under any applicable statute or rule of law, such holding shall be applied only to the provision so held, and the remainder of this Agreement shall remain in full force and effect.
14. **SURVIVAL:** Notwithstanding completion or termination of this Agreement for any reason, all rights duties and obligations of the parties to this Agreement shall survive such completion or termination and remain in full force and effect until fulfilled.
15. **GOVERNING LAW AND JURISDICTION:** The Client and the Professional agree that this Agreement and any legal actions concerning its validity, interpretation and performance shall be governed by the laws of the State of Iowa, without regard to any conflict of laws provisions, which may apply the laws of other jurisdictions. It is further agreed that any legal action between the Client and the Professional arising out of this Agreement or the performance of the services shall be brought in a court of competent jurisdiction in the State of Iowa.
16. **ATTORNEYS FEES, COSTS:** In the event legal action is necessary to enforce the payment terms of this Agreement, Professional shall be entitled to collect from Client and Client agrees to pay to Professional any judgment or settlement sum(s) due, plus reasonable attorneys' fees, court costs and other expenses incurred by Professional for such collection action and, in addition, the reasonable value of the Professional's time and expenses spent for such collection action, computed according to the Professional's prevailing fee schedule and expense policy.
17. **INCORPORATION BY REFERENCE:** It is understood and agreed that the provisions of the following attached Exhibits are incorporated herein and by this reference made a part of this Agreement:

Exhibit A Scope of Services
Exhibit
Polk County Conservation Board (Client)
 By: _____
 (Authorized agent)

 (Printed or typed signature)

Exhibit
Exhibit
SNYDER & ASSOCIATES, INC. (Professional)
 By: Mark A. Land
 (Authorized agent)
Mark A. Land
 (Printed or typed signature)

Route executed copy to: Mindy Moore

**GREAT WESTERN TRAIL TO BILL RILEY TRAIL CONNECTION
ENGINEERING DESIGN AND CONSTRUCTION PHASE
SCOPE OF SERVICES**

POLK COUNTY, IOWA

TOTAL FEE FOR ALL SERVICES = \$31,400

ENGINEERING DESIGN

1. **Preliminary Design** – We will prepare a preliminary design for the proposed trail, which will accommodate bicycle and pedestrian usage and tie into the existing Great Western Trail at the west end and to the sidewalk on the east end. We will present these plans to Polk County Conservation for review.
2. **Topographic Survey** – We will survey a center line along the route to ensure proper alignment of the trail.
3. **Trail Design** – We will finalize the trail design including alignment, tie-ins to the existing trail and sidewalk, and cross section.
4. **Plan Production** – We will prepare plans suitable for a local letting and provide an updated cost opinion based on final design.
5. **Bidding Assistance** – We will assist with any questions from prospective bidders during the advertising period. Based on the bids received, we will recommend an award of the contract.

Fee for Services.....\$18,300

CONSTRUCTION ADMINISTRATION AND OBSERVATION

A. Construction Administration:

1. **Preconstruction Conference** – We will arrange and conduct a preconstruction conference with the Contractor, County and utility companies to review project requirements and work schedule. We will prepare minutes of the conference and forward them to the County for review and distribution.
2. **Change Orders** – We will negotiate change orders for approval by the County.
3. **Substantial Completion** – We will determine when the project is substantially complete and recommend final payment to the County.
4. **Record Drawings** – Based on field notes and construction plan markups, we will develop a final set of record drawings.

B. Construction Observation:

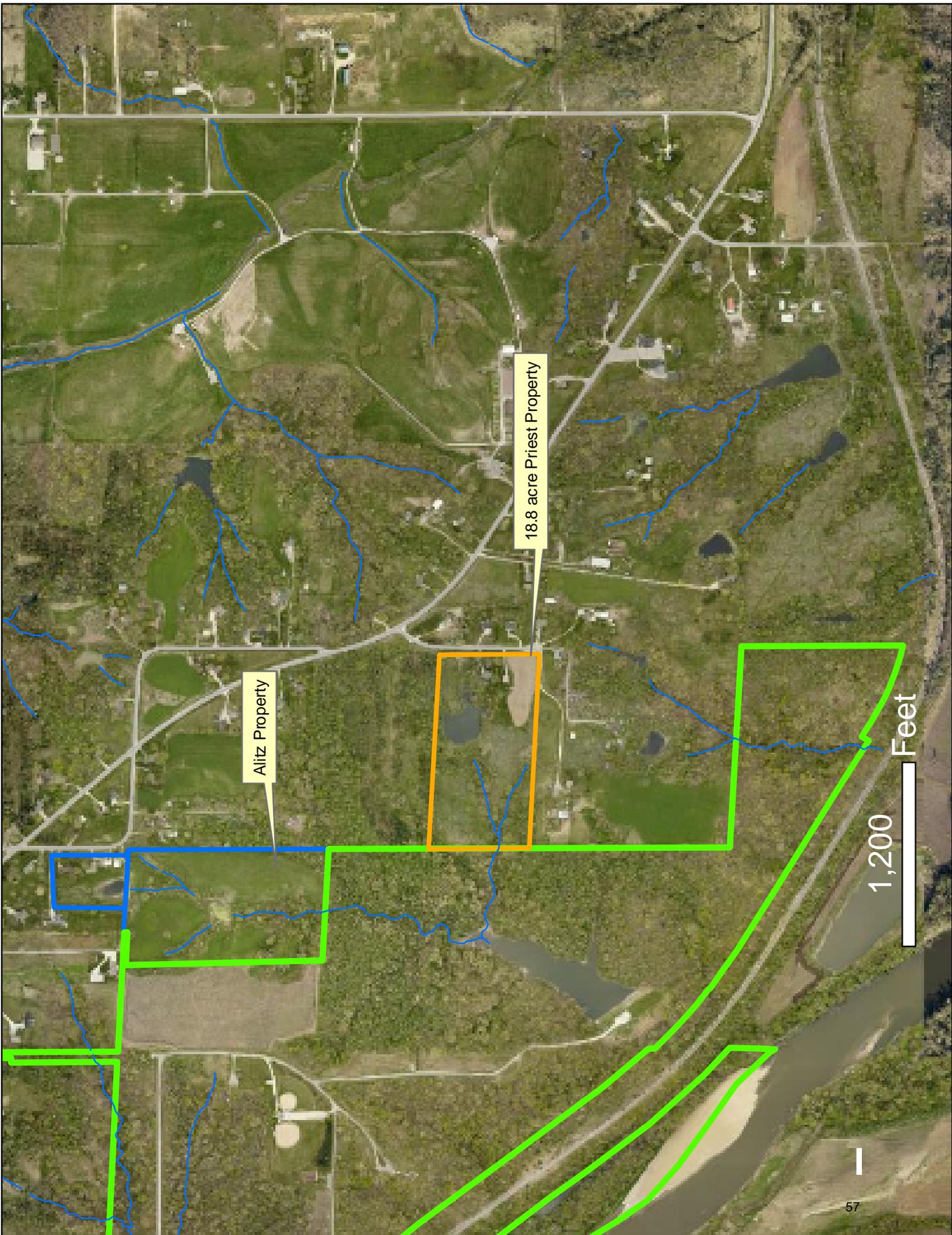
1. **Material Inspection** – We will inspect rock, concrete and culvert materials to ensure they comply with specifications.
2. **Construction Inspection** – We will be on-site for inspection and observation an average of 4 hours per week for an expected construction period of 12 weeks. We will monitor general compliance of the project with plans and specifications.

Fee for Services.....\$8,100

CONSTRUCTION STAKING

Snyder & Associates, Inc. will provide construction staking for this project. The construction staking will include the construction limits, clearing & grubbing limits, proposed storm sewer, trail rough grading (50 foot intervals on curves, 100 foot intervals on tangents), trail finish rock and finish pavement (25 foot intervals on curves, 50 foot intervals on tangents). One set of stakes will be provided for each construction process.

Fee for Services.....\$5,000



Alitz Property

18.8 acre Priest Property

1,200 Feet

2014- 2015 Revenue Budget

- as of 02/28/15 (66.67% of budget year expired)

UNIT #	UNIT	Revenue Budget	Total Revenues Received	Balance Due	% Received
General - Fund 1					
0212	Infrastructure	\$ -	\$ -	\$ -	0.0%
0213	Equipment	\$ 5,000	\$ 13,108	\$ (8,108)	262.2%
6006	Environmental Ed	\$ 62,500	\$ 12,845	\$ 49,655	20.6%
6009	Natural Resources	\$ 81,710	\$ 27,129	\$ 54,581	33.2%
6101	Administration	\$ 180,600	\$ 90,511	\$ 90,089	50.1%
6103	Community Outreach	\$ 250	\$ 250	\$ -	0.0%
6104	Conservation Grants	\$ -	\$ 10,000	\$ (10,000)	0.0%
6110	Parks Advocacy Unit	\$ 410,800	\$ 252,079	\$ 158,721	61.4%
6119	Construction/Maint.	\$ -	\$ 99	\$ (99)	0.0%
6124	Equestrian Center	\$ 315,000	\$ 151,639	\$ 163,361	48.1%
Sub-Total - General Fund 1		\$ 1,055,860	\$ 557,661	\$ 498,199	52.8%
REAP - Fund 26					
0211	Resource Enhancement	\$ 156,400	\$ 184,050	\$ (27,650)	117.7%
Reserve - Fund 50					
0210-0214	Special Projects	\$ -	\$ -	\$ -	0.0%
Bond - Fund 51					
0210	Water & Land Dev & Trails	\$ 2,812,300	\$ 1,619,347	\$ 1,192,953	57.6%
Conservation Enterprises - Fund 286					
6121	Golf Course	\$ 214,400	\$ 164,909	\$ 49,491	76.9%
6123	JP Cabins	\$ -	\$ 49,670	\$ (49,670)	#DIV/0!
Sub-Total - Enterprises Fund 286		\$ 214,400	\$ 214,579	\$ (179)	100.1%
Grand Total - Conservation		\$ 4,238,960	\$ 2,575,637	\$ 1,663,323	60.8%

2014- 2015 Expense Budget

- as of 02/28/15 (66.67% of budget year expired)

UNIT #	UNIT	Expense Budget	Total Expended	Balance Remaining	% Expended
General - Fund 1					
0212	Infrastructure	\$ -	\$ -	\$ -	#DIV/0!
0213	Equipment	\$ 158,500	\$ 161,650	\$ (3,150)	102.0%
6006	Environmental Ed	\$ 383,905	\$ 263,773	\$ 120,132	68.7%
6009	Natural Resources	\$ 666,102	\$ 440,987	\$ 225,115	66.2%
6101	Administration	\$ 1,069,439	\$ 738,467	\$ 330,972	69.1%
6103	Community Outreach	\$ 215,955	\$ 136,353	\$ 79,602	63.1%
6104	Conservation Grants	\$ -	\$ 51,012	\$ (51,012)	#DIV/0!
6110	Parks Advocacy Unit	\$ 465,610	\$ 275,264	\$ 190,346	59.1%
6119	Construction/Maint.	\$ 1,118,674	\$ 802,528	\$ 316,146	71.7%
6124	Equestrian Center	\$ 416,851	\$ 417,263	\$ (412)	100.1%
Sub-Total - General Fund 1		\$ 4,495,036	\$ 3,287,297	\$ 1,207,739	73.1%
General Supplemental - Fund 2					
All Units	Benefits (IPERS/FICA/Ins, Etc.)	\$ 1,019,911	\$ 651,414	\$ 368,497	63.9%
Risk Management - Fund 3					
6100	Insurance, Med., Work. Comp.	\$ 96,300	\$ 77,630	\$ 18,670	80.6%
REAP - Fund 26					
0211	Resource Enhancement	\$ 147,856	\$ 132,483	\$ 15,373	89.6%
Reserve - Fund 50					
0210-0214	Trails, Special Projects	\$ 490,000	\$ 25,942	\$ 464,058	5.3%
Bond - Fund 51					
0210	Water & Land Dev & Trails	\$ 4,110,678	\$ 4,796,392	\$ (685,714)	116.7%
Conservation Enterprises - Fund 286					
6121	Golf Course	\$ 292,000	\$ 91,769	\$ 200,231	31.4%
6123	JP Cabins	\$ -	\$ 30,883	\$ (30,883)	#DIV/0!
Sub-Total - Enterprises Fund 286		\$ 292,000	\$ 122,651	\$ 169,349	42.0%
Grand Total - Conservation		\$ 10,651,781	\$ 9,093,810	\$ 1,557,971	85.4%

PCWLL EXPENDITURES AS OF :

February 28, 2015

SUB-LEDGER	PROJECT	DECEMBER 2013 BOND ISSUANCE	JUNE 2015 BOND ISSUANCE	CONSTRUCTION COSTS CONTRACTED	ENGINEERING COSTS CONTRACTED	ACTUAL CONSTRUCTION EXPENDITURES	ACTUAL ENGINEERING EXPENDITURES	ACTUAL MISCELLANEOUS EXPENDITURES	ACTUAL GRANT REVENUES AND DONATIONS	ACTUAL COSTS TO DATE	ACTUAL BALANCE REMAINING
C05-R003	GAY LEA WILSON TRAIL CONNECTION (DSM-ANKENY)	\$ 50,600		\$ 787,580	\$ 254,644	\$ 760,105	\$ 77,032	\$ -	\$ (787,462)	\$ 49,676	\$ 924
C06-6134	CBG SHAW ACQUISITION	\$ 430,915		\$ -	\$ -	\$ -	\$ -	\$ 691,636	\$ (258,860)	\$ 432,776	\$ (1,861)
C08-6142	JESTER PARK CABINS	\$ 687,894		\$ -	\$ -	\$ 687,759	\$ -	\$ -	\$ -	\$ 687,759	\$ 135
C11-6205	CVT CONNECTOR-BROADWAY TO BONDURANT	\$ 36,818	\$ 1,300,000	\$ 1,935,769	\$ 174,091	\$ 1,499,767	\$ 118,843	\$ 209	\$ (757,671)	\$ 861,149	\$ 475,669
C12-6213	CBG WELL REPLACEMENT	\$ 73,859		\$ 71,746	\$ -	\$ 71,746	\$ 150	\$ 1,963	\$ -	\$ 73,859	\$ 0
C12-6214	CBG OBSERVATION DECK	\$ 83,844		\$ -	\$ 11,200	\$ 74,585	\$ 11,200	\$ -	\$ -	\$ 85,785	\$ (1,941)
C12-6218	JP EQUIPMENT MAINTENANCE BLDG RELOCATION	\$ 450,000		\$ -	\$ -	\$ 405,036	\$ -	\$ -	\$ -	\$ 405,036	\$ 44,964
C12-6219	EC IMPROVEMENTS	\$ 10,671		\$ -	\$ -	\$ 9,553	\$ 1,118	\$ -	\$ -	\$ 10,671	\$ 0
C12-6220	4-MILE CREEK BANK STABILIZATION	\$ 340,725		\$ -	\$ 22,500	\$ -	\$ 20,309	\$ -	\$ -	\$ 20,309	\$ 320,416
C12-6221	JP CONSERVATION CENTER	\$ 2,404,200		\$ -	\$ 1,320,722	\$ -	\$ 616,245	\$ 4,099	\$ (370,087)	\$ 250,257	\$ 2,153,943
C12-6222	CBG MASTER PLAN	\$ 106,000		\$ -	\$ 98,368	\$ -	\$ 87,000	\$ -	\$ -	\$ 87,000	\$ 19,000
C12-6223	ACKELSON TRAIL PHASE I (fkn EL Trail Phase I)	\$ 1,100,532		\$ 903,781	\$ 176,108	\$ 903,781	\$ 176,108	\$ 3,762	\$ -	\$ 1,083,651	\$ 16,881
C12-6224	ACKELSON TRAIL PHASE II (fka EL Trail Phase II)	\$ 141,013		\$ 1,043,238	\$ 205,658	\$ 865,091	\$ 216,221	\$ -	\$ (532,000)	\$ 549,312	\$ (408,299)
C12-6225	ACKELSON TRAIL PHASE III (fka EL Trail Phase III)	\$ -		\$ -	\$ 159,534	\$ -	\$ 16,976	\$ -	\$ -	\$ 16,976	\$ (16,976)
C12-6226	FDM POND IMPROVEMENTS & SEDIMENT BASIN	\$ 854,903		\$ 723,989	\$ 132,209	\$ 720,869	\$ 136,036	\$ 21,913	\$ (200,000)	\$ 678,818	\$ 176,085
C12-6227	FDM PARK IMPR-SHELTER/TRAILS/PENINSULA	\$ 81,179		\$ -	\$ 59,245	\$ -	\$ 58,307	\$ 3,340	\$ -	\$ 61,647	\$ 19,532
C12-6228	JP PARK IMPROVEMENTS-CAMP AREA #2 ELECTRIC	\$ 410,000		\$ 336,945	\$ 29,200	\$ 336,945	\$ 28,800	\$ 15,516	\$ -	\$ 381,261	\$ 28,739
C12-6229	HTT CONNECTOR TO GLW (fka Neal Smith)	\$ 9,800		\$ -	\$ 9,800	\$ -	\$ 9,800	\$ -	\$ -	\$ 9,800	\$ -
C12-6230	TM CAMP CREEK STABILIZATION	\$ 1,097,465		\$ 876,665	\$ 194,600	\$ 805,743	\$ 194,600	\$ 113	\$ -	\$ 1,000,456	\$ 97,009
C12-6231	TM PARK IMPROVEMENTS& SHOWER HOUSE	\$ 119,000		\$ -	\$ 57,630	\$ -	\$ 57,553	\$ 226	\$ (1,205)	\$ 56,574	\$ 62,426
C12-6232	YB PARK IMPROVEMENTS	\$ 87,000		\$ -	\$ 173,450	\$ -	\$ 40,404	\$ 113	\$ -	\$ 40,518	\$ 46,482
C12-6233	TRAIL IMPROVEMENTS ALL AREAS	\$ 100,000		\$ -	\$ 12,000	\$ 11,225	\$ 12,000	\$ 3	\$ -	\$ 23,228	\$ 76,772
C12-6234	JP ENTRANCE RELOCATION	\$ 586,000		\$ 279,839	\$ 73,050	\$ 279,839	\$ 69,743	\$ 3,186	\$ -	\$ 352,768	\$ 233,232
C12-6235	CBG WOOSLEY PROPERTY-NO SALE	\$ 1,200		\$ -	\$ -	\$ -	\$ -	\$ 1,200	\$ -	\$ 1,200	\$ -
C12-6236	CBG MENDENHALL ACQUISITION	\$ 676,267		\$ -	\$ -	\$ -	\$ -	\$ 679,667	\$ -	\$ 679,667	\$ (3,400)
C12-6237	CXT VAULT TOILETS	\$ 75,000		\$ -	\$ -	\$ -	\$ -	\$ 64,133	\$ -	\$ 64,133	\$ 10,867
C12-6238	CBG WETLANDS DESIGN	\$ 104,476		\$ -	\$ 86,476	\$ -	\$ 67,221	\$ -	\$ -	\$ 67,221	\$ 37,255
C12-6239	YB DAM REPAIRS	\$ 797,000		\$ 775,964	\$ 112,525	\$ 775,964	\$ 112,507	\$ 9,626	\$ -	\$ 898,097	\$ (101,097)
C12-6240	BEAVER CREEK LAND ACQUISITION	\$ 93,469		\$ -	\$ -	\$ -	\$ 457	\$ 93,012	\$ -	\$ 93,469	\$ 0
C12-6242	ROAD & PARKING LOT RESURFACING ALL AREAS	\$ 200,000		\$ -	\$ -	\$ 200,237	\$ -	\$ -	\$ -	\$ 200,237	\$ (237)
C12-6243	CAMP CREEK-MILLER/RIST LAND ACQUISITION	\$ 342,197		\$ -	\$ -	\$ -	\$ -	\$ 342,197	\$ -	\$ 342,197	\$ -
C12-6244	CBG AIRPORT 16 ACQUISITION	\$ 75,588		\$ -	\$ -	\$ -	\$ -	\$ 75,588	\$ -	\$ 75,588	\$ -
C12-6245	YB ALITZ PROPERTY ACQUISITION	\$ 298,950		\$ -	\$ -	\$ -	\$ -	\$ 298,950	\$ -	\$ 298,950	\$ 0
C12-6246	CBG FREELAND LAND ACQUISITION	\$ 204,437		\$ -	\$ -	\$ -	\$ -	\$ 204,437	\$ -	\$ 204,437	\$ -
C12-6247	CBG AIRPORT 60 LAND ACQUISITION	\$ 238,687		\$ -	\$ -	\$ -	\$ -	\$ 242,087	\$ -	\$ 242,087	\$ (3,400)

**PCWLL EXPENDITURES AS OF :
February 28, 2015**

SUB- LEDGER PROJECT	DECEMBER 2013 BOND ISSUANCE	JUNE 2015 BOND ISSUANCE	CONSTRUCTION COSTS CONTRACTED	ENGINEERING COSTS CONTRACTED	ACTUAL CONSTRUCTION EXPENDITURES	ACTUAL ENGINEERING EXPENDITURES	ACTUAL MISCELLANEOUS EXPENDITURES	GRANT REVENUES AND DONATIONS	ACTUAL COSTS TO DATE	ACTUAL BALANCE REMAINING
C12-6248 CBG EVERLY PROPERTY-NO SALE APPRAISAL ONLY	\$ 1,200		\$ -	\$ -	\$ -	\$ -	\$ 1,200	\$ -	\$ 1,200	\$ -
C12-6249 BROWN'S WOODS TRAILHEAD IMPROVEMENTS	\$ 90,700		\$ 48,320	\$ 5,000	\$ 38,678	\$ 5,000	\$ 136	\$ -	\$ 43,814	\$ 46,886
C12-6250 YB PREIST PROPERTY ACQUISITION	\$ 1,500		\$ -	\$ -	\$ -	\$ -	\$ 8,750	\$ -	\$ 8,750	\$ (7,250)
C12-9999 MISC MINOR IMPROVEMENTS	\$ 78,633		\$ -	\$ -	\$ -	\$ 20,150	\$ 43	\$ -	\$ 20,193	\$ 58,440
C12-9999 CONSTRUCTION EQUIPMENT & SUPPLIES	\$ 291,367		\$ -	\$ -	\$ -	\$ -	\$ 291,367	\$ -	\$ 291,367	\$ 0
C13-6251 OVERALL PROGRAM MANAGEMENT	\$ 40,000		\$ -	\$ 47,000	\$ -	\$ 37,705	\$ -	\$ -	\$ 37,705	\$ 2,295
C13-6252 EL LODGE CONSTRUCTION	\$ 35,000		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,000
C13-6253 TM ACCESSIBLE TRAIL AROUND POND	\$ 175,000		\$ 90,357	\$ -	\$ 94,351	\$ -	\$ 70,803	\$ -	\$ 165,154	\$ 9,846
C13-6254 TM OVERLIN PROPERTY ACQUISITION	\$ 74,257		\$ -	\$ -	\$ -	\$ -	\$ 74,257	\$ -	\$ 74,257	\$ -
C13-6255 MALLY'S STREAMBANK STABILIZATION	\$ -		\$ -	\$ -	\$ -	\$ 400	\$ -	\$ -	\$ 400	\$ (400)
C13-6256 PCWLL PUBLIC AWARENESS	\$ -		\$ -	\$ -	\$ -	\$ -	\$ 2,534	\$ -	\$ 2,534	\$ (2,534)
C13-6258 NATURAL AREA RESTORATIONS	\$ 20,000		\$ -	\$ -	\$ -	\$ -	\$ 8,481	\$ -	\$ 8,481	\$ 11,519
C13-6259 JP CAMP STORE	\$ -		\$ -	\$ 4,250	\$ -	\$ 4,200	\$ -	\$ -	\$ 4,200	\$ (4,200)
C13-6261 ANKENY HTT EXTENSION TO DSM	\$ 28,566	\$ 900,000	\$ -	\$ -	\$ -	\$ -	\$ 3,073,564	\$ (1,382,500)	\$ 1,691,064	\$ (762,498)
C13-6262 EL J.C. WHITE PROPERTY	\$ 187,685		\$ -	\$ -	\$ -	\$ -	\$ 279,895	\$ (92,209)	\$ 187,685	\$ (0)
C13-6263 MALLY'S CVT & GLW TRAIL CONNECTOR	\$ -		\$ -	\$ -	\$ -	\$ 1,100	\$ -	\$ -	\$ 1,100	\$ (1,100)
C13-6265 YB BANE PROPERTY	\$ 238,325		\$ -	\$ -	\$ -	\$ -	\$ 238,325	\$ -	\$ 238,325	\$ -
C14-6268 EL DIKES/DREDGING/WATER QUALITY	\$ 25,000		\$ -	\$ 753,800	\$ -	\$ 293,920	\$ 2,458	\$ -	\$ 296,378	\$ (271,378)
C14-6269 FDM OUTDOOR CLASSROOM	\$ 11,201		\$ -	\$ 7,908	\$ -	\$ -	\$ 7,600	\$ -	\$ 7,600	\$ 3,601
C14-6270 EL COVERED BRIDGE IMPROVEMENTS	\$ 40,000		\$ 57,220	\$ -	\$ 56,920	\$ -	\$ 3,350	\$ -	\$ 60,270	\$ (20,270)
C14-6271 CBG KAL-DEN FARMS PROPERTY	\$ 143,950	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 143,590	\$ -	\$ 143,590	\$ 360
C14-6272 EL RAIN GARDENS	\$ 10,000		\$ -	\$ -	\$ -	\$ -	\$ 10,386	\$ -	\$ 10,386	\$ (386)
14-6274 CONSERVATION CORPS	\$ -		\$ 201,600	\$ -	\$ -	\$ -	\$ 298	\$ -	\$ 298	\$ (298)
LAND ACQUISITIONS	\$ 73,807		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 73,807
UP ANKENY-HTT CONNECTOR-ACQUISITION	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
GLW TRAIL CONNECTION TO MALLY'S	\$ 33,800		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,800
	\$ 13,969,680	\$ 2,200,000	\$ 8,133,012	\$ 4,180,968	\$ 8,598,194	\$ 2,491,104	\$ 6,974,013	\$ (4,381,993)	\$ 13,681,318	\$ 2,488,362