

**IOWA DEPARTMENT OF NATURAL RESOURCES
NATURAL RESOURCE COMMISSION**

Meeting Date: Thursday, December 8, 2011
Meeting Location: Wallace Bldg – 4th Floor Conference Rooms
502 E. 9th Street, Des Moines, IA

<p>MEETING AGENDA Meeting convenes at 9:30 am Public Participation begins at approximately 10:00am Lunch Presentation, Rifle Deer Hunting, at approximately 12:00pm</p>
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1.	Approval of Agenda Consent Agenda (<i>*within agenda indicates proposed consent agenda item</i>) *5 Pheasants Forever Farm Bill Biologist Agreement *15 Contract with Texas Veterinary Medical Diagnostic Laboratory	Decision	Commission
2.	Approve Minutes of 11/10/11 NRC Public Meeting	Decision	Commission
3.	Director Remarks	Information	Director
4.	Honey Creek Resort State Park Update	Information	Chuck Corell
*5.	Pheasants Forever Farm Bill Biologist Agreement	Decision	Dale Garner
6.	Contract with Des Moines Area Community College (DMACC) to Dredge DMACC Lake	Decision	Joe Larscheid
7.	Contract with Polk County Conservation Board and City of Des Moines for an Easter Lake Improvement Project	Decision	Joe Larscheid
8.	Contract with Ducks Unlimited, Inc. for Construction Management Services at Storm Lake	Decision	Joe Larscheid
9.	Construction Projects		
9.1	Rathbun Fish Hatchery, Refurbish Start Tanks	Decision	Gabe Lee
9.2	Lake Geode, Watershed Structures	Decision	Gabe Lee
9.3	Prairie Rose State Park, Shoreline Stabilization	Decision	Gabe Lee
9.4	Prairie Rose State Park, Fish Habitat and Jetties	Decision	Gabe Lee
9.5	Prairie Rose State Park, Mechanical Dredging SE Wetland	Decision	Gabe Lee
9.6	Ambrose A. Call State Park, Water System Replacement	Decision	Gabe Lee
9.7	Viking Lake State Park, Hail Damage Repairs	Decision	Gabe Lee
10.	Construction Projects - Change Orders		
10.1	Honey Creek Resort, OEI Demonstration Project - DesJardins Renewal Energy Project	Decision	Gabe Lee
10.2	Mini Wakan State Park, Historic Lodge Restoration	Decision	Gabe Lee
11.	Professional Services – Change Orders		
11.1	Lake Keomah State Park, Sanitary Sewer Rehabilitation Project	Decision	Gabe Lee
12.	Small Construction Project Contracts	Information	Gabe Lee

For details on the NRC meeting schedule, visit:
<http://www.iowadnr.gov/InsideDNR/BoardsCommissions/NaturalResourceCommission.aspx>

Comments during the public participation period regarding proposed rules or notices of intended action are not included in the official comments for that rule package unless they are submitted as required in the Notice of Intended Action.

13.	Land Acquisition Projects		
13.1	Twelve Mile Lake – Emmet Co. – Petersen	Decision	Travis Baker
13.2	Bob Pyle Marsh WMA – Story Co. – Kammin Estate	Decision	Travis Baker
13.3	Kyle WMA – Butler Co. – Kyle Estate	Decision	Travis Baker
14.	Land Management Projects		
14.1	Eveland Access – Mahaska County – Mahaska County Conservation Board	Decision	Travis Baker
14.2	Triboji Beach – Ch. 18 Lease – Dickinson Co. -- Lorch	Decision	Travis Baker
14.3	Triboji Beach – Ch. 18 Lease – Dickinson Co. – Christensen	Decision	Travis Baker
*15.	Contract with Texas Veterinary Medical Diagnostic Laboratory	Decision	Dale Garner
16.	NRC Annual Report to the Governor	Decision	Commission
17.	General Discussion		
Upcoming NRC Meeting Dates:			
<ul style="list-style-type: none"> • January 17, 2012 - Henry Wallace State Office Building, Des Moines, 1:00pm • February 9, 2012 - Henry Wallace State Office Building, Des Moines, 9:30am 			

For details on the NRC meeting schedule, visit:

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Iowa Department of Natural Resources
Natural Resource Commission

ITEM:

*5

DECISION

*indicates proposed consent

TOPIC: Pheasants Forever Farm Bill Biologist Agreement

The Department requests Commission approval of a one year agreement with Pheasants Forever to fund twelve Farm Bill Biologists to work one-on-one with landowners to deliver wildlife technical and financial assistance.

The contract period would be from December 9, 2011 – December 31, 2012. The total amount of the contract shall not exceed \$50,000. The funding source of the contract is the Fish and Wildlife Trust Fund. Pheasants Forever will fund the remaining cost of the twelve Farm Bill biologists, which is estimated at \$730,000.

The Department has partnered with Pheasants Forever in the Reload Iowa Farm Bill biologists program for the past two years with the goal of expanding technical assistance to landowners. The Farm Bill biologists and DNR Wildlife Bureau Private Lands Program staff coordinate efforts to present a cooperative program to the public.

Dale Garner, Wildlife Bureau Chief
Conservation and Recreation Division
December 8, 2011

Iowa Department of Natural Resources
Natural Resource Commission

ITEM

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DECISION

TOPIC

Contract with Des Moines Area Community College (DMACC) to dredge DMACC Lake

Commission approval is requested to approve contracting service with Des Moines Area Community College (DMACC) to dredge DMACC Lake. The purpose is to improve urban fishing opportunities in the Des Moines metro area. This is the first effort with a Des Moines metro entity and it will be used as a demonstration project for outreach efforts to encourage other metro partners in assisting the Fisheries Bureau in its urban fishing program.

The agreement requires DMACC to match at least 25% of dredging costs, obtain permits, design and dredge 52,000 cubic yards of material from DMACC Lake. DNR commitment is to provide financial assistance in an amount not to exceed 75% of dredging contract amount or \$100,000, whichever is less, based on fiscal year 2012 funding. If available the DNR will award an additional \$100,000 in funding in fiscal year 2013, in an amount not to exceed 75% of total dredging contract amount or not to exceed \$200,000, whichever is less.

The DMACC Lake has 14 surface acres and is located on the DMACC campus in Ankeny. The lake has high visibility; it is used in the WHO radio Van and Bonnie show in promoting Free Fishing Weekend and has been used as a site for the Fisheries Bureau urban trout program. In 2008 the DMACC Lake Committee was successful in securing a \$500,000 Watershed Improvement Review Board grant to make critical watershed improvements on DMACC property. In addition, Prairie Trails and the City of Ankeny plan to incorporate innovative storm water management practices into future watershed developments. The final step in completing this urban watershed/lake renovation is dredging accumulated sediment from the lake basin. Accumulated sediment has and is negatively impacting lake's water quality, fish habitat and the quality of the sport fishery. The contract schedule is for DMACC to advertise for request for proposals in early 2012, obtain necessary permits during the winter of 2011-2012 and a let a dredging contract in the spring of 2012. The proposed schedule anticipates a winter 2012/2013 completion date.

Joe Larscheid, Fisheries Bureau Chief
Conservation and Recreation Division
December 8, 2011

**Iowa Department of Natural Resources
Natural Resource Commission**

ITEM

7

DECISION

TOPIC

Contract with Polk County Conservation Board and City of Des Moines for an Easter Lake Improvement Project

Commission approval is requested for a three year Cooperative Agreement with the Polk County (Iowa) Conservation Board (Polk CCB) of the City of Des Moines, Iowa (the City). The contract will begin on February 13, 2012 and terminate on February 13, 2015. The total amount of this contract shall not exceed \$60,000. DNR's contribution for work performed according to the terms of this Cooperative Agreement shall not exceed \$40,000. Payment by Polk CCB to DNR for work performed according to the terms of this Cooperative Agreement shall not exceed \$10,000. Payment by the City to DNR for work performed according to the terms of this Cooperative Agreement shall not exceed \$10,000. DNR shall have the option to renew this contract as long as this contract and any extensions do not exceed a six-year period.

This contract will be funded through a program established under Iowa Code §456A.33B, Lake Restoration Plan and Report, known as the State Lake Restoration Program.

Water quality in Easter Lake (Polk County, Iowa) is poor. The lake has shrunk from its original size in both surface area and volume; it is almost 48 acres smaller than when it was built and the lake volume is 24% less. Dirt and other sediment washing in from the watershed have filled the lake. Excess nutrients, specifically phosphorous have washed in, too. The sediment and nutrients have resulted in frequent algae blooms and low water clarity. Elevated bacteria levels in the lake have resulted in swimming advisories for Easter Lake. The lake also has some undesirable fish species (carp and shad) and has a stunted panfish population. Easter Lake is considered impaired by the Iowa DNR and United States Environmental Protection Agency (EPA).

Pursuant to this Cooperative Agreement, a community-based planning approach will be used to help local residents and stakeholders develop a restoration plan for Easter Lake. This approach helps develop a common vision, identify and prioritize concerns and come up with appropriate steps to address problems.

The purposes of the DNR, Polk CCB and the City (Party Members) in entering into this Cooperative Agreement are: to define how the Party Members will work in cooperation with the Technical Advisory Team and local Steering Committee for the purpose of developing a Water Quality Management Plan (WQ Plan) for Easter Lake; and to provide a mechanism through which Polk CCB and the City will reimburse the DNR for a portion of the costs associated with the development of the WQ Plan, including those costs of retaining a consulting firm to assist in the process of developing the WQ Plan. The Party Members' ultimate goal is to use the WQ Plan as a guidance document for future cooperative lake and watershed restoration and protection efforts at Easter Lake in Polk County, Iowa.

Joe Larscheid, Chief, Fisheries Bureau
Conservation and Recreation Division
December 8, 2011

**Iowa Department of Natural Resources
Natural Resource Commission**

ITEM

8

DECISION

TOPIC

Contract with Ducks Unlimited, Inc. for Construction Management Services at Storm Lake

Commission approval is requested to execute a contract amendment with Ducks Unlimited, Inc. (DU) for Engineering Services at Storm Lake, Buena Vista County, Iowa. The total amount of this contract amendment shall not exceed \$65,000. This contract will be funded through the Lakes Restoration Program established under Iowa Code Section 456A.33B.

The DNR initially requested that DU provide a feasibility study, conceptual designs and final design/construction plans for construction of a fish barrier structure and water control structure between Little Storm Lake and Storm Lake for the purposes of renovation and rehabilitation. The DNR also entered into a contract amendment that allowed DU to provide assistance to the DNR in project bidding, construction administration, project inspection and construction staking, quantity calculations, and development of as-built plans.

This project includes a fish barrier and water control structure between Little Storm Lake and Storm Lake and the construction of a pumping station and associated equipment. Future management involves periodic dewatering of Little Storm Lake during years of favorable climatological conditions. Construction of the fish barrier would aid restoration efforts by preventing rough fish from destroying the vegetation and would decrease recruitment of rough fish by limiting their spawning area. To obtain the greatest chance for success for water quality improvement, the local community and DNR would like to renovate Little Storm Lake through periodic water level drawdown and, if needed, chemical fish renovation. This drawdown will consolidate bottom sediments, improve aquatic vegetation growth, eliminate common carp and other undesirable fish species, and ultimately improve water quality in these areas; the barrier system will prevent reintroduction of undesirable fish species.

The purpose of DNR entering into this contract amendment is to continue the retainer of DU so that they can provide additional assistance to the DNR in project bidding, construction administration, project inspection and construction staking, quantity calculations, and development of as-built plans. Due to the below highlighted site conditions there were unanticipated delays to the project and therefore the need to have DU on-site more extensively than first estimated. The DNR requires additional assistance to complete this project.

Summary of Construction: Through a competitive bidding process Lessard Contracting from Sioux City was awarded the construction contract and construction began on January 28, 2011. The construction contract is being administered by the DNR.

Construction began with the contractor pushing the snow and cattails off of the serpentine sediment basin footprint. They then waited 2 weeks for the frost to penetrate prior to beginning work. However, within the first day the off road trucks were breaking through the frost and were unable to function. The contractor decided to continue to excavate and just pile the material in hopes the frost would deepen and the trucks could run. Since hauling the material was no longer an option and even the frost support for an excavator was diminishing a decision was made to just complete the serpentine channel excavation and stockpile the material between the bends.

Once the channel work was completed the contractor started on a haul road from the borrow sight to the dike. This area was a little higher and there was enough frost to support the off road trucks. Unfortunately, that only lasted about 2 days before they were once again breaking through. Work was postponed; and then the spring rains began. Work has been suspended since mid March of 2011. The hope was that a dry fall would allow construction to resume again and that did happen during the week of November 14th, 2011. Current conditions are very favorable for this project to proceed.

The contractor plans to start building the dike on the north end and work the east/west section to completion then turn south and continue dike construction. Once the dike work is completed and to grade the contractor will begin installation of the control structures, fish barrier and the pump components. Even with the dike work completed in the winter months it is likely that the dike will have to set for an extended period of time to allow settlement prior to the structures being installed. This will ensure that the structures will remain at their designed elevations. We anticipate that construction will be completed by January 31, 2013.

Joe Larscheid, Fisheries Bureau Chief
Conservation and Recreation Division
December 8, 2011

Iowa Department of Natural Resources
Natural Resource Commission

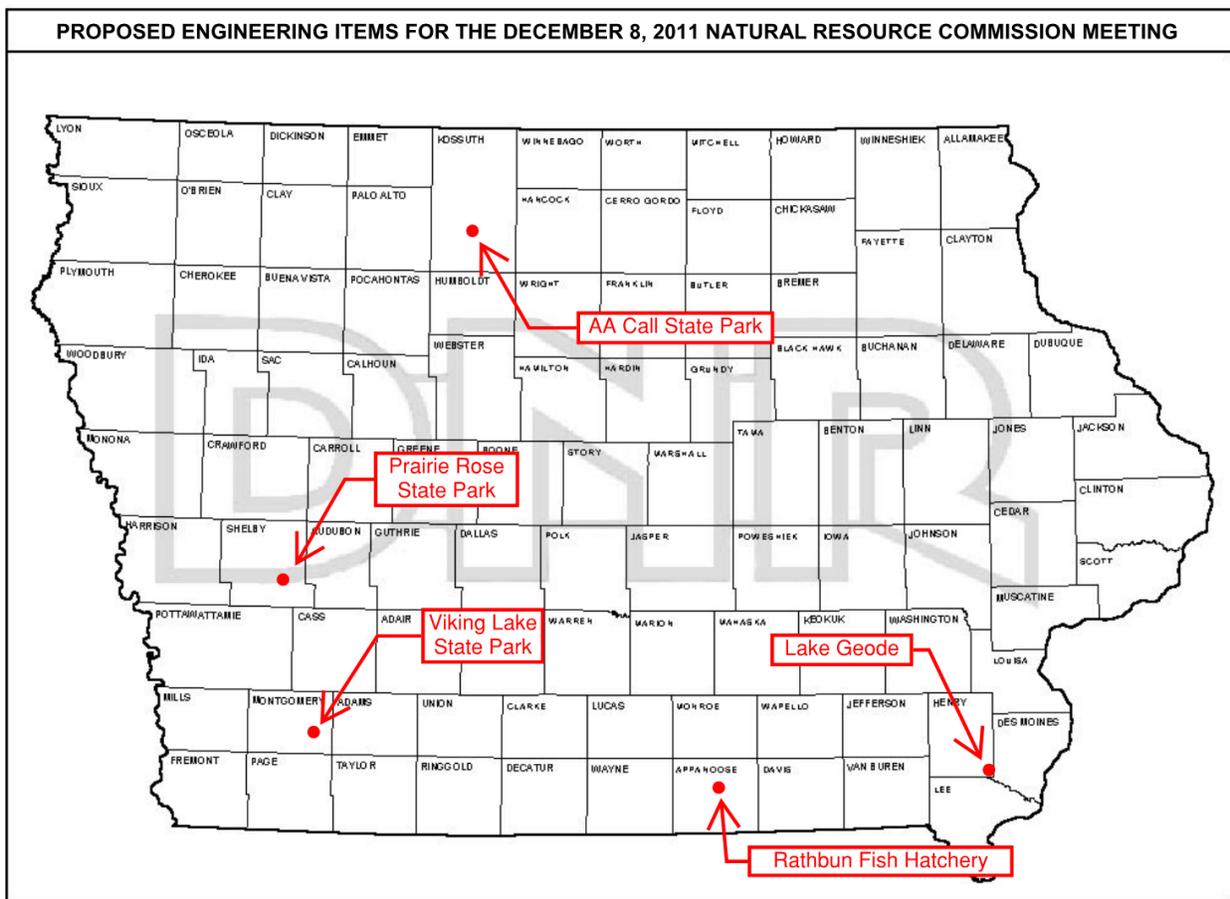
ITEM:

9

DECISION

TOPIC: Construction Projects

The Department requests Commission approval of the following construction projects:



**1 Appanoose County -- Project # 09-05-04-03,
Rathbun Fish Hatchery, Refurbish Start Tanks**

Project Summary: The concrete start tanks within the main hatchery building are in need of repair. The concrete surface has spalled. The existing steel guide slots for the separation screens are corroded to the point where screen insertion is difficult.

Function of the Project: The existing tanks will be repaired by building a “tank inside a tank”. Fiberglass tanks will be built inside of each existing tank. Screen guide slots will be built into the new tank wall.

Construction Needed: Existing tanks will be wet sandblasted clean of all paint and weak surface concrete. Then new screen guide slots will be built onto the concrete walls. Successive layers of fiberglass mat and resin will then be applied to all surfaces of the tank. The existing screens will be modified to be used in the new tanks.

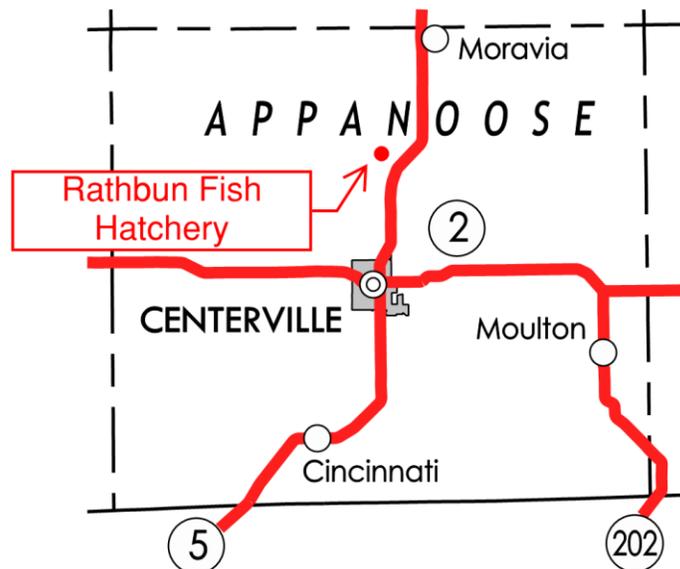
DNR Project Manager: Mike Broderick, PE; Engineering Bureau
Designer: Mike Broderick, PE; Engineering Bureau
DNR Inspector: Jason Kruse, PE; Engineering Bureau
Operating Bureau: Fisheries
Funding Source: 100% F&W Trust - Fisheries (FY12 Cap Link 36)
Cost Estimate: \$150,000.00

Plans Issue Date: 10/26/11
Bid Letting Date: 11/17/11
Plan Holders: 5
Number of Bids Received: 4

Bidders

CL Carroll Company, Inc.	Des Moines, IA	\$190,000.00
TMI Coatings, Inc.	St. Paul, MN	\$279,450.00
Vector Construction, Inc.	Cedar Rapids, IA	\$379,070.00
Superior Industrial Maintenance Company	Concord, NC	\$987,609.00

IDNR recommends awarding the bid to CL Carroll Company Inc.



2 Henry County -- Project # 12-06-44-01 Lake Geode, Watershed Structures

Project Summary: This project consists of the construction of several earthfill sediment structures near Lake Geode State Park, and incidental work as required by the Plans and/or the DNR Construction Inspector.

Function of the Project: This project will provide several siltation structures within the watershed of Lake Geode, intercepting and storing silt from crop fields around portions of the lake.

Construction Needed: Construct several compacted earth filled silt storage basins to improve water quality of runoff into Lake Geode.

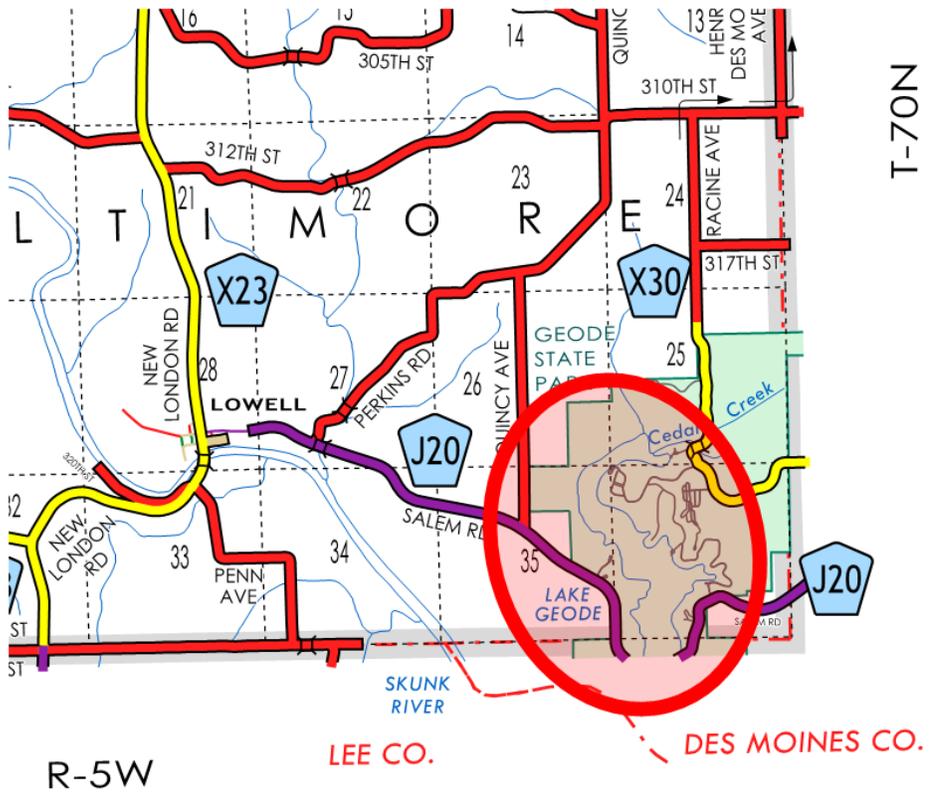
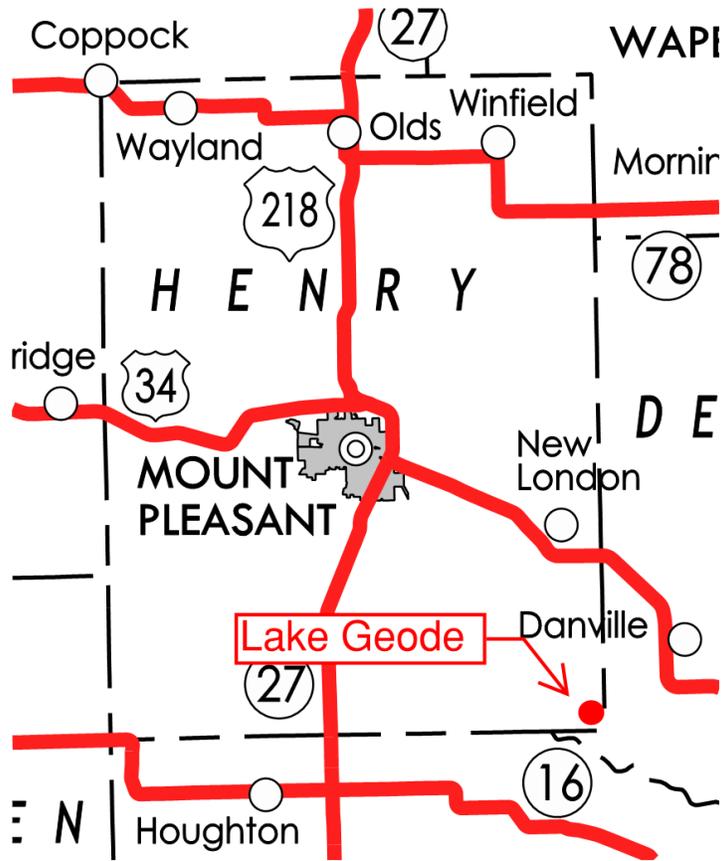
DNR Project Manager: Ken Jackson; Engineering Bureau
Designer: NRCS - USDA
DNR Inspector: Dave Heer, PE; Engineering Bureau
Operating Bureau: Fisheries
Funding Source: 50% Lake Restoration / 50% Federal EPA (FY12 Cap Link 209)
Cost Estimate: \$150,000.00

Plans Issue Date: 10/17/11
Bid Letting Date: 11/17/11
Plan Holders: 21
Number of Bids Received: 9

Bidders

James Waterhouse Construction	Keota, IA	\$124,109.46
Fye Excavating, Inc.	Sperry, IA	\$128,663.22
DeLong Construction Inc	Washington, IA	\$145,985.40
Buford Dozing and Excavating LLC	Bonaparte, IA	\$148,848.88
Cole Excavating	Greene, IA	\$158,375.36
JB Holland Construction	Decorah, IA	\$187,689.90
Ag and Turf Construction LLC	Davenport, IA	\$195,723.90
Steger Construction Inc	Dyersville, IA	\$223,797.32
Meller Excavating & Asphalt	Madison, IA	\$229,144.70

IDNR recommends awarding the Bid to James Waterhouse Construction.





- **Grade Stabilization Structures (Ponds)**
- **Sediment Control Basins**
- **Access Roads**
- **Park Boundary**

3 Shelby County -- Project # 12-04-83-02 Prairie Rose State Park, Shoreline Stabilization

Project Summary: This project includes the placement of riprap along the shoreline, deepening of segments of shoreline, as well as repairs to eroded areas near two boat ramps.

Function of the Project: Placement of riprap will help protect the shoreline from erosion as well as help improve water quality.

Construction Needed: Placement of over 5800 tons of riprap along over 11,000 linear feet of shoreline. Construction also includes deepening of nearly 1000 linear feet of shoreline.

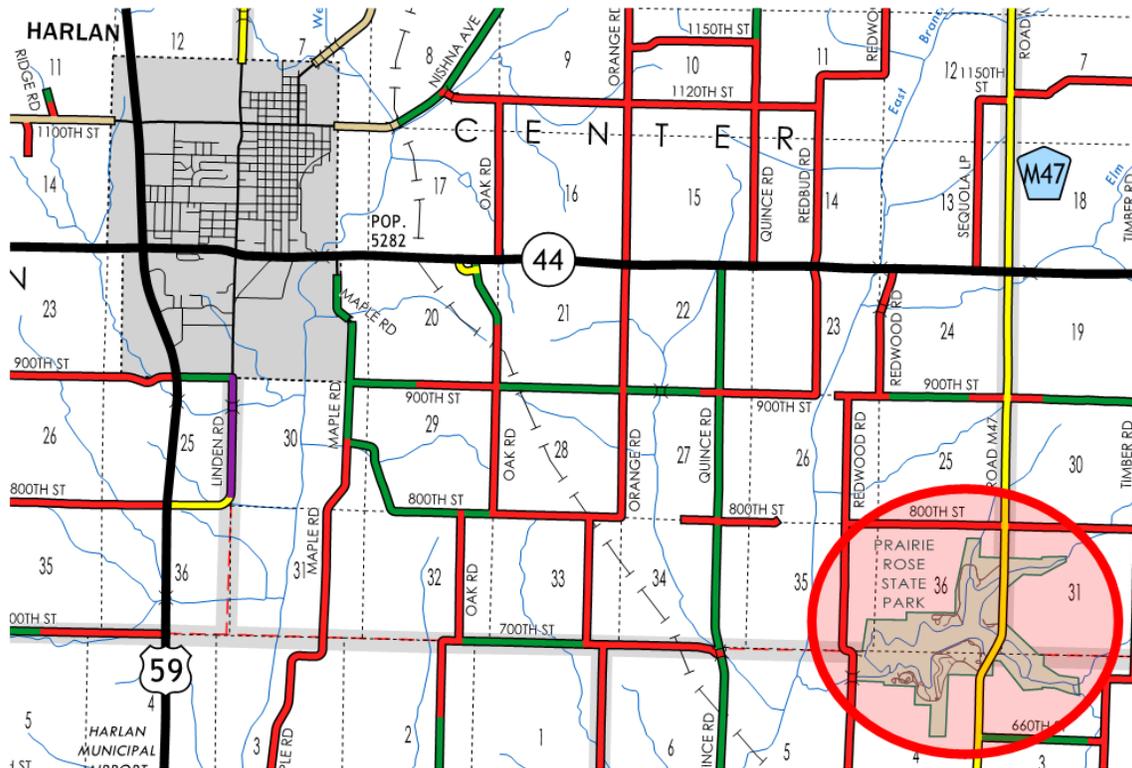
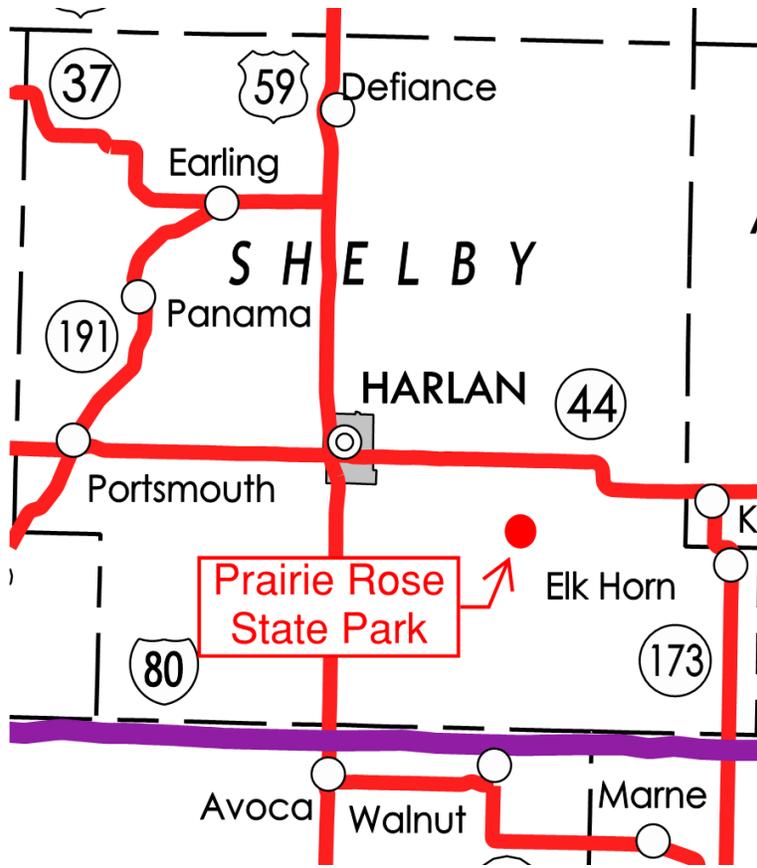
DNR Project Manager: Mark Johnson; Engineering Bureau
Designer: Ben Smith; Engineering Bureau
DNR Inspector: Mark Johnson; Engineering Bureau
Operating Bureau: Fisheries
Funding Source: Lake Restoration (FY12 Cap Link 14 & 96)
Cost Estimate: \$210,000.00

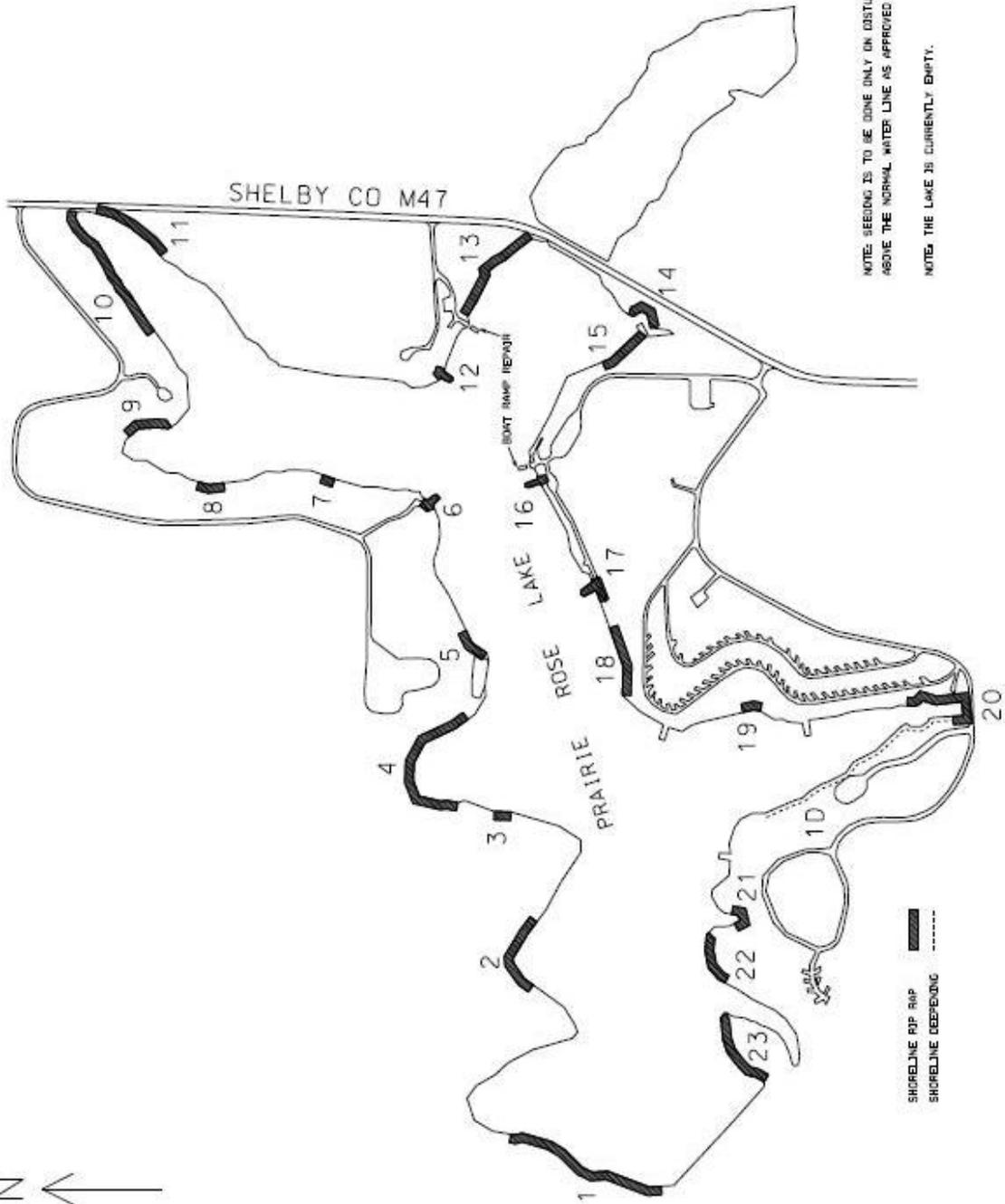
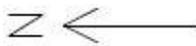
Plans Issue Date: 08/22/11
Bid Letting Date: 11/17/11
Plan Holders: 13
Number of Bids Received: 13

Bidders

TEK Builders, Inc.	Mount Ayr, IA	\$222,941.50
Carley Construction	Treynor, IA	\$240,655.50
JB Holland Construction	Decorah, IA	\$263,072.81
Peterson Contractors, Inc	Iowa City, IA	\$271,563.00
LA Carlson Contracting, Inc	Merrill, IA	\$272,669.00
TK Concrete, Inc	Pella, IA	\$291,077.00
Graves Construction Co., Inc	Spencer, IA	\$296,399.00
Nelson & Rock Contracting	Onawa, IA	\$298,788.00
Reilly Construction	Ossian, IA	\$299,252.00
Dixon Construction	Correctionville, IA	\$299,647.25
Blue Moon Hauling LLC	Smithville, MO	\$300,620.34
K & L Landscape & Construction	Sergeant Bluff, IA	\$304,055.00
Empire Construction and Trenching Inc	Red Oak, IA	\$392,842.48

IDNR recommends awarding the contract to TEK Builders, Inc





NOTE: SEEDING IS TO BE DONE ONLY ON DISTURBED AREAS ABOVE THE NORMAL WATER LINE AS APPROVED BY ENGINEER.

NOTE: THE LAKE IS CURRENTLY EMPTY.

**4 Shelby County-- Project # 12-04-83-03
Prairie Rose State Park, Fish Habitat and Jetties**

Project Summary: This project includes the placement/construction of fishing habitat including spawning beds and fish reefs, in addition to construction of an earth/rock jetty with handicap access.

Function of the Project: Fish reefs and spawning beds will provide valuable fish habitat at the lake to improve fishing. The addition of a jetty will provide better fishing access near the cabins at the lake.

Construction Needed: Earthwork will be needed to construct fish reefs. Riprap and pea gravel will top the reef. Spawning beds include placement of pea gravel over a polypropylene fabric. Earthwork will be required to construct jetty before placement of riprap and crushed stone on top.

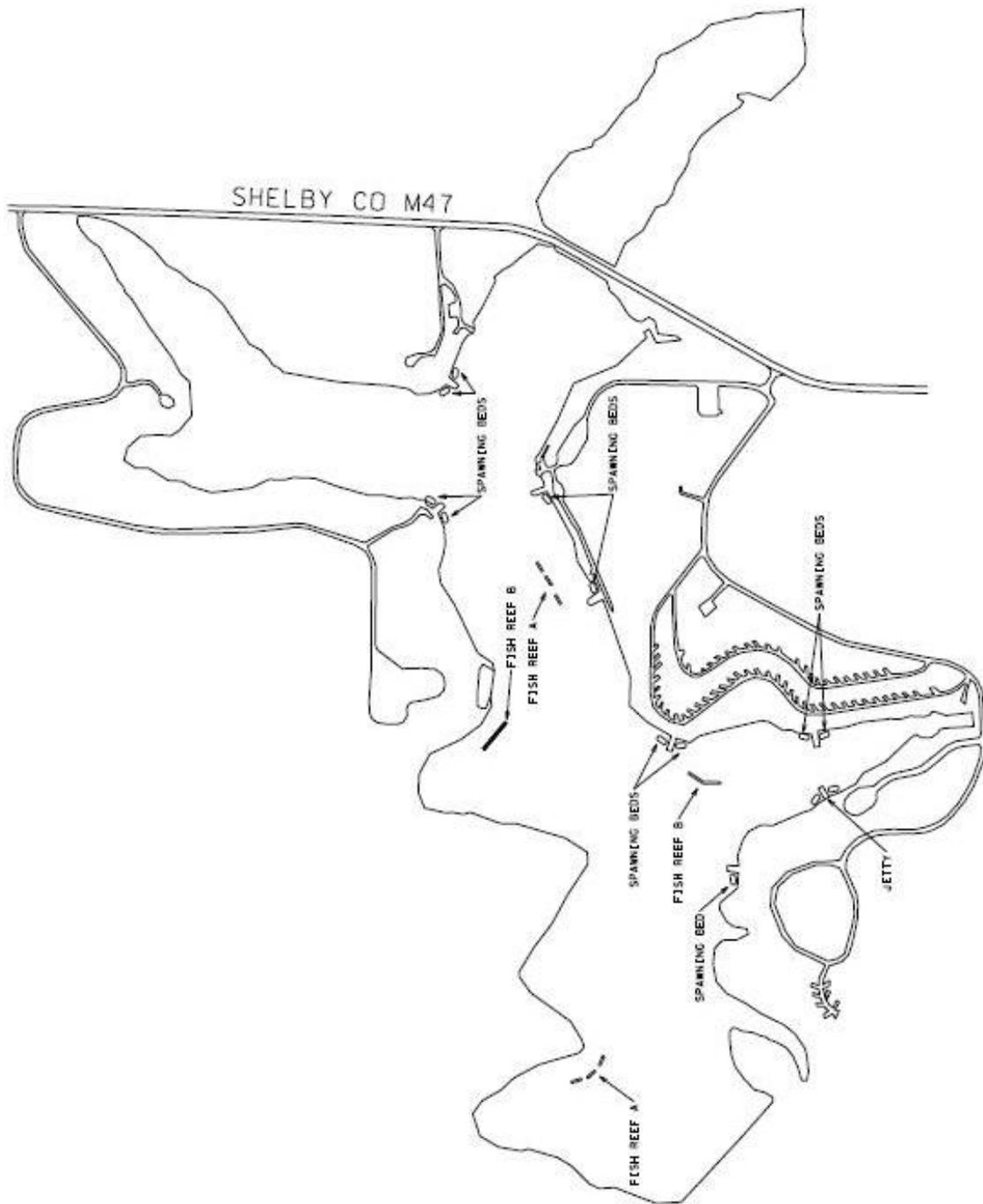
DNR Project Manager: Mark Johnson; Engineering Bureau
Designer: Ben Smith; Engineering Bureau
DNR Inspector: Mark Johnson; Engineering Bureau
Operating Bureau: Fisheries
Funding Source: 100% F&W Trust-Fish Habitat Stamp (FY12 Cap Link 14)
Cost Estimate: \$130,000.00

Plans Issue Date: 10/07/11
Bid Letting Date: 11/17/11
Plan Holders: 11
Number of Bids Received: 11

Bidders

TEK Builders, Inc.	Mount Ayr, IA	\$124,064.00
Richards Construction Co Inc	Sac City, IA	\$129,751.72
Carley Construction	Treynor, IA	\$143,844.45
PCI	Reinbeck, IA	\$162,688.50
Blue Moon Hauling LLC	Smithville, MO	\$167,250.78
K & L Landscape & Construction Inc	Sergeant Bluff, IA	\$170,313.00
Reilly Construction	Ossian, IA	\$179,922.50
L A Carlson Inc	Merrill, IA	\$180,393.50
Dixon Construction	Correctionville, IA	\$187,228.10
Empire Construction and Trenching Inc	Red Oak, IA	\$189,593.04
Nelson & Rock Contracting	Onawa, IA	\$189,611.50

IDNR recommends awarding the contract to TEK Builders, Inc



**5 Shelby County -- Project # 12-04-83-04
Prairie Rose State Park, Mechanical Dredging SE Wetland**

Project Summary: This project consists of the removal of sediment from an existing wetland near Prairie Rose Lake, and incidental work as required by the Plans and/or the DNR Construction Inspector.

Function of the Project: This project will remove 60,000 cubic yards of silt from within the existing wetland and deposit the material at two disposal sites near the wetland.

Construction Needed: Removal of silt from an existing wetland adjacent to Prairie Rose Lake and placement of silt fence around the disposal sites to prevent runoff back into the wetland until permanent seeding is established.

DNR Project Manager: Ken Jackson; Engineering Bureau
Designer: Ken Jackson; Engineering Bureau
DNR Inspector: Mark Johnson; Engineering Bureau
Operating Bureau: Fisheries
Funding Source: 100% Lake Restoration (FY12 Cap Link 96)
Cost Estimate: \$410,000.00

Plans Issue Date: 10/17/11
Bid Letting Date: 11/17/11
Plan Holders: 17
Number of Bids Received: 10

Bidders

Carley Construction, LLC	Treynor, IA	\$242,496.25
JB Holland Construction	Decorah, IA	\$245,890.00
Reilly Construction	Ossian, IA	\$324,145.00
Pruss Excavation Co.	Dodge, NE	\$324,426.00
Dixon Construction	Correctionville, IA	\$341,650.00
Stanley Rebacz Trucking Inc.	Hodgkins, IL	\$367,824.00
L.A. Carlson Contracting, Inc.	Merrill, IA	\$381,250.00
K & L Landscape & Construction Inc	Sergeant Bluff, IA	\$418,375.00
Japp Brothers Grading LLC	Kennard, NE	\$577,875.60
Peterson Contractors Inc (PCI-Reinbeck)	Reinbeck, IA 50669	\$699,610.00

IDNR recommends awarding the Bid to Carley Construction, LLC.



**6 Kossuth County -- Project # 09-03-55-04
Ambrose A. Call State Park, Water System Replacement**

Project Summary: This project entails the complete replacement of the water system in the park, including new electrical service to a water treatment building, new water mains, water treatment plumbing and tanks, well controls, yard hydrants and building service.

Function of the Project: The existing water system in the park is outdated and the water supply comes from a residential well at the bottom of the hill. A new well was drilled approximately four years ago and this project will activate this well and provide water to the facilities meeting the DNR water supply guidelines.

Construction Needed: The new water system is composed of bored high-density polyethylene (HDPE) water lines; and bored electrical service, so as not to disturb the existing landscaping and roadways. A new CXT concrete water treatment building was erected last fall to house the plumbing and treatment facilities. A new yard hydrant will be provided at a recently erected CXT pit vault. Yard hydrants at the lodge, campground and picnic areas will be replaced.

DNR Project Manager: Don Labate, PE; Engineering Bureau
Designer: Mike Hameed, PE; Engineering Bureau
DNR Inspector: Don Labate, PE; Engineering Bureau
Operating Bureau: Parks
Funding Source: 100% IJOB1 (FY12 Cap Link 214)
Cost Estimate: \$65,000.00

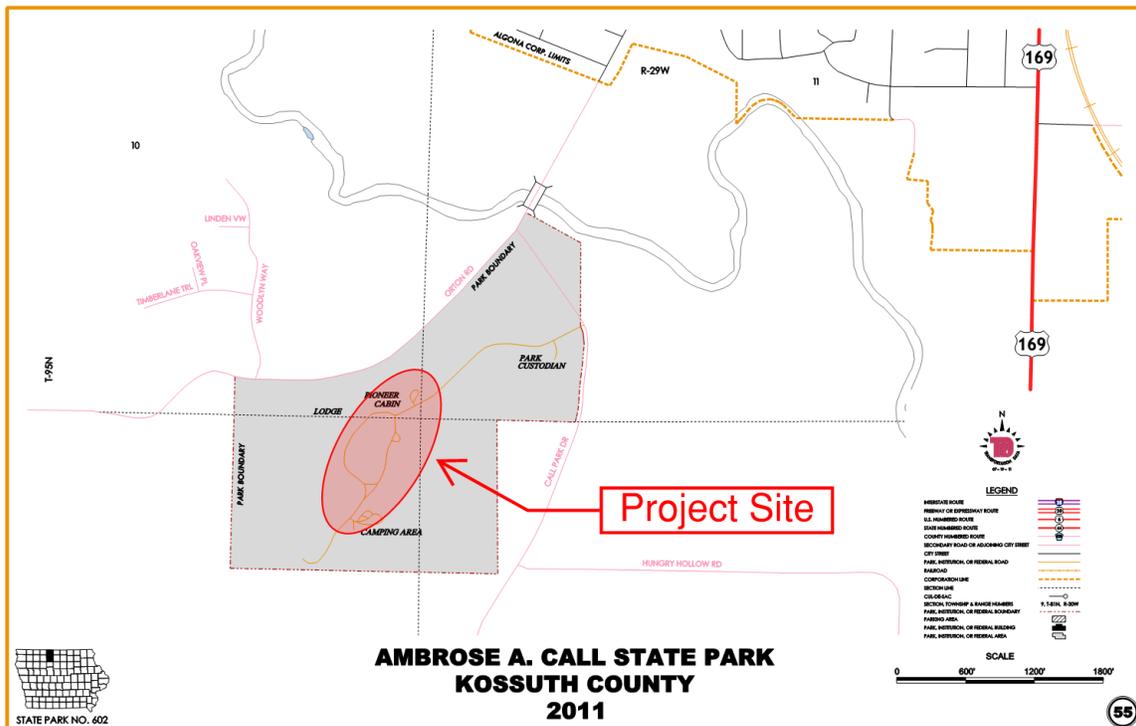
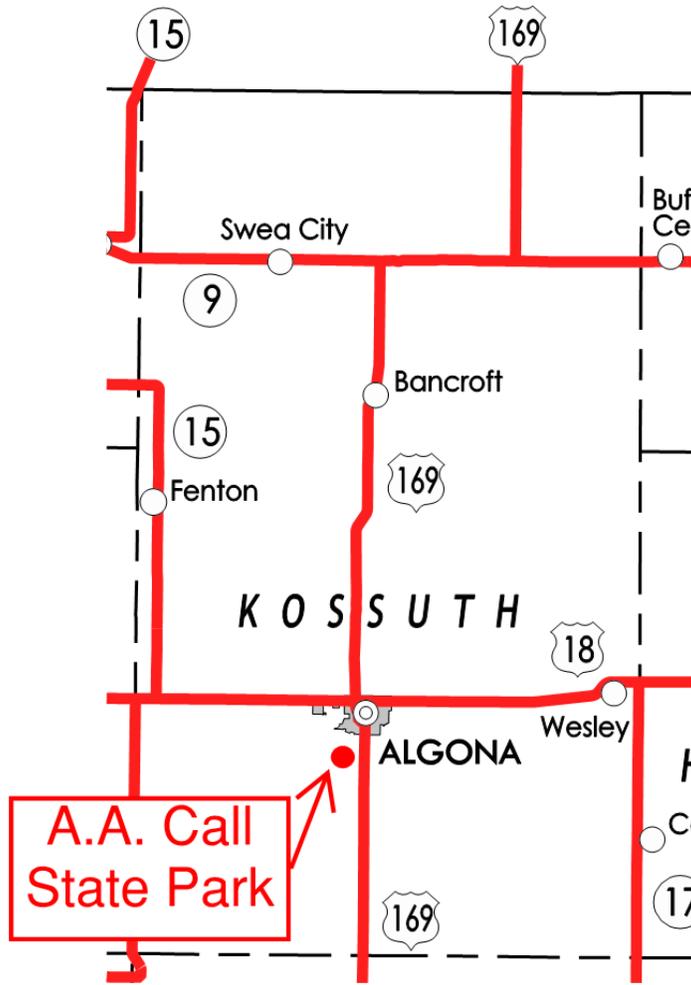
Plans Issue Date: 11/7/11
Bid Letting Date: 11/17/11
Plan Holders: 5
Number of Bids Received: 1

Bidders

Schumacher Well Drilling	Algona, IA	\$71,953.95
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IDNR recommends awarding the Bid to Schumacher Well Drilling.

Green Initiative: The water treatment facility employs a variable frequency drive (VFD) to maintain water pressure. VFD is a system for controlling the rotational speed of an alternating current (AC) electric motor by controlling the frequency of the electrical power supplied to the motor. AC motor-driven applications in this case the pump maintaining water pressure, do not require full speed can save energy by controlling the motor with a variable speed drive. Energy cost saving with variable speed can be significant. Single-speed starters start motors abruptly, subjecting the motor to a high starting torque and to current surges that are up to 8 times the full-load current. Variable speed drives instead gradually ramp the motor up to operating speed to lessen mechanical and electrical stress, reducing maintenance and repair costs, and extending the life of the motor and the driven equipment.



**7 Montgomery County -- Project # 12-04-69-01
Viking Lake State Park, Hail Damage Repairs**

Project Summary: A variety of repairs to buildings at Viking Lake State Park is needed after a hail event in late August. Repairs include but are not limited to replacement of roofing shingles, siding, windows and air conditioning units.

Function of the Project: The project will repair a number of damaged buildings, improving both the aesthetics and function of the facilities.

Construction Needed: Work includes over 2700 square feet of siding replacement, over 19,700 square feet of shingle replacement, replacement of 24 windows, gutter replacement, staining and painting of numerous buildings, and other various repairs.

DNR Project Manager: Mark Johnson; Engineering Bureau
Designer: Ben Smith; Engineering Bureau
DNR Inspector: Mark Johnson; Engineering Bureau
Operating Bureau: Fisheries
Funding Source: Executive Council
Cost Estimate: \$85,000

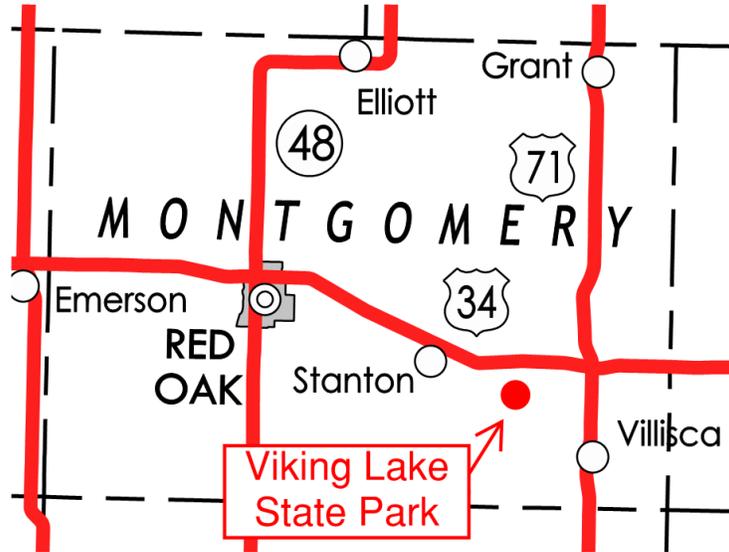
Plans Issue Date: 11/07/11
Bid Letting Date: 11/17/11
Plan Holders: 2
Number of Bids Received: 2

Bidders

Lewis Contracting Company	Red Oak, IA	\$123,183.63
Sandbox Construction	Villisca, IA	\$176,094.52

IDNR recommends awarding the contract to Lewis Contracting Company

Gabe Lee, PE
Bureau Chief of Engineering
Management Services Division
gabe.lee@dnr.iowa.gov
December 8, 2011



Iowa Department of Natural Resources
Natural Resource Commission

ITEM:

10

DECISION

TOPIC: **Construction Projects - Change Orders**

The Department requests Commission approval of **change orders** for the following construction projects:

**1. Appanoose County – Project # 11-05-04-21
Honey Creek Resort, OEI Demonstration Project - DesJardins Renewal Energy Project**

The Department has determined that certain additional services by the contractor (Acterra) were needed after construction commenced. These changes are outlined by the proposed item list below:

Proposed

- | | | |
|----|---|--------------|
| 1. | Redesign foundation and change support tower for wind turbine
<i>Change initiated by Sovereign Lands permitting process</i> | \$38,454.00 |
| 2. | Switch from #1 copper in conduit to 2/0 aluminum direct lay cable
<i>Effort to save money and ease of installation</i> | (\$3,637.00) |
| 3. | Addition of disconnect switches for all cabins
<i>Disconnect switches are required for this project by the utility company</i> | \$2,410.00 |

Proposed Change Order Total	\$37,227.00
Original Contract	<u>\$337,089.33</u>
Contract Total + Change Orders	\$374,316.33

IDNR recommends approving this change order as outlined above.

**2. Dickinson County- Project # 11-01-30-04
Mini Wakan State Park, Historic Lodge Restoration**

The DNR currently holds a contract with Wilcon Construction for restoration and improvements at the Mini Wakan CCC structure in Mini Wakan State Park. Work included under this contract include a complete facelift of the existing CCC structure with new floors, doors, windows, roof and a new functional kitchen space. The entire building will also be tuck pointed and repaired on the exterior. A separate building is also being constructed adjacent to the existing building to provide modern restrooms and a storage area without effecting the layout of the existing CCC structure.

In September, the Commission approved a change order request for items that were a combination of issues discovered during demolition and upgrades requested by Parks Staff. This change order request is for two upgrade items that were not accurately identified in the original construction specifications. These proposed upgrades are identified in more detail below.

Proposed Change Order Items

1. Upgrade to Landmark LT Architectural Roofing Shingles \$5,458.90
Standard architectural shingles were specified. Landmark LT shingles are the standard shingle used on all park facility buildings. They are a heavier shingle with a longer lifespan.

2. Upgrade Wood Door Hardware \$4,377.12
Standard industrial nickel hardware was specified in the contract. Parks requested an oil-rubbed bronze finish to better compliment the look of the facility. Also included in this cost is an upgrade to full function closures on several of the doors to eliminate some of the "kick-down" type hold opens originally specified.

Proposed Change Order Total	\$9,836.02
Previous Approved Change Orders	\$138,906.32
Original Contract	<u>\$442,400.00</u>
Contract Total + Change Orders	\$591,142.34

Parks Staff has secured an additional \$60,000 from the local friends group (\$300,000 committed in total) to help with the project's change order costs. The remainder will be funded from I-jobs under the original DNR budget for this project.

IDNR recommends approving these change orders as outlined above.

Gabe Lee, PE
Bureau Chief of Engineering
Management Services Division
gabe.lee@dnr.iowa.gov
December 8, 2011

Iowa Department of Natural Resources
Natural Resource Commission

ITEM:

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DECISION

TOPIC: Professional Services - Change Orders

The Department requests Commission approval of change order for the following delivery order:

**1. Delivery Order Bartlett & West 1S
Mahaska County – Project # 10-05-62-02
Lake Keomah State Park, Sanitary Sewer Rehabilitation Project**

Project/Contract Summary:

The Department has negotiated a delivery order under a master contract with Bartlett & West Engineering Company to provide planning and design consultation services for the rehabilitation of the sanitary sewer collection system in Lake Keomah State Park. The original Delivery Order (DO) No 1S in the amount of \$19,000.00 was signed January 11, 2011.

Function of the Project/Service:

Services for this project consist of planning and design of the sanitary sewer collection system in Lake Keomah State Park. The services are for the rehabilitation of the gravity sanitary sewers and sewage lift station in the campgrounds area. The design of this rehab work is approximately 60% complete. During the design work, it was determined that the inverted siphon under the lake is also in need of rehabilitation. This added task is an addition to the original scope of DO No 1S. Change Order No. 1 has been drafted and includes the design of a new lift station and force main that will replace the inverted siphon. The cost of the scope increase has been negotiated with the consultant. Change Order No. 1 adds a lump sum amount of \$7,500.00 to the original D.O. amount of \$19,500 resulting in a new amount of \$27,000.00.

Services are to be completed by December 12, 2011. Rehabilitation construction is scheduled for the spring of 2012.

Funding Source:

Funding for the design and construction will be 100% I-JOBS.

Cost Estimate:

The cost of contract amendment is \$7,500 to the original delivery order resulting in a new amount of \$27,000.00.

IDNR recommends awarding the amendment to the Bartlett & West Engineering Company Delivery Order 1S.

Gabe Lee, PE
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December 8, 2011

Iowa Department of Natural Resources
Natural Resource Commission

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INFORMATION

TOPIC: **Small Construction Projects Contracts**

The following projects have been let utilizing the Competitive Quotation process for projects \$100,000 or less:

BID DATE	PROJECT	COUNTY	AREA	DESCRIPTION	ESTIMATE	BIDS
10/20/11	11-06-49-02	Jackson	Bellevue	Kiosk and sign	\$20,000	\$40,000
10/20/11	12-04-80-02	Ringgold	Mount Ayr Hatchery	Replace Existing Pond #2 Harvest Kettle	\$33,000	\$38,400
10/27/11	12-02-77-08	Polk	Big Creek State Park	2010 FEMA Trail Repairs	\$14,000	\$11,700 \$14,891 \$16,550
10/27/11	11-02-46-01	Humboldt	Willows Wildlife Area	2010 FEMA Flood Repairs	\$11,000	\$7,360 \$13,150
11/03/11	11-05-91-08	Warren	Lake Ahquabi State Park	Shower Building Demo and Foundations	\$50,000	\$40,009.18 \$45,877
11/10/11	12-05-26-01	Davis	Lake Wapello State Park	Wood Fueled Central Boiler	\$15,000	\$23,193
11/17/11	12-04-87-01	Taylor	Lake of 3 Fires	Hail Damage Repair	\$85,000	\$34,472.50 \$55,639.81

Gabe Lee, PE
Bureau Chief of Engineering
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December 8, 2011

**Iowa Department of Natural Resources
Natural Resource Commission**

ITEM

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DECISION

TOPIC

Land Acquisition Projects

1. Twelve Mile Lake – Emmet Co. – Petersen

The Natural Resource Commission is requested to approve the acquisition of a tract of land located in Emmet County. This 40.59-acre tract is offered by Gerald and Deborah Petersen for the appraised price of \$44,000. The property is encumbered by a Wetland Reserve Program easement. The option also includes a stipulation that sellers offer the Iowa DNR the “first right of refusal (after children and grandchildren)” to acquire sellers’ remaining 174 acres. The option also includes sellers granting a permanent flowage easement south of the subject tract up to an elevation of 1364 feet mean sea level.

Licensed appraiser, Greg Tritle, of Vander Werff and Associates, Sanborn, Iowa prepared the “Before and After” valuation for the DNR fee title acquisition. The purchase agreement was negotiated by Jerry Gibson.

The property is located nine miles south of Estherville adjacent to the west side of 390th Avenue. The property consists of 40 acres of former pasture enrolled in the Wetland Reserve Program that has been restored to 34 acres of marsh/wetland, and 6 acres of prairie. The tract was previously a lake that was drained subsequent to construction of the existing drainage ditch in 1910. There is approximately 0.59 acres of road right of way. There are no buildings. The Wildlife Bureau will manage the property for waterfowl and upland game.

Acquisition funding will be North American Wetland Conservation Act-Southeastern Prairie Potholes. Surveying is estimated to be \$1,000.00. Incidental closing costs are the responsibility of the Department.

Staff recommends approval of the land acquisition.

2. Bob Pyle Marsh WMA – Story Co. – Kammin Estate

The Natural Resource Commission is requested to accept the donation of 30 acres in Story County, Iowa. This 30-acre donation is offered by the DeWayne Kammin estate. The donation is being facilitated by Jerry Gibson.

The property is located three miles northwest of Story City, and 11 miles north of Ames. The subject tract is adjacent to the south side of Bob Pyle Marsh that is owned by the Iowa DNR. The tract consists of 30 acres of “wet meadow”, and will make excellent waterfowl/pheasant habitat.

No fencing or survey costs are anticipated. Incidental closing and appraisal costs will be the responsibility of the Department. The value of the land can be used as cost share for a federal NAWCA grant.

Staff recommends approval of the land acquisition.

3. Kyle WMA – Butler Co. – Kyle Estate

The Natural Resource Commission is requested to accept the donation by devise of approximately 60 acres in Butler County, Iowa. This 60-acre donation is offered by Berniece E. Kyle in her last will and testament. The donation is being facilitated by Jerry Gibson.

The property is located three miles south and 7 miles east of Greene, Iowa, and 14 miles northwest of Allison. The Butler County Conservation Board owns 19 acres of timber and grassland adjacent to a waterway that bisects the midsection of the tract. The subject tract has the majority of land in cropland with a small amount of timber. The tract is utilized by songbirds, fur bearers, deer, and pheasants. The will stipulates that the land be managed as a wildlife refuge with hunting and trapping prohibited. Butler County Conservation Board is interested in managing the land under a management agreement.

No fencing or survey costs are anticipated. Incidental closing costs will be the responsibility of the Department.

Staff recommends approval of the land acquisition.

Travis Baker, Land & Waters Bureau Chief
Conservation and Recreation Division
December 8, 2011

**Iowa Department of Natural Resources
Natural Resource Commission**

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DECISION

TOPIC

Land Management Projects

1. Eveland Access – Mahaska County – Mahaska County Conservation Board

The Mahaska County Board of Supervisors has approved a resolution requesting that title to the 24 acre state owned Eveland Access be transferred to the County for no monetary consideration. The Commission is requested to recommend a title transfer to the Executive Council. Upon approval by the Executive Council, title will be transferred to Mahaska County by state patent.

The property was purchased by the Department in 1975. In 1978 the Department entered into an agreement with the Mahaska County Board of Supervisors transferring management of the area to the Mahaska County Conservation Board. Since that time the County has, with the permission of the DNR, made several capital improvements to the area. These improvements include constructing a concrete boat ramp, campsites, playground equipment, and shelter houses. The county has also purchased an additional 33 acres adjacent to the area. The County would like to continue to manage the area as a high priority destination area. The County believes that funding and additional support for improvements and repairs would be more achievable if the area was owned, managed, and maintained under the same agency.

Iowa Code Section 461 A.32 allows for the proposed conveyance without consideration, and requires that the conveyance contain a reversion provision that provides when such lands cease to be used as a public park, title will revert to the state.

In exchange for the patent of the State owned land, Mahaska County has agreed to enter into a management and title transfer agreement with the DNR. Under the agreement, the County agrees to the following:

- The CCB will submit, to the DNR Sovereign Land Construction Permit and Environmental Review Program, any future development and construction proposals for review and approval
- The CCB shall utilize dark sky compliant fully shielded fixtures that do not project light above the horizontal plane for all park and pedestrian lighting within the park.
- The CCB shall minimize the impact of paved road surfaces on the park's existing and proposed natural environment (if applicable).
- The CCB shall minimize the impact of paved parking surfaces on the park's current and future environment (if applicable).
- The CCB shall utilize construction techniques that mitigate the environmental impact of storm water associated with paved surfaces within the park (if applicable).

- Cabin construction must be built in a sustainable fashion. That is to say that the structures are designed, built, renovated, operated, or reused in an ecological and resource-efficient manner.
- The DNR shall have the right to prevent and correct violations of the terms of this agreement. If the DNR, upon inspection of the property, finds what appears to be a violation, it may exercise its discretion to seek injunctive relief in a court having jurisdiction. The failure of the DNR to discover a violation or to take immediate action to correct a violation shall not bar it from doing so later.

Staff recommends approving the transfer.

2. Triboji Beach – Ch. 18 Lease – Dickinson Co. -- Lorch

The Natural Resource Commission is requested to approve, for submission to the Iowa Executive Council for final approval, renewal of a lease with Bruce A. Lorch for a portion of the dedicated public land at Triboji Beach.

The lease area consists of a parcel 28.4 feet in frontage by 4.8 feet in depth, adjacent to Lot 10 and the South 15 feet of Lot 11, Block 35, Triboji Beach, Dickinson County. The leased area is occupied by a wooden deck attached to the tenant's cottage. The site has been under lease since 1986.

The proposed lease will be for a five year period. The annual fee is \$150.00 with a condition that the fee may be adjusted to comply with adopted administrative rule changes that affect lease fees.

Staff recommends approval of the lease agreement.

3. Triboji Beach – Ch. 18 Lease – Dickinson Co. – Christensen

The Natural Resource Commission is requested to approve, for submission to the Iowa Executive Council for final approval, renewal of a lease with Thomas L. Christensen for a portion of the dedicated public land at Triboji Beach.

The lease area consists of a parcel 15 feet long by 10 feet wide and a parcel 10 feet long by 3 feet wide, adjacent to Lot 15, Block 35, Triboji Beach, Dickinson County. The leased area is occupied by a concrete patio and steps. The site has been under lease since 1987.

The proposed lease will be for a five year period. The annual fee is \$150.00 with a condition that the fee may be adjusted to comply with adopted administrative rule changes that affect lease fees.

Staff recommends approval of the lease agreement.

Travis Baker, Land & Waters Bureau Chief
Conservation and Recreation Division
December 8, 2011

Iowa Department of Natural Resources
Natural Resource Commission

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DECISION

TOPIC: Contract with Texas Veterinary Medical Diagnostic Laboratory

The Department requests Commission approval for an amendment to a contract with Texas Veterinary Medical Diagnostic Laboratory. The original contract provided a certified lab to test tissue samples (retropharyngeal lymph nodes or obex) from white-tailed deer collected for CWD surveillance. The amendment will provide the same services for another year. The amount of this contract amendment shall not exceed \$82,500. The amendment will begin on December 31, 2011 and terminate on December 31, 2012. DNR shall have the option to renew this contract for up to \$82,500 per year thereafter as long as the original contract and any extensions, including this extension, do not exceed a total six-year period. This contract will be funded through a federal USDA CWD grant and the Fish and Game Trust Fund.

Testing wild deer for Chronic Wasting Disease (CWD) is a critical part of the Iowa Department of Natural Resources surveillance and response plan. Over 37,000 wild deer have been tested since 2002 and CWD has not been detected in Iowa. Testing had been done at the National Veterinary Services Laboratory in Ames, Iowa but the lab is not able to handle Iowa's samples this year due to budget issues and other work.

Dale Garner, Wildlife Bureau Chief
Conservation and Recreation Division
December 8, 2011