

**Minutes of the
Natural Resource Commission
Meeting**

**December 13,
2018**

Meeting Held at:
Iowa Department of Natural Resources
502 E 9th St, 4th Floor
Des Moines, Iowa

For Office Use Only

Date Minutes Approved By NRC: 01/23/19

Director's Signature: _____

*Bruce Trautman
Acting Director*

RECORD COPY

File Name: ADM 1-1-1

NRC MINUTES

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MEETING MINUTES

CALL TO ORDER

The meeting of the Natural Resource Commission was called to order by the NRC Chair, Margo Underwood, on 12/13/18 at 9:33am. Commissioner Underwood recognized former Director Gipp in attendance.

COMMISSIONER ATTENDANCE

Present

- Kim Francisco, Secretary [9:33am–2:20pm]
- Laura Hommel [9:33am–2:20pm]
- Tom Prickett [9:33am–2:20pm]
- Phyllis Reimer, Vice Chair [9:33am–2:20pm]
- Margo Underwood, Chair [9:33am–2:20pm]

Absent

- Marcus Branstad
- Dennis Schemmel

PUBLIC PARTICIPATION

Name	Address	Representing	Topic
Don Mealey	128 Carter, Norwalk, IA	International Bowhunting	Iowa City Gun Hunt
Nathan Gibson	1167 250 th Ave, New Virginia, IA	Iowa Firearms Coalition	Iowa City Deer Mgmt

1. APPROVAL OF AGENDA

Motion – Commissioner Hommel with the request to remove item 15.4 (Easement Conveyance–Leo Grau WMA–Buena Vista County SWCD) from consent and move item 16.4 (Pilot Knob Wildlife Management Area, Winnebago Co.–Iowa Natural Heritage Foundation) to after 16.5 (Heritage Hills Wildlife Management Area, Warren County–Iowa Natural Heritage Foundation).
 Seconded – Commissioner Francisco
 Decision – Approved by Unanimous Vote

CARRIED AS PRESENTED

2. APPROVE MINUTES OF 11/08/18 NRC PUBLIC MEETING

Motion – Commissioner Francisco
Seconded – Commissioner Reimer
Decision – Approved by Unanimous Vote

CARRIED AS PRESENTED

3. ACTING DIRECTOR’S REMARKS

Acting Director Bruce Trautman shared that the Governor has not made a DNR Director announcement, yet. He also provided information regarding the Edgewood trail petition the Department has denied noting that the request is for a trail to cross state land when the land does not allow for that type of use; and that there is an alternative right of way route option available for the petitioner’s consideration.

4. DIVISION ADMINISTRATOR’S REMARKS

Dale Garner, Division Administrator, gave an update on Chronic Wasting Disease and testing efforts and provided information regarding the newly prepared Land Acquisition Report. He also noted, that in preparation for possible rule changes for waterfowl hunting beginning in 2020, staff are holding waterfowl focus group meetings across Iowa of random avid waterfowl hunters. Public meetings will occur in 2019.

5. PETITION FOR IOWA CITY URBAN DEER MANAGEMENT ZONE – SPECIAL HARVEST REQUEST

The Department, on behalf of the Commission, has received a petition to hold a special deer harvest.

Petitioner: Iowa City, City Manager

Proposed Petition Summary: Allow the City of Iowa City to hold a special deer harvest using sharpshooters.

Date to Present to NRC: 12/13/18

Attached: Petitioner’s Petition/Documentation

Captain Bill Campbell and Attorney Sue Dulek presented Iowa City’s petition request. Dr. Garner prefaced comments about Iowa City’s petition and long term plan discussions. The petitioners provided a brief history of their deer management efforts and petition submitted earlier this year, public input efforts, and that the council does not believe there is public support for a bow hunt and therefore reason for sharpshooting. Regarding long term planning, they noted it is difficult to determine what future councils will want to do. They noted they will do a deer count after the hunt and will make determinations of methods of take afterward.

Motion – Commissioner Reimer
Seconded – Commissioner Hommel

Discussion – Commissioners, petitioners, and Dr. Garner discussed Chronic Wasting Disease testing, sharp shooting versus a hunt, baiting, bowhunting and alternative methods of take, deer identification and tagging, and Iowa City’s deer committee membership. Petitioners shared the cost to sharpshoot would be \$100,000 and the ideal deer population goal would be to reduce the deer to 25 per square mile, but they may not reach that number. They are looking at having the shoot in March and it would take a week or two to complete.

PUBLIC COMMENT:

Don Mealey - 128 Center Street, Norwalk, IA; supports urban bowhunting

Nathan Gibson – 1167 250th Ave, New Virginia, IA, Iowa Fiarearms Commission; supports urban bowhunting

Commissioners expressed concerns about sharpshooting, length of time since the last deer management effort, and a minimal long term plan in the petition; they also provided reasons for their vote.

Decision – Denied as Presented

Ayes: Commissioner Hommel, Commissioner Reimer

Nays: Commissioner Francisco, Commissioner Prickett, Commissioner Underwood

DENIED AS PRESENTED

6. FOREST ADVISORY COMMITTEE

Ken Herring, Forest Advisory Council (FAC) member and presenter, discussed the FAC and requested the NRC continue to allow Commissioner Francisco to continue as a representative on the committee and requested the NRC take some action through resolution or support of legislation SSB3207 and their vision. Leslie Burkess, Tress Forever and co-chair of FAC, discussed the vision plan. The FAC will work with the Department to update the vision. Ken asked the NRC include the following in their annual report: 1. Support the legislative creation of the FAC, 2. Support the idea of asking for \$1 for each acre of privately owned land which should generate approximately \$3 million for the General Fund, and 3. Continue to support the forest health ask of \$2 million. Commissioners and FAC discussed the issues. Commissioner Underwood noted their annual report is in its final stages but the NRC would consider, in a smaller group, to advocate for forestry support. Commissioner Francisco noted he would be interested in continuing his participation in the FAC and Commissioners Reimer and Prickett expressed their interest in participating, also.

INFORMATIONAL

7. DONATIONS

The Natural Resource Commission is requested to approve the following donations:

Donation to:	Amount	Description	Donation Provided by:
McIntosh Woods State Park	\$25,000.00	Barber Surf Rake for beach maintenance	Hancock Co SWCD
Law Enforcement Bureau	\$500.00	Funds to support water safety in Scott County	Linda Maxwell
Waubonsie State Park	\$500.00	4 Yards Ready-Mix Concrete for equestrian facilities	Backcountry Horsemen of Iowa
Lake Manawa State Park	\$1,300,000.00	Labor and materials to rebuild the Dream Playground	Dream Playground Re-imagined Committee
Lake Macbride State Park	\$25.00	Funds to support park improvements	Dogan Dincer
Iowa Outdoors Magazine	\$25.00	Funds to support the magazine	Brian Peavey
Law Enforcement Bureau	\$520.00	25 used trail cameras, 5 used monoculars, 10 used binoculars, and 2 used rifle scopes	Rebecca Younkins, Bass Pro Shops
Lacey-Keosauqua State Park	\$40.00	Mulch for campground trees	Merle Yoder, Yoder Hardwoods
Lacey-Keosauqua State Park	\$167.44	Repair equipment	David McQuoid, McQuoid Welding
Lake Macbride State Park	\$2,000.00	Funds to improve campsites	Solon Beef Days

		13/14N with retaining wall	Committee
Ledges State Park	\$120.00	Two Barn Owl nesting boxes and funds to support the Park for an Eagle Scout project	Nathan Steimel, Troop 888 St. Francis of Assisi
Lake Darling State Park	\$2,003.45	Five 5 foot round tables, three 6 foot rectangular tables	Stacie Lowe, President, Friends of Lake Darling
Lake Wapello State Park	\$794.00	Unison 136T double kayak	Friends of Lake Wapello
Lake Wapello State Park	\$180.83	Sundolphin Phoenix 10.4 single kayak	Friends of Lake Wapello
Volunteer Program	\$150.00	Hamburgers, buns, condiments, bottled water, and soda to support Camp Hosts Recognition Picnic at Big Creek State Park	Mark Crawford
Elk Rock State Park	\$439.00	4 potted trees (2 linden and 2 hard maple)	Friends of Elk Rock
Wildlife Bureau	\$11,184.08	78.54 acres of native seed meeting USDA standards for pollinator seedings	Ken and Matt Herring
Parks and Forestry	\$200.00	Funds to support Parks and Forestry	Kels Byus, Twin Forks Trading Co

Motion – Commissioner Prickett
 Seconded – Commissioner Reimer
 Discussion – Commissioner Prickett shared he has been to the playground at Lake Manawa and this collaboration had impressive results. Todd Coffelt, State Parks Bureau Chief, provided information about the State being self-insured and the Friends Group is working to create an endowment for playground upkeep.
 Decision – Approved by Unanimous Vote

CARRIED AS PRESENTED

***8. CONTRACT AMENDMENT-1 WITH NORTHWOODS FORESTRY, INC.**

Commission approval is requested for a contract amendment with Northwoods Forestry, Inc., of Eleva, Wisconsin.

Amendment-1 Terms:

Amendment Amount: Not to exceed \$60,000.00

Amendment Dates: 1/1/2019 to 12/31/2019

Funding Source(s): State Forest Nursery Sales

Amendment Purpose: To extend manual labor services, as outlined in the original contract, through 2019. In 2018, Northwoods served when called to assist with lifting and grading to meet shipping deadlines with their usual outstanding speed and accuracy, as well as assisting with weeding during the growing season.

Original Contract Purpose: To provide manual labor for weeding (removing weeds from the ground), lifting (removing seedlings from the ground) and grading/packaging (sorting, counting, packaging and sealing bags of bare root seedlings) according to standard operation procedures at DNR’s State Forest Nursery (SFN).

Staff from Northwoods Forestry, Inc., travel nationally and specialize in providing labor for nurseries and other labor intensive agricultural services. In 2016, in an effort to explore cost effective alternatives, the SFN entered into a smaller contract with Northwoods. Their 8-person crew provided lifting and grading services during the spring high yield season. They lifted 404,000 seedlings and graded 60,000 seedlings in 10 days. This work

produced a higher yield and was more cost effective than the previous vendors. In 2017, we increased the contract services with Northwoods Forestry, Inc. Utilizing data collected by SFN staff, the Northwoods contract crew has continued to perform tasks more quickly and at a higher yield than previous vendors. In addition to the time factor, the quality of work by Northwoods Forestry has also proven to be exceptional. During quality control checks, the accuracy of the counts and sizes of the seedlings being packaged was found to be higher than that of previous vendors, resulting in fewer complaints by customers.

Original Selection Process: In 2017, the DNR published a Request for Proposal (RFP) and reviewed bids for services requested. Northwoods Forestry, Inc. was awarded the bid due to cost, contractor’s professional experience, performance record, letters of references, and the capacity of the contractor to complete responsibilities in the timeframe requested.

Contract History:

Original Contract Terms: Amount 60,000.00; Timeframe: 1/29/18 to 12/31/18; Purpose: Nursery Labor

CARRIED UNDER CONSENT

***9. CONTRACT WITH NEWELL MACHINERY CO., INC.**

Commission approval is requested for a contract with Newell Machinery Co., Inc., of Hiawatha, Iowa.

Contract Terms:

Amount: Not to exceed \$26,945.00

Dates: January 11, 2019 to February 28, 2019

DNR shall have the option to extend this Contract for up to six years from the beginning date of the original contract by executing a signed amendment prior to the expiration of this Contract.

Funding Source(s): REAP

Contract Purpose: The State Forest Nursery provides affordable, high-quality native plant material for use in timber production, wildlife habitat restoration, erosion control, and other conservation-related endeavors, to landowners in Iowa and other states. Currently, the nursery sells approximately 1 million seedlings per year, and 3-5 million seedlings are grown on-site at any given time.

The nursery maintains a grading room where seedlings are sorted and packaged for distribution. Non-usable materials from the grading room are disposed through the use of an incline conveyor, which carries trash and debris generated by unsaleable materials to a dump truck for disposal. The current conveyor is over 40 years old and has been experiencing frequent break downs; expense and increased repair time reduces staff time harvesting and processing trees. This contract will remove and dispose of the current incline conveyor and replace it with a new 29’6” table, motor, and belt.

Selection Process Summary: The Department solicited quotes from targeted small businesses and also published an Informal Request for Quotes on the Department of Administrative Services website. Criteria in the RFQ included providing proof of experience and equipment needed to complete the tasks.

Quotes Due Date: 11/20/18

Quotes Reviewed: 3

Recommendation: Newell Machinery Co., Inc.

Vendor	Vendor Location (city, state)	Bid Amount
Newell Machinery Co., Inc.	Hiawatha, Iowa	\$26,945
RMH Systems	Waukee, Iowa	\$33,730
Custom Conveyor and Equipment Corporation	Polk City, Iowa	\$29,105

CARRIED UNDER CONSENT

10. CONTRACT WITH INFONET SYSTEMS, INC.

Commission approval is requested for a contract with Infonet Systems, Inc., of Boca Raton, FL.

Contract Terms

Amount: Not to exceed \$100,000

Dates: January 1, 2019 to December 31, 2019

DNR shall have the option to extend this Contract for up to six years from the beginning date of the original contract by executing a signed amendment prior to the expiration of this contract.

Funding Source(s): Subscription Revenue

Contract Purpose: The purpose of this contract is for the management of Iowa Outdoors customer subscription base. Through Infonet, all subscription services from database management to customer service will be provided. Tasks include:

- Annual magazine circulation services – Maintain the main file of all subscribers and ensure the printer and others have that file to print the labels on the magazines. Guarantee all subscribers receive the issues they have subscribed and paid for.
- Customer service – Phone call and email based customer service on billing, payment and subscription information.
- Subscriber database – Infonet houses the Iowa Outdoors subscriber database, including the history of each subscriber and personally identifiable information.
- Marketing – Infonet, at the request and discretion of the DNR Communications Team, provides minor marketing services of mailings for renewals, lapsed subscribers and newly anticipated subscribers through licensing sales.

Infonet has successfully provided subscription management services to the Department for its approximate 35,000 subscribers since 2009 and currently provides this service to 12 other state natural resources magazines.

Selection Process Summary: The Department solicited proposals from targeted small businesses and also published a Request for Proposal (RFP) on the Department of Administrative Services website.

Proposal Due Date: 10/17/18

Review and Selection Committee: 3 members

- Communications (1)
- Licensing (1)
- Budget and Finance (1)

Scoring Criteria: Scoring was based on the criteria as described in the RFP which included cost of services, the contractor’s professional experience, letters of reference, performance record, and the contractor’s technical and marketing capabilities. Infonet Systems was the sole bidder for this RFP. Infonet’s competitive prices are achieved by creating a co-op of states who can receive a group discount in the services they provide. Without the co-op, estimated costs for these services would be at least double.

Motion – Commissioner Francisco
 Seconded – Commissioner Reimer
 Discussion – Alex Murphy, PIO, provided information regarding magazine subscriptions and variable postage costs.
 Decision – Approved by Unanimous Vote

CARRIED AS PRESENTED

11. WATER RECREATION ACCESS COST-SHARE (WRAC) GRANT FY 2019

The Commission is requested to approve funding for the recommended Water Recreation Access Cost-Share (WRAC) Grant applications pursuant to Iowa Administrative Code Chapters 571-30 for fiscal year 2019.

Grant Purpose: The Water Recreation Access Grants are awarded annually to assist governmental entities in providing or improving water access for recreation purposes. State cost-share funding is provided at 75% with the local 25% contribution coming from in-kind or monetary match if the project is not under a management agreement with the State of Iowa. Grantees can receive cost-share funding at 100% if managing property under an agreement on behalf of the State of Iowa.

Funding Source: Marine Fuel Tax

Grant Funding Available: \$400,000

Summary of Selection Process: Grant applications have been scored by a committee who met on November 15, 2018, to review a total of 16 projects requesting \$673,343.36 in Marine Fuel Tax according to rules provided for in Iowa Administrative Code chapter 571-30. Grant applications are scored through a two-part process. Initially, grants are received at the District Fisheries Offices and are reviewed by district staff and are given a general overall rank. The grants are then submitted to the central scoring committee who review each grant and make final selections based on eligibility, justification, work plan and district ranking. Top funded projects showed not only significant need of repair or replacement but they also showed a complete work plan and identified the value of the project to the users and the potential of increased participation for those who will benefit from the work completed.

Selection Committee Members: The review committee consists of 7 members:

Fisheries Bureau (6)

Conservation & Recreation Division (1)

Number of Applications Received: 16

Recommendations: The committee recommends providing funding for the top six projects. If an awardee declines their award the Department requests authority to offer those funds to the next highest scored project that meet the grant criteria.

Project Rank	Grant Applicant	Description	Total Project Cost	Marine Fuel Tax Grant Request	Recommended Grant Award
1	Buchanan County Conservation Board	Iron Bridge Access: Boat Ramps, parking improvements and amenities	\$354,859.72	\$266,144.79	\$266,144.79
2	Union County Conservation Board	Three Mile Lake: Boat ramp and dock replacement	\$13,064.00	\$13,064.00	\$13,064.00
3	Dickinson County Conservation Board	Ainsworth-Orleans Beach: Boat dock and boat ramp improvements	\$78,664.00	\$58,998.00	\$58,998.00
4	Winneshiek County Conservation Board	Lake Meyer Park: Boat launch restroom installation	\$29,874.00	\$22,405.50	\$22,405.50
5	Boone County Conservation Board	Don Williams Recreation Area: Replacement dock	\$6,500.00	\$4,875.00	\$4,875.00
6	City of Bellevue	Bellevue City Ramp: Ramp replacement	\$85,850.00	\$64,387.50	\$34,512.71
7	Dubuque County Conservation Board	Massey Marina Park: Courtesy dock and pit latrine replacement	\$42,752.00	\$32,064.00	0
8	City of Colfax	Quarry Spring Park: boat ramp development project	\$38,318.00	\$28,738.50	0
9	City of Eldon	Eldon Public Access: improvements to the boat ramp and access	\$34,739.42	\$26,054.57	0
10	Delaware County Conservation Board	Hardscrabble Access: develop access launch to the Maquoketa River	\$7,540.00	\$5,655.00	0
11	City of Lake Park	Silver Lake South Access: restroom and shelter development	\$137,469.00	\$103,101.00	0
12	Mitchell County Conservation Board	Bennett Access: Boat ramp with boulder rock dock	\$34,365.50	\$25,774.13	0
13	Floyd County Conservation Board	Floyd Bridge: Water access improvement	\$13,300.00	\$9,975.00	0
14	Union County Conservation Board	Three Mile Lake: Parking lot renovation	\$7,673.40	\$7,673.40	0
15	Taylor County Conservation Board	Windmill Lake: Access improvements	\$2,878.06	\$2,159.06	0

16	Taylor County Conservation Board	Wilson Park Lake: Access Improvements	\$3,031.88	\$2,273.91	0
Total				\$673,343.36	\$400,000

Motion – Commissioner Francisco
 Seconded – Commissioner Prickett
 Discussion – Michelle Wilson, CRD Executive Officer, provided information regarding cost share for land managers serving on behalf of the State and the process for ranking projects.
 Decision – Approved by Unanimous Vote

CARRIED AS PRESENTED

12. CONTRACT WITH KERESTES-MARTIN ASSOCIATES, INC. (DBA KMA DESIGN)

Commission approval is requested for a contract with Kerestes-Martin Associates, Inc. (dba KMA Design), of Carnegie, Pennsylvania.

Contract Terms

Amount: Not to exceed \$66,960

Dates: December 14, 2018 to June 30, 2019

DNR shall have the option to extend this Contract for up to six years from the beginning date of the original contract by executing a signed amendment prior to the expiration of this contract.

Funding Source(s): REAP - Parks Operations and Maintenance

Background: The Department’s state parks bureau manages more than 56,000 acres in 68 parks and recreation areas across the state. More than 14 million visitors enjoy Iowa state parks each year, exploring the natural amenities, cultural features and outdoor opportunities uniquely provided by the state park system.

Currently, signage within state park system is designed to standards set more than 20 years ago. Signage can be inconsistent in placement, messaging, sizing and design within a park and across the park system. Additionally, the current design does not necessarily address ADA compliancy, incorporate cartography or maximize readability. The Department’s State Parks Bureau currently has a sign shop that fabricates all signs for parks.

Contract Purpose: Develop a wayfinding and signage master plan for the Iowa state park system to provide consistent, recognizable, and welcoming signage to ensure a quality visitor experience for years to come. The plan shall include wayfinding use distributions and relationships, strategic connections, regulatory requirements, and signage fabrication and installation requirements. Contractor shall also include creation of complete plans for two or three of the state parks to be used for baseline evaluation and to be introduced during the State Parks 2020 Centennial Celebration.

Selection Process Summary: The Department solicited bids from targeted small businesses and published the Request for Proposal on the Department of Administrative Services’ website.

Proposal Due Date: November 5, 2018

Review and Selection Committee: 5 members

- DNR Parks Bureau (2)
- DNR Conservation and Recreation Division (1)
- DNR Communications (1)
- DNR Land, Water and Engineering Bureau (1)

Scoring Criteria: Proposals were scored based on criteria as described in the RFP, which included demonstrated satisfactory performance on wayfinding and signage master plans including demonstrated quality of end product, professional experience, performance record, letters of reference; conceptual plan, technical and modeling capabilities, and cost. Additional tasks (alternatives) were included in the RFP as bid options. The alternative bid* for interpretive panel templates will be included in the contract.

Proposals Received: 6

Recommendation: Kerestes-Martin Associates, Inc. (dba KMA Design)

Vendor	Vendor Location	Score	Rank	Cost
Kerestes-Martin Associates, Inc.	Carnegie, Pennsylvania	680	1	\$ 62,760.00 (+4,200.00*)
Cardosi Kiper Design Group, Inc.	Chicago, Illinois	539	2	\$ 70,000.00
Terrabilt, Inc.	Mamaroneck, New York	533	3	\$119,131.00
RDG Planning & Design	Des Moines, Iowa	470	4	\$ 91,713.00
Selbert Perkin Design	Chicago, Illinois	426	5	\$ 96,000.00
Kiku Obata & Company	St. Louis, Missouri	418	6	\$100,000.00

Motion – Commissioner Reimer
 Seconded – Commissioner Francisco
 Discussion – Todd Coffelt, State Parks Bureau Chief, provided information regarding the need for a specialized contractor to create the plan to address continuity and the need for universal markers.
 Decision – Approved by Unanimous Vote

CARRIED AS PRESENTED

***13. CONTRACT AMENDMENT-1 WITH UNIVERSITY OF NORTHERN IOWA**

Commission approval is requested for a contract amendment with University of Northern Iowa, of Cedar Falls, IA.

Amendment-1 Terms:

Amendment Amount: not to exceed \$17,000

Amendment Dates: January 1, 2019 to June 30, 2019

Funding Source(s): Federal – Competitive State Wildlife Grant

Amendment Purpose: To procure equipment and continued administrative support for field assistants monitoring the wood turtles and the evaluating habitat management on public and private lands as part of this overall competitive grant. Equipment would include a water current meter and up to fifteen new transmitters to replace current ones that are nearing the end of their battery life.

Original Contract Purpose: The purpose of this contract is to retain UNI to provide scientific expertise with regards to habitat needs of the Wood Turtle and complete a radio-telemetry study following Wood Turtle response to habitat restoration efforts. This is a second grant award to continue the NRC approved (11/14/13) project work conducted January 2014-August 2016.

The Wood Turtle is a species of interest to the DNR as well as being a species the US Fish and Wildlife Service is evaluating for listing under the Endangered Species Act (decision expected in 2023). Along with capturing turtles, attaching radio-telemetry units, and monitoring the turtles’ movements, UNI will be able to evaluate habitat management actions which have been conducted as part of the previous SWG-C DNR was awarded for the same objectives. Because of its importance, we again partnered with Wisconsin and Minnesota in this is multi-state federally sponsored project, with all states conducting similar research in their areas. UNI’s faculty have relevant expertise to conduct statistically sound sampling design, properly conducted ecological surveys for Wood Turtles, and analyze the resulting data in a manner relevant to our wildlife management decisions.

Original Selection Process: Intergovernmental contracting with University of Northern Iowa is authorized under 11 IAC 106.4.

Contract History:

Original Contract Terms: Amount \$62,893; Timeframe: 01/01/17-06/30/19

CARRIED UNDER CONSENT

14. CONTRACT WITH IOWA STATE UNIVERSITY COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT

Commission approval is requested for a contract with Iowa State University Cooperative Fish and Wildlife Research Unit of Ames, Iowa.

Contract Terms:

Amount: Not to exceed \$185,672

Dates: January 1, 2019 to December 15, 2021.

DNR shall have the option to extend this Contract for up to six years from the beginning date of the original contract by executing a signed amendment prior to the expiration of this Contract.

Funding Source(s): Federal USFWS Competitive State Wildlife Grant

Contract Purpose: This three year contract is part of a Federal grant in which Iowa and Minnesota are cooperating to restore diverse native prairies for the benefit of Species of Greatest Conservation Need (SGCN). The purpose of the SGCN designation is to put focus on species that need assistance before they reach a critical stage and are listed as an endangered species under the Endangered Species Act. This contract will cover the design and implementation of a research protocol for the most effective establishment and maintenance methods for forbs to achieve diverse, native prairies. The focal area for the project is northwest and north central Iowa, and southwest and south central Minnesota and the targeted pollinators include Regal Fritillary and Monarch butterflies among other butterflies, bees, and moths.

The prairie ecosystem is almost entirely gone in Iowa and Minnesota, resulting in fragmented native prairie that often cannot support viable populations of prairie-dependent wildlife. Prairie reconstruction is one of the major activities conservation practitioners can do to reverse the trends of loss of the prairie ecosystem. Over time, conservation practitioners have added species to their seed mixes from two or three grass species mixes to upwards of one hundred species. Despite this increase in diverse seed mixes, early season forbs remain generally excluded due to low supply and high cost. There are many benefits in using diverse (early, mid, and late-season) blooming forbs in prairie plantings, such as providing early-season pollen and nectar for emerging queen bees; providing nectar and pollen food resources to pollinators that are active at different times of the growing season, increasing diversity of prairie reconstructions making them more resilient to environmental change, providing host plants for species of greatest conservation need (e.g., regal fritillary and monarch), and adding diversity in the vertical structure to benefit grassland birds.

For this prairie restoration research, Iowa State University will collaborate with DNR to meet criteria outlined in the grant proposal to:

- Establish experimental plots in which to evaluate the success of different vegetation management methods in establishing focal plant species that serve as hostplants and nectar resources for pollinators
- Design and implement survey protocols to evaluate the success of plant establishment
- Conduct butterfly surveys and butterfly hostplant surveys, and document floral visitors to experimental plots
- Analyze survey data to determine whether certain prairie planting and maintenance practices are more successful than others in establishing diverse prairies that support healthy pollinator communities

The DNR will use the information for future planning prairie reconstruction and maintenance.

Selection Process Summary: Intergovernmental contracting with Iowa State University is authorized under 11 IAC 118.4.

Motion – Commissioner Reimer Seconded – Commissioner Prickett Decision – Approved by Unanimous Vote

CARRIED AS PRESENTED

15. PUBLIC LAND MANAGEMENT PROJECT

15.1. MANAGEMENT AGREEMENT – DIXON BEACH – WEST OKOBOJI LAKE – CITY OF OKOBOJI

The Natural Resource Commission is requested to approve a management agreement with the City of Okoboji for Dixon Beach on West Okoboji Lake.

Location: The area is located within the city limits of Okoboji on the east side of West Okoboji Lake in Dickinson County.

Site Purpose: The purpose of this management agreement is to transfer the use and care of state-owned land to the City of Okoboji. Dixon Beach is primarily used for water and dock access for adjacent landowners. The site also features a promenade (walking path) which runs the entire length. There is also a public beach and dock accessed by Holiday Way Road.

Management History: The City vacated and transferred the property to the State in 1934 but continued to manage the site since then. This management agreement will formalize the arrangement.

Management Agreement Term: The term of this Agreement with the City of Okoboji to manage the area is through 2043.

Motion – Commissioner Francisco
Seconded – Commissioner Reimer
Decision – Approved by Unanimous Vote

CARRIED AS PRESENTED

***15.2. EASEMENT CONVEYANCE - CLARE WILSON ACCESS - DICKINSON COUNTY**

The Natural Resource Commission is requested to approve an electrical equipment easement at the Clare Wilson Access in Dickinson County.

Project Description: Interstate Power and Light Company (Alliant Energy) via Mi-Tech Services is requesting an easement for constructing, operating and maintaining a step-tie transformer on an area located adjacent to the boat ramp parking lot.

The size of the easement will be 100 ft² (10ft x 10ft) in total.

The District Parks Supervisor reviewed the request and gave his approval.

Compensation: \$0.00

CARRIED UNDER CONSENT

***15.3. MANAGEMENT AGREEMENT – RENEWAL - DENNING CONSERVATION AREA WMA – LEE COUNTY CONSERVATION**

The Natural Resource Commission is requested to approve the renewal of a management agreement with the Lee County Conservation Board to manage the Conrad and Eleanor Denning Conservation Area.

Location: The area is 15 miles northwest of Fort Madison.

Site Purpose: The purpose of this management agreement is to transfer the use and care of state-owned land to the Lee County Conservation Board. This management agreement covers approximately 310 acres donated to the state by the Dennings’ under various transactions from 1980-2000. It will be managed as a recreation area with primary emphasis as a wildlife area.

Management History: Lee County has managed the area since 1980.

Management Agreement Term: The term of this Agreement with the Lee County Conservation Board to manage the Denning Conservation Area is through 2043.

CARRIED UNDER CONSENT

15.4. EASEMENT CONVEYANCE — LEO GRAU WMA – BUENA VISTA COUNTY SWCD

The Natural Resource Commission is requested to approve a Conservation Reserve Enhancement Program (CREP) Easement at the Leo Grau Wildlife Management Area in Buena Vista County.

Project Description: The Buena Vista Soil and Water Conservation District is requesting a ~~30-year~~ permanent conservation reserve enhancement easement for reducing nitrate levels in surface waters. The USDA/IDALS will

construct a water control structure as part of the restoration effort on the property. The area currently serves as a wetland area for public hunting. No public access or use will be lost.

The size of the easement will cover the entire parcel (63.98 acres).

Local wildlife staff have reviewed and improved the proposed easement.

Compensation: \$0.00

Travis Baker, Land and Waters Chief, corrected the brief to reflect a permanent easement versus a 30 year easement.

Motion – Commissioner Prickett

Seconded – Commissioner Francisco

Decision – Approved by Unanimous Vote

CARRIED AS PRESENTED

16. PUBLIC LAND ACQUISITION PROJECTS

16.1. RUBIO WILDLIFE MANAGEMENT AREA, WASHINGTON COUNTY – IOWA NATURAL HERITAGE FOUNDATION

The Natural Resource Commission’s approval is requested to purchase a tract of land located in Washington County adjacent Rubio Wildlife Management Area (WMA).

Seller: Iowa Natural Heritage Foundation (INHF)

Acreage: 53 acres

DNR Purchase Price: \$58,000

Appraised Value: \$58,000

Property Description: This property is located one mile northeast of Rubio in southwestern Washington County. The nearly level tract with grasslands and shallow water wetlands is enrolled in the Wetland Reserve Program. There are no building improvements. Access to the property is provided by county road extending to the south boundary.

Purpose: The property will provide public access to hunting and other outdoor recreation opportunities. This acquisition will allow for frequent flooding and reversion into early succession river forest and associated shallow water areas that change with the nearby South Skunk River levels.

DNR Property Manager: Wildlife Bureau

Funding Source(s): \$53,000 Ducks Unlimited-Upper Mississippi Migration Corridor NAWCA, \$5,000 REAP Open Spaces

Incidental Costs: Incidental closing costs will be the responsibility of the Department. This property will remain on the property tax rolls.

Motion – Commissioner Reimer

Seconded – Commissioner Francisco

Decision – Approved (1 nay- Commissioner Hommel)

CARRIED AS PRESENTED

16.2. FOX HILLS WILDLIFE MANAGEMENT AREA, WAPELLO COUNTY – IOWA NATURAL HERITAGE FOUNDATION

The Natural Resource Commission’s approval is requested to purchase a tract of land located in Wapello County adjacent Fox Hills Wildlife Management Area (WMA).

Seller: Iowa Natural Heritage Foundation (INHF)

Acreage: 116 acres

DNR Purchase Price: \$267,467

Appraised Value: \$267,467

Property Description: This property is located 2 miles south of Agency in southeastern Wapello County. The entire tract consists of heavily forested limestone bluffs and ravines sloping south to the Des Moines River at the south boundary. The upland forested areas are high quality hardwoods. There are no building improvements.

Access to the property is provided by a 30-foot wide easement extending south from a county, gravel road, as well as through existing state-owned land adjacent east.

Purpose: This tract reflects diverse wildlife habitats that will support the Indiana bat and several neotropical migrant species. The property will provide public access to hunting and other outdoor recreation opportunities.

DNR Property Manager: Wildlife Bureau

Funding Source(s): Federal Pittman-Robertson

Incidental Costs: Incidental closing costs will be the responsibility of the Department.

Motion – Commissioner Prickett
Seconded – Commissioner Francisco
Todd Bishop, Wildlife Bureau Chief, provided a summary of planning priorities and implementation strategies and efforts.
Decision – Approved (1 nay- Commissioner Hommel)

CARRIED AS PRESENTED

16.3. HERITAGE HILLS WILDLIFE MANAGEMENT AREA, CLARKE COUNTY – IOWA NATURAL HERITAGE FOUNDATION

The Natural Resource Commission’s approval is requested to purchase a tract of land located in Clarke County near Heritage Hills Wildlife Management Area (WMA).

Seller: Iowa Natural Heritage Foundation (INHF)

Acreage: 161 acres

DNR Purchase Price: \$618,000

Appraised Value: \$618,000

Property Description: This property is located 6 miles north of Murray in northwestern Clarke County. The rolling tract consists of 122 acres of timber and grassland, 37 acres of cropland, and 2 acres of road right-of-way. The forested areas are a typical oak/hickory mix. There are no building improvements. County gravel roads provide access along the west and south boundaries of the property.

Purpose: This tract reflects diverse habitats for upland game. The property will provide public access to hunting and other outdoor recreation opportunities.

DNR Property Manager: Wildlife Bureau

Funding Source(s): Federal Pittman-Robertson

Incidental Costs: Incidental closing costs will be the responsibility of the Department.

Motion – Commissioner Reimer
Seconded – Commissioner Francisco
Decision – Approved (1 nay- Commissioner Hommel)

CARRIED AS PRESENTED

16.4. PILOT KNOB WILDLIFE MANAGEMENT AREA, WINNEBAGO CO. – IOWA NATURAL HERITAGE FOUNDATION

The Natural Resource Commission’s approval is requested to purchase a tract of land located in Winnebago County adjacent Pilot Knob Wildlife Management Area (WMA).

Seller: Iowa Natural Heritage Foundation (INHF)

Acreage: 163 acres

DNR Purchase Price: \$170,000

Appraised Value: \$206,000

Property Description: This property is located 6 miles northeast of Forest City in southeastern Winnebago County. The gently sloping to depressional tract with grasslands and shallow sloughs is enrolled in the Wetland Reserve Program. There are no building improvements. Access to the property is provided by county, gravel roads along the north and west boundaries.

Purpose: The property will provide public access to hunting and other outdoor recreation opportunities. This acquisition will allow for restoration of wetland basins interspersed with tallgrass prairie and potential to restore many acres of oak savanna, providing for valuable wildlife habitats.

DNR Property Manager: Wildlife Bureau

Funding Source(s): \$103,438 from Prairie Lakes 10 NAWCA, \$66,562 from Wildlife Habitat Stamp

Incidental Costs: Incidental closing costs will be the responsibility of the Department. This property will remain on the property tax rolls.

Motion – Commissioner Reimer
Seconded – Commissioner Francisco
Decision – Approved (1 nay- Commissioner Hommel)

CARRIED AS PRESENTED

16.5. HERITAGE HILLS WILDLIFE MANAGEMENT AREA, WARREN COUNTY – IOWA NATURAL HERITAGE FOUNDATION

The Natural Resource Commission’s approval is requested to purchase a tract of land located in Warren County near Heritage Hills Wildlife Management Area (WMA).

Seller: Iowa Natural Heritage Foundation (INHF)

Acreage: 178 acres

DNR Purchase Price: \$794,000

Appraised Value: \$794,000

Property Description: This property is located 2 miles east of New Virginia in southwestern Warren County. The rolling to level tract consists of 95 acres of timber, grassland and creeks, 58 acres of cropland, 24 acres enrolled in CRP, and 1 acre of road right-of-way. The bottomland is severed by Squaw Creek and mostly within the area of 100-year floodplain. The upland forested areas are a typical oak/hickory mix. There are no building improvements. A county gravel road provides access along the north boundary of the property.

Purpose: This tract reflects diverse wildlife habitats, primarily for upland game. The property will provide public access to hunting and other outdoor recreation opportunities.

DNR Property Manager: Wildlife Bureau

Funding Source(s): Federal Pittman-Robertson

Incidental Costs: Incidental closing costs will be the responsibility of the Department.

Motion – Commissioner Francisco
Seconded – Commissioner Reimer
Decision – Approved (1 nay- Commissioner Hommel)

CARRIED AS PRESENTED

16.6. PILOT KNOB WILDLIFE MANAGEMENT AREA, WINNEBAGO COUNTY – JOHNSON

The Natural Resource Commission’s approval is requested to purchase a tract of land located in Winnebago County near Pilot Knob Wildlife Management Area (WMA).

Seller: [Iowa Natural Heritage Foundation \(INHF\) John-Johnson](#)

Acreage: 79.5 acres

DNR Purchase Price: \$84,513

Appraised Value: \$84,513

Property Description: This property is located 7 miles northeast of Forest City in southeastern Winnebago County. The tract is gently sloping with level to depressional flats enrolled in the permanent Wetlands Reserve Easement. The Wetlands Reserve easement land is seeded to native prairie grasses and includes wetland slough areas. The property has no building improvements. County roads front along the east and south boundaries of the tract.

Purpose: This tract will provide diversity for several habitat types to manage for restoration of a shared wetland basin and additional recovery of native prairie species. The property will provide public access to hunting and other outdoor recreation opportunities.

DNR Property Manager: Wildlife Bureau

Funding Source(s): Federal Prairie Lakes & NAWCA

Incidental Costs: Incidental closing costs will be the responsibility of the Department.

Travis Baker noted a correction within the brief under seller to reflect the Johnson family instead of Iowa Natural Heritage Foundation (INHF).

Motion – Commissioner Prickett

Seconded – Commissioner Francisco

Decision – Approved (1 nay- Commissioner Hommel)

CARRIED AS PRESENTED

16.7. SEDAN BOTTOMS WILDLIFE MANAGEMENT AREA, APPANOOSE CO. – IOWA NATURAL HERITAGE FOUNDATION

The Natural Resource Commission’s approval is requested to purchase a tract of land located in Appanoose County adjacent Sedan Bottoms Wildlife Management Area (WMA).

Seller: Iowa Natural Heritage Foundation (INHF)

Acreage: 458 acres

DNR Purchase Price: \$590,500

Appraised Value: \$641,000

Property Description: This property is located six miles southeast of Exline in southeastern Appanoose County. The nearly level tract lies within the floodplain of the Chariton River, which borders a portion along the westerly boundary and bisects the north region of the property. Most of the land (344 acres) is enrolled in the permanent Wetlands Reserve Program with remainder as unencumbered grasslands and bottomland timber. There are no building improvements. Access is provided by county roads along portions of the east and south sides of the property.

Purpose: The property currently reflects excellent wetland development, and will provide public access to hunting and other outdoor recreation opportunities. This acquisition will allow for frequent flooding and reversion into early succession river forest and associated shallow water areas that change with the nearby Chariton River levels.

DNR Property Manager: Wildlife Bureau

Funding Source(s): Federal Pittman-Robertson

Incidental Costs: Incidental closing costs will be the responsibility of the Department.

Motion – Commissioner Francisco

Seconded – Commissioner Reimer

Decision – Approved (1 nay- Commissioner Hommel)

CARRIED AS PRESENTED

17. CONSTRUCTION - SMALL PROJECTS

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

Bid Date	Project No.	Location	County	Summary	Cost Estimate	Bids

10/25/18	19CRDPARKJ YALE-0001 #D4FY19-51	Wildcat Den State Park	Muscatine	Demolish the existing pit latrine and replace with a new double-hole pit latrine.	\$80,000	\$54,764.00 \$56,200.00 \$59,900.00 \$78,000.00
11/1/18	19-01-67-01 Parks	Lewis and Clark State Park	Monona	Demolish the existing pit latrine; install a new pit latrine and sidewalk to the existing parking area.	\$43,350	\$44,094.90 \$86,699.90
11/1/18	18-05-91-01 Parks	Lake Ahquabi State Park	Warren	Constructing a concrete parking lot for 5 vehicles with boat trailers.	\$29,808	\$16,350.00 \$24,785.00 \$345,640.00
11/5/18	18-02-99-01 Wildlife	Elm Lake WMA	Wright	Installing new tiling, installing a water control structure, and plugging existing tiles.	\$30,000	\$32,960.00
11/8/18	19-02-08-01 Wildlife	Boone Research Station	Boone	Install 10" of loose fill fiberglass insulation to the attic of the Research Station.	\$15,000	\$2,559.60 \$4,621.50 \$5,996.10 \$12,798.00 \$12,798.00
11/15/18	19-03-12-02 Wildlife	Lower West Fork Wildlife Area	Butler	Excavating 7 shallow water ponds and using the excavated material to construct 6 habitat mounds.	\$25,000	\$24,407.50 \$27,642.00
10/25/18	19CRDPARKJ GILM-0001 #D2FY19-52	Bellevue State Park	Jackson	Demolish existing double pit latrine system and install a new single pit latrine.	\$40,000	\$40,313.00 \$43,900.00
10/25/18	19CRDPARK MMOLE- 0001 #D3FY19-53	Waubonsie State Park	Fremont	Removal of old pit latrine and placing new pit latrine in equestrian area.	\$40,000	\$44,000.00 \$44,250.00
10/25/18	19CRDPARKD SUNN-0001 #D2FY19-4	Backbone State Park	Delaware	Renovate one of the CCC pit latrines and replace the roof.	\$35,000	\$20,410.00 \$24,878.00 \$40,275.00
10/25/18	19CRDPARKB ANDE-0001 #D4FY19-53	Rock Creek State Park	Jasper	Removal of old pit latrine and placing new pit latrine in non-electric campground,	\$40,000	\$38,550.00 \$40,600.00
10/25/18	19CRDPARKB ANDE-0002 #D4FY19-54	Rock Creek State Park	Jasper	Removal of old pit latrine and placing new pit latrine in picnic area.	\$40,000	\$38,550.00 \$40,600.00
10/25/18	19CRDPARKD LATH-0001 #D3FY19-51	Nine Eagles State Park	Decatur	Removal of old pit latrine and placing a new pit latrine in the non-electric campground area.	\$40,000	\$33,295.00 \$39,850.00 \$42,150.00 \$44,250.00
10/25/18	19CRDPARKS MICH-0001 #D2FY19-3	Pikes Peak State Park	Clayton	Remove old shingles and install new sheathing, drip edge, roofing felt and laminated shingles on 1 pit latrine and 2 gazebos.	\$20,000	\$11,482.00

10/25/18	19CRDPARKS MICH-0004 #D2FY19-6	Backbone State Park	Delaware	Remove and install new sheathing, fascia boards, drip edge, underlayment, Jay Trim and asphalt shingles on 2 picnic shelters.	\$25,000	\$12,489.00 \$25,967.00 \$26,057.00
10/25/18	19CRDPARKS MICH-0003 #D2FY19-7	Backbone State Park	Delaware	Remove old and install new sheathing, drip edge, underlayment, and asphalt shingles on 3 CCC shelters.	\$35,000	\$24,614.00 \$28,820.00
10/25/18	19CRDPARKD SLEE-0001 #D3FY19-52	Lake of Three Fires	Taylor	Replace pit latrine in the picnic area.	\$40,000	\$34,595.00 \$42,900.00 \$45,250.00
10/25/18	18-01-30-06 #D1FY19-10	Gull Point State Park	Dickinson	Remove and replace wood timbers of the entrance portal gate, salvage and re-use the hardware, stain the new timbers, and clean the stone monument.	\$25,000	\$19,198.00 \$41,730.00 \$48,380.00
11/1/18	19CRDPARKS MICH-0006 #D2FY19-8	Bellevue State Park	Jackson	Remove and install 11 windows and 3 doors in the lodge.	\$25,000	\$14,707.46 \$14,980.00

INFORMATIONAL

18. CONTRACT WITH THE DICKINSON COUNTY WATER QUALITY COMMISSION

Commission approval is requested for a contract with the Dickinson County Water Quality Commission (WQC), of Spirit Lake, Iowa.

Contract Terms:

Amount: Not to exceed \$105,528.00

Dates: December 13, 2018 to June 30, 2020

Funding Source(s): Lake Restoration Program

Contract Purpose: The DNR and WQC recognize that lakes in Dickinson County, including but not limited to the Iowa Great Lakes (IGL), Center Lake, and Silver Lake, are significant public resources and both the DNR and WQC support efforts to improve or protect the quality of lakes in this region. The IGL are major recreational lakes for Iowa residents and visitors from adjacent states.

The WQC was established in 2001 to provide a steady funding source for water quality projects for lakes in Dickinson County through a grant program that encourages local, state, or federal match. The DNR has been a partner with the WQC since 2015 supporting projects that improve or protect water quality, such as creation or maintenance of Best Management Practices, erection and maintenance of storm water runoff facilities, watershed protection, water monitoring, and other activities that enhance or promote water quality.

The WQC received eight applications for their recent grant cycle, of which they will be funding seven of the eight projects in the amount of \$275,528 with local match contributions of \$1,221,744. This contract will help support the three of the projects that meet the DNR Lakes Program requirements. Tasks for these three projects include:

- Construction of an urban storm water wetland and retrofit of the storm water sewer draining into East Okobojo Lake (Francis Site Wetland; Project application FY19-05)
- Shoreline Restoration at Papoose and Hiawatha Parks to reduce shoreline erosion below the ordinary high water mark line (Mineyata Park Lot Owners; Project application FY19-08)

- Water quality monitoring in the Silver Lake Watershed (Silver Lake Park Improvement Association; Project application FY19-01)

The following is the cost share partnership for this contracted work:

Local Cost-Share Sources	\$1,221,744
<i>(The City of Spirit Lake, Dickinson County, the Dickinson County Endowment, The Okoboji Foundation, Urban WQI Grant administered by IDALS, East Okoboji Land Improvement Corporation, the City of Wahpeton, Minneyata Park Lot Owners Association members, the Wahpeton Canal Association, and the Silver Lake Park Improvement Association)</i>	
IA DNR Lake Restoration Program	\$ 105,528
Water Quality Commission	<u>\$ 170,000</u>
<i>(The WQC also provides \$30,000 to support the program’s administrative costs.)</i>	
Total Cost	\$1,497,272

Selection Process Summary: Intergovernmental contracting with the WQC is authorized under 11 IAC 118.4.

Motion – Commissioner Prickett
 Seconded – Commissioner Francisco
 Decision – Approved by Unanimous Vote

CARRIED AS PRESENTED

19. CONTRACT WITH STORY COUNTY CONSERVATION BOARD

Commission approval is requested for a contract with the Story County Conservation Board (SCCB), of Ames, Iowa.

Contract Terms:

Amount: Not to exceed \$2,582,346.75

Dates: December 13, 2018 to June 30, 2020

DNR shall have the option to extend this Contract for up to six years from the beginning date of the original contract by executing a signed amendment prior to the expiration of this Contract.

Funding Source(s): Lake Restoration Program

Background: Hickory Grove Lake is a 100-acre constructed lake in Story County with a lake to watershed ratio of 40:1. According to the CARD 2014 survey, the lake has about 44,000 estimated annual household visits and serves as a regionally important lake. The Story County Conservation Board reports that the park is popular camping and fishing destination within the county, and sees many visitors from within a 60-mile radius. The lake is also home to a popular triathlon each spring. Popular activities include fishing, camping, relaxing, and wildlife watching. In recent years, the lake has experienced a number of rain event-driven water quality problems that are negatively affecting this resource. Sedimentation in arms of the lake has impacted recreation and surface run-off has led to gully erosion, debris, and nitrogen spikes in samples collected from the watershed. Additionally, the beach at the lake has been listed as impaired due to high concentrations of indicator bacteria. While the fishery remains relatively healthy, carp have limited vegetation in the lake. Aquatic vegetation is important fish habitat and helps keep water clear by removing nutrients from the water column and minimizing sediment re-suspension due to wind and wave action in nearshore areas.

In 2014, to address issues, Story CCB received a WIRB (Watershed Improvement Review Board) grant and partnered with DNR’s Lake Restoration Program to complete work to minimize sediment and nutrients being delivered to the lake. The \$506,308 project (60% Local; 40% Lake Restoration) was completed in 2016. In the summer of 2016, DNR and Story CCB worked to complete a preliminary assessment of the park grounds to determine where additional practices could be placed to mitigate gully erosion in the park and improve existing sediment ponds in the park. A project to implement Best Management Practices at identified locations was initiated and 25 rock silt dikes were constructed, shoreline areas were armored, and drainage tile repair work was done. The \$124,043 project (75% Lake Restoration, 25% SCCB) was completed in September 2018.

Contract Purpose: The purpose of this contract is to work with the SCCB to complete restoration work within Hickory Grove Park. The project consists of targeted mechanical dredging, placing fish habitat, constructing two

boat ramps, and armoring portions of the shoreline. Deposited sediment will be removed from five bays below gully outlets as well as the upper end of the lake. Excavated sediment will be spoiled in an upland location within the park and will be seeded into native prairie. Native soils will be excavated in two popular fishing areas, near the main boat ramp/campground and near the south shoreline. The excavated native soil will be used to increase the size of the existing island, create new fishing jetties, provide core material for fish habitat, and build up the shoreline for the two new boat ramps and a proposed walking trail. Both existing boat ramps will be rebuilt with expanding parking. A walking trail will be graded along the south shoreline, and will connect to the existing trail system. The new section will allow patrons to walk completely around the lake without having to walk on the county roads.

DNR Contribution (75%):	Not to exceed \$2,582,346.75
SCCB Contribution (25%):	Not to exceed \$ 860,782.25
Total Cost:	Not to exceed \$3,443,129.00

This project completes the planned restoration work at Hickory Grove.

Selection Process Summary: Intergovernmental contracting with the SCCB is authorized under 11 IAC 118.4.

Motion – Commissioner Reimer
 Seconded – Commissioner Francisco
 Decision – Approved by Unanimous Vote

CARRIED AS PRESENTED

20. CONTRACT WITH SCOTT COUNTY CONSERVATION BOARD

Commission approval is requested for a contract with the Scott County Conservation Board (SCCB), of Davenport, Iowa.

Contract Terms:

Amount: Not to exceed \$462,192.75

Dates: December 13, 2018 to June 30, 2020

DNR shall have the option to extend this Contract for up to six years from the beginning date of the original contract by executing a signed amendment prior to the expiration of this Contract.

Funding Source(s): Lake Restoration Program

Background: The Lake of the Hills complex of lakes encompasses four publicly owned lakes (Lake of the Hills, Railroad Lake, Bluegrass Lake, and Lambach Lake) within West Lake Park, which is owned and operated by SCCB. The park serves as an important recreation destination for eastern Iowa, with approximately 500,000 visitors to the park each year. During the summer months, the campground is filled most days and most park shelters are rented to capacity. The park is in the process of making additional infrastructure improvements, including building cabins to attract additional users. Additionally, West Lake Park is the home of the Quad Cities Triathlon, drawing approximately 700 athletes to the park. Other day uses include fishing, paddling, environmental education, hiking, photography, bird watching, and relaxation.

Lake of the Hills, located within West Lake Park, is a 54.6 acre lake with a watershed of approximately 1500 acres (27.5:1 watershed to lake area ratio). Thirty-eight percent of the watershed is located within the park’s boundaries, including 90.6 acres of water and 521 acres of land. Lake of the Hills is surrounded by four smaller lakes, three of which are contained within the park and under public ownership. Until recently, the smaller lakes have protected Lake of the Hills; however high sedimentation rates and declining water quality in recent years have had a negative impact on overall water quality and recreational opportunities at the park.

Over the years, water quality at Lake of the Hills and the surrounding lakes has degraded due to increased nutrient and sediments from the watershed. Excess nutrients, especially phosphorus, have led to frequent algae blooms and low water clarity. Sedimentation in the smaller lakes surrounding Lake of the Hills has contributed to the decline in overall water quality at the park. Lake of the Hills is considered impaired by DNR and the EPA. To meet state water quality standards, a combination of restoration practices were needed. In 2016, both a TMDL (Total Maximum Daily Load) and Watershed Management Plan were developed for Lake of the Hills. In 2017, The SCCB hired FYRA Engineering to evaluate potential restoration strategies identified in the watershed improvement plan.

Restoration strategies within the park (watershed) and in the lake were prioritized for water quality benefits to the lake and costs, and a conceptual design and planning budget for the overall project was completed. Work completed to date at West Lake Park:

Evaluation and Conceptual Design of Restoration Strategies for West Lake Park (improvements on public ground and in-lake restoration strategies)

DNR Contribution (75%):	Not to exceed \$32,526.45
<u>SCCB Contribution (25%):</u>	<u>Not to exceed \$10,842.15</u>
Total Cost:	Not to exceed \$43,368.60

Engineering Services including design, permitting, bid letting and construction oversight

DNR Contribution (75%):	Not to exceed \$380,020.50
<u>SCCB Contribution (25%):</u>	<u>Not to exceed \$126,673.50</u>
Total Cost:	Not to exceed \$506,694.00

Contract Purpose: This project consists of constructing three sediment ponds, rehabilitating two existing sediment ponds, constructing a bioswale, and stream enhancement work. Three new sediment ponds will be constructed in the watershed using earthfill borrowed from within the proposed pool. The construction access routes and tops of the dams will be incorporated into a hiking trail system. Two existing ponds have silted in and have lost much of their functionality. To gain additional storage volume, the dams will be raised and some sediment will be removed. The existing beach parking lot currently drains via surface flow through turf grass into the lake. This project will construct a bioswale consisting of amended soil, native plug plantings, and three check dams. This will filter subsequent surface flow, and improve infiltration. The stream enhancement work consists of reconnecting the incised streams to their floodplain by flattening the stream banks and stabilizing them with native vegetation.

DNR Contribution (75%):	Not to exceed \$462,192.75
<u>SCCB Contribution (25%):</u>	<u>Not to exceed \$154,064.25</u>
Total Cost:	Not to exceed \$616,257.00

Anticipated Future Work: Future work will include in-lake restoration strategies that are currently being designed. The project will include targeted mechanical dredging of ~150,000 CY of sediment from the lakes in West Lake Park, shoreline deepening and stabilization, installation of fish habitat, and upgrades/repairs to the drawdown structures at Railroad and Bluegrass Lakes (estimated \$2.8 million).

Selection Process Summary: Intergovernmental contracting with the SCCB is authorized under 11 IAC 118.4.

Motion – Commissioner Francisco
Seconded – Commissioner Reimer
Decision – Approved by Unanimous Vote

CARRIED AS PRESENTED

21. CHAPTER 30 - WATERS COST-SHARE AND GRANTS PROGRAM, LOW-HEAD DAM PUBLIC HAZARD GRANT RECOMMENDATIONS

The Commission is requested to approve the following grant recommendations pursuant to Chapter 30, Waters Cost-share and Grants Programs.

Grant Purpose: The purpose of the Low-Head Dam Public Hazard Program is to reduce drowning hazards and promote fish passage on Iowa’s navigable rivers. Eligible applicants include any owner of a low-head dam or a partner organization. As outlined in rule, grants are issued at least annually if funding is available. The last grants were issued in March 2017.

Funding Source(s): Rebuild Iowa Infrastructure Fund

Grant Funding Available: Funding available for this grant cycle is \$200,000.

Summary of Selection Process: As directed by criteria under Chapter 30, the grant review and selection committee met on October 23, 2018, to evaluate and score applications and to provide recommendations for

the grant awards. A minimum 50 percent cost-share is required from the applicant. The total cost of all projects submitted for this application period was \$456,900.

Selection Committee Members: The review and selection committee consisted of five members:

- Citizen stakeholders (2)
- DNR Staff (3)

Recommendations: The committee recommends funding all projects. Any unused funds or if ranked projects decline their award, dollars will revert back to the project development fund for use in future projects.

DEVELOPMENT GRANT				
Ranked by Score	Grant Applicant	Project Description	Grant Amount Requested	Recommended Award
95	Linn County Conservation Board	Pinicon Ridge Park Dam Mitigation	\$50,000	\$50,000
92	Northeast Iowa RC&D	Clermont Dam Mitigation	\$16,000	\$16,000
79.4	City of Mason City	Dam No. 3 Construction (Winnebago River LHD Mitigation)	\$40,000	\$40,000
79.2	City of Mason City	Dam No. 1 Design & Permitting (Winnebago River LHD Mitigation)	\$38,000	\$38,000
78.6	City of Mason City	Dam No. 2 Construction (Winnebago River LHD Mitigation)	\$36,000	\$36,000
77.4	City of Panora	Lenon Mill Dam River Trail Project	\$18,200	\$18,200
DEVELOPMENT GRANT TOTALS			\$198,200	\$198,200

Motion – Commissioner Prickett
 Seconded – Commissioner Reimer
 Discussion – Nate Hooegeven, Water Trails Coordinator, provided information regarding the funding allowed for certain aspects of projects and potential for future projects.
 Decision – Approved by Unanimous Vote

CARRIED AS PRESENTED

22. CONSTRUCTION PROJECTS

22.1. LITTLETON DAM, DAM MITIGATION – BUCHANAN COUNTY

The Department requests Commission approval of the following construction project:

Project Summary: This project will improve recreational safety and navigational passage on the Wapsipinicon River while restoring normal fish movements in the Wapsipinicon River by replacing a dam with rock rapids. The Littleton Dam was built with Civil Works Administration funds with support by State Fish and Game Commission in 1934. Since then, nine known fatalities have occurred at this dam along with dozens of rescue situations due to both the popularity of angling at the area and the recirculating currents of the dam itself. Care will be taken to replace angling opportunities at the site. The final drop of the rapids plunges into the same scour pool of the existing dam in order to replicate characteristics valued by anglers.

Construction Needed: The dam will be removed and its materials will be incorporated as sub-base. A rock arch rapids will be constructed in its place to approximately the same elevation of the dam to avoid affecting shallow wells upstream. The river banks will be re-graded, and boulder arches will be placed for stability.

Engineering Project #: 10-03-10-01

Cost Estimate: \$470,000

Operating Bureau: Land & Waters

Funding Source: Marine Fuel Tax

Plans Issue Date: 10/24/2018

Bid Letting Date: 11/15/2018

Completion Date: 6/30/2019

Number of Bids Received: 6

Bidders

Veit & Company, Inc.	Rogers, MN	\$439,708.00
Dave Schmitt Construction Company Inc.	Cedar Rapids, IA	\$491,162.50
Skyline Construction Inc.	Decorah, IA	\$551,919.50
Tschiggfrie Excavating	Dubuque, IA	\$803,039.00
Ray's Excavating, LLC	Edgewood, IA	\$833,320.00
CJ Moyna and Sons, Inc.	Elkader, IA	\$957,667.00

Upon Engineering’s review of bids, IDNR recommends awarding the contract to Veit & Company, Inc.

Motion – Commissioner Francisco
 Seconded – Commissioner Prickett
 Discussion – Nate Hoogeveen, Water Trails Coordinator, provided information regarding similar types of structures, their longevity and maintenance, and the angling feature and purpose.
 Decision – Approved by Unanimous Vote

CARRIED AS PRESENTED

22.2. HICKORY GROVE LAKE, MECHANICAL DREDGING & SHORELINE ARMORING – STORY COUNTY

The Department requests Commission approval of the following construction project:

Project Summary: Hickory Grove Lake is a 100-acre constructed lake in Story County with a lake to watershed ratio of 40:1. According to the CARD 2014 survey, the lake has about 44,000 estimated annual household visits and serves as a regionally important lake. The Story County Conservation Board reports that the park is popular camping and fishing destination within the county, and sees many visitors from within a 60-mile radius. The lake is also home to a popular triathlon each spring. Popular activities include fishing, camping, relaxing, and wildlife watching. In recent years, the lake has experienced a number of rain event-driven water quality problems that are negatively affecting this resource. Sedimentation in arms of the lake has impacted recreation and surface run-off has led to gully erosion, debris, and nitrogen spikes in samples collected from the watershed. Additionally, the beach at the lake has been listed as impaired due to high concentrations of indicator bacteria. While the fishery remains relatively healthy, carp have limited vegetation in the lake. Aquatic vegetation is important fish habitat and helps keep water clear by removing nutrients from the water column and minimizing sediment re-suspension due to wind and wave action in nearshore areas.

Since 2014, SCCB and DNR’s Lake Restoration Program have worked to minimize sediment and nutrients being delivered into the lake and implement best Management Practices such as constructing 25 rock silt dikes, armor shoreline areas, and repair drainage tile.

This project consists of targeted mechanical dredging, placing fish habitat, constructing two boat ramps, and armoring portions of the shoreline. Deposited sediment will be removed from five bays below gully outlets as well as the upper end of the lake. Excavated sediment will be spoiled in an upland location within the park and will be seeded into native prairie. Native soils will be excavated in two popular fishing areas, near the main boat ramp/campground and near the south shoreline. The excavated native soil will be used to increase the size of

the existing island, create new fishing jetties, provide core material for fish habitat, and build up the shoreline for the two new boat ramps and a proposed walking trail. Both existing boat ramps will be rebuilt with expanding parking. A walking trail will be graded along the south shoreline, and will connect to the existing trail system. The new section will allow patrons to walk completely around the lake without having to walk on the county roads.

Construction Needed: The maximum depth of the lake is approximately 35 feet; however, the drawdown valve on the dam is only 9 feet below normal pool. As a result, the contractor will have to pump the lake down, and maintain sump pumps during construction. Standard heavy earth moving equipment is expected to be used to excavate soils and create the embankments. Rebuild existing boat ramps and expand parking.

Engineering Project #: 16-02-85-05

Cost Estimate: \$3,400,000.00

Operating Bureau: Land and Waters

Funding Source: 75% Lake Restoration; 25% Story County Conservation

Plans Issue Date: 10/29/2018

Bid Letting Date: 11/15/2018

Completion Date: 4/30/2020

Number of Bids Received: 5

Bidders

RW Excavating Solutions LC	Prairie City, IA	\$2,994,024.97
Peterson Contractors, Inc.	Reinbeck, IA	\$3,411,040.95
Hendrickson Transportation, LLC	Hamburg, IA	\$3,741,187.00
Veit & Company, Inc.	Rogers, MN	\$3,806,090.85
CJ Moyna and Sons, Inc.	Elkader, IA	\$6,168,162.80

Upon Engineering’s review of bids, IDNR recommends awarding the contract to RW Excavating Solutions LC.

Motion – Commissioner Francisco

Seconded – Commissioner Reimer

Decision – Approved by Unanimous Vote

CARRIED AS PRESENTED

22.3. WEST LAKE COMPLEX, WATERSHED IMPROVEMENTS –SCOTT COUNTY

The Department requests Commission approval of the following construction project:

Project Summary: The Lake of the Hills (LOTH) complex of lakes encompasses four publicly owned lakes (Lake of the Hills, Railroad Lake, Bluegrass Lake, and Lambach Lake) within West Lake Park, which is owned and operated by SCCB. The park serves as an important recreation destination for eastern Iowa, with approximately 500,000 visitors to the park each year. During the summer months, the campground is filled most days and most park shelters are rented to capacity. The park is in the process of making additional infrastructure improvements, including building cabins to attract additional users. Additionally, West Lake Park is the home of the Quad Cities Triathlon, drawing approximately 700 athletes to the park. Other day uses include fishing, paddling, environmental education, hiking, photography, bird watching, and relaxation.

Over the years, water quality at LOTH and the surrounding lakes has degraded due to increased nutrient and sediments from the watershed. Excess nutrients, especially phosphorus, have led to frequent algae blooms and low water clarity. Sedimentation in the smaller lakes surrounding LOTH has contributed to the decline in overall water quality at the park. LOTH is considered impaired by DNR and the EPA. To meet state water quality standards, a combination of restoration practices were needed. In 2016, both a TMDL and Watershed Management Plan were developed. In 2017, The SCCB hired FYRA Engineering to evaluate restoration strategies identified in the watershed improvement plan. Strategies within the park (watershed) and in the lake were prioritized for water quality benefits to the lake and costs, and a conceptual design and planning budget for the overall project was completed.

This project consists of constructing three sediment ponds, rehabilitating two existing sediment ponds, constructing a bioswale, and stream enhancement work. Three new sediment ponds will be constructed in the watershed using earthfill borrowed from within the proposed pool. The construction access routes and tops of the dams will be incorporated into a hiking trail system. Two existing ponds have silted in and have lost much of their functionality. To gain additional storage volume, the dams will be raised and some sediment will be removed. The existing beach parking lot currently drains via surface flow through turf grass into the lake. This project will construct a bioswale consisting of amended soil, native plug plantings, and three check dams. This will filter subsequent surface flow, and improve infiltration. The stream enhancement work consists of reconnecting the incised streams to their floodplain by flattening the stream banks and stabilizing them with native vegetation.

Construction Needed: Standard heavy earth moving equipment is expected to be used to build the new earthen embankment pond dams, rehabilitate the two existing ponds, and do stream work. Smaller equipment, such as mini excavators and skid loaders, will be used to construct the bioswale.

Engineering Project #: 17-06-82-01

Cost Estimate: \$620,000.00

Operating Bureau: Land & Waters Bureau

Funding Source: 75% Lake Restoration; 25% Scott County Conservation

Plans Issue Date: 10/29/2018

Bid Letting Date: 11/15/2018

Completion Date: 11/15/2019

Number of Bids Received: 8

Bidders

H & H Construction & Development LLC	Sabula, IA	\$535,893.91
Ardo Schmidt Const. Inc.	Preston, IA	\$542,789.26
Customized Environmental Solutions	West Des Moines, IA	\$573,634.57
Langman Construction Inc.	Rock Island , IL	\$595,810.56
Engelbrecht Farms Inc.	Davenport, IA	\$669,646.88
BWC Excavating, LC	Solon, IA	\$765,961.25
McCarthy Improvement Company	Davenport, IA	\$1,300,364.15
Triple B Construction	Wilton , IA	\$1,511,605.05

Upon Engineering’s review of bids, IDNR recommends awarding the contract to H & H Construction & Development LLC.

Motion – Commissioner Francisco
 Seconded – Commissioner Reimer
 Decision – Approved by Unanimous Vote

CARRIED AS PRESENTED

22.4. VIKING LAKE STATE PARK, OFFICE/STORAGE BUILDINGS – MONTGOMERY COUNTY

The Department requests Commission approval of the following construction project:

Project Summary: Viking Lake State Park includes a 137-acre lake that was constructed in 1957 and is 44 feet at its deepest point with many bays and projecting points on its four and one-half mile shoreline. The Viking Lake campground is one of the most popular in southwest Iowa. The spacious, shady campground is located on the lakeshore. The campground includes electrical and full service hookups, buddy sites, non-electrical sites, playground, six miles of hiking trails, modern rest rooms and showers, and a trailer dump station. A large portion of the 1,000-acre park has been left in its natural state and has an abundance of wild flowers, plants and wildlife.

This project will construct a new office/shop building and erect a new storage building. The Design Guide park office/shop building will replace the current 1950s/60s era office/shop. The current office space is small

(approximately 12'x15') for the two full-time staff and 5-8 seasonals, as well as serving as an entry point for the public, and the building is not energy efficient. In the shop, where tractor and equipment repairs and maintenance are done, the height and width of the bays and building depth no longer accommodate the standard size of today's equipment and machinery. Also, a section of the foundation is failing in a corner of the shop. The contractor will demolish the existing shop and office.

The new office building will have a vestibule that will house park information 24/7 and serve as an entry point for the public, one large open office space, one storage area, one restroom, mechanical room, and a twelve person conference/break room which will be used for local or district staff meetings or public meetings. The shop area will have a two bay heated garage for repairs and maintenance and storage for mowers, tools, equipment, cleaning products, and supplies. There will be a paved drive into the garage bays and a storage yard to the rear of the building. The site will also receive a 40' x 80' post-frame four bay cold storage building adjacent to the new office and shop. Two of the four bays will be utilized by the Law Enforcement Bureau. Law Enforcement will store patrol boats and associated navigation equipment used for enforcement activity in the region.

Construction Needed: Construction needed on this project shall be installation of utility service (water and sanitary), grading/clearing land around the building site, building erection of shop/office building and storage building, and mechanical/electrical work within the two proposed buildings.

Engineering Project #: 17-04-69-02

Cost Estimate: \$864,835.00

Operating Bureau: Parks

Funding Source: Parks Infrastructure 83%, Marine Fuel Tax 17%

Plans Issue Date: 10/24/2018

Bid Letting Date: 11/15/2018

Completion Date: 09/27/2019

Number of Bids Received: 6

Bidders

Grand Contracting LLC	Red Oak, IA	\$871,399.75
Vieco Dev. & Construction Co. Inc.	Saint Joseph, MO	\$916,686.00
Cornerstone Commercial Contractors Inc.	Corning, IA	\$918,769.50
The Samuels Group Inc.	Des Moines, IA	\$927,804.35
Ball Team LLC	Urbandale, IA	\$1,015,049.10
Building Crafts Inc.	Red Oak, IA	\$1,024,919.45

Upon Engineering's review of bids, IDNR recommends awarding the contract to Grand Contracting LLC.

Motion – Commissioner Francisco

Seconded – Commissioner Reimer

Decision – Approved by Unanimous Vote

CARRIED AS PRESENTED

22.5. AA CALL STATE PARK, LODGE REPAIR – KOSSUTH COUNTY

The Department requests Commission approval of the following construction project:

Project Summary: Ambrose A. Call State Park is a 138 acre "oasis" of rugged hills, heavily wooded with virgin timber in an area of gently rolling farmland. The park is located near the east fork of the Des Moines River. A log cabin-style lodge built in 1928 provides an excellent setting for such group activities as wedding receptions, family reunions, and community get-togethers. The park offers camp sites, including some with electric hookups. A modern vault restroom is located in the campground. The rugged and heavily wooded park offers two miles of trails that wind through the forest, down a ravine, and along a picturesque winding creek.

This project will restore the log cabin-style lodge. Restoration efforts include demolition the concrete slab on the rear of the lodge building, pour a new slab, repointing of the existing stone breeze-way walls, chink areas around the lodge, demolish and rebuild the pump house, and complete other minor restorations.

Construction Needed: Construction will consist of selective demolition of existing areas beyond repair, wood restoration of deteriorated areas, re-chinking on logs, concrete and masonry work of damaged areas, and cleaning of the entire lodge.

Engineering Project #: 19-02-55-01

Cost Estimate: \$128,000.00

Operating Bureau: Parks

Funding Source: REAP Parks Operations and Maintenance

Plans Issue Date: 10/24/2018

Bid Letting Date: 11/15/2018

Completion Date: 05/31/2019

Number of Bids Received: 2

Bidders

M.D. Johnson Consulting LLC dba Artisan Restor. Kasota, MN \$115,986.20

Vieco Dev. & Construction Co. Inc. St. Joseph, MO \$125,568.00

Upon Engineering’s review of bids, IDNR recommends awarding the contract to Vieco Dev. & Construction Co. Inc.

Motion – Commissioner Reimer

Seconded – Commissioner Francisco

Decision – Approved by Unanimous Vote

CARRIED AS PRESENTED

22.6. STONE STATE PARK, LODGE & SHELTER REPAIR – WOODBURY COUNTY

The Department requests Commission approval of the following construction project:

Project Summary: Stone Park is located entirely in the unique Loess Hills. Amenities include a day use lodge, three open shelters, and picnic areas located throughout the park with many beautiful views of the Loess Hills and surrounding area. The Stone lodge is used for picnics, receptions, and family reunions and contains a refrigerator, microwave, and modern restrooms.

This project will make repairs to the lodge and Calumet shelter. One of the lodge’s chimneys is leaking and in need of a cap to mitigate the water. Also, siding on the rear of the building is rotting and needs replaced. The shelter’s columns are rotting and in need of repair; they will be cut and placed on a new stone plinth. Also, the restroom siding is deteriorating and in need of replacement. The south entry portal shall be repointed, cleaned, and restored.

Construction Needed: Construction will consist of selective demolition in delicate areas of the historic property, concrete and masonry repair of damaged areas, and wood restoration and wall construction where deteriorated.

Engineering Project #: 19-01-97-01

Cost Estimate: \$120,000.00

Operating Bureau: Parks

Funding Source: REAP Parks Operations and Maintenance

Plans Issue Date: 10/24/2018

Bid Letting Date: 11/15/2018

Completion Date: 05/31/2019

Number of Bids Received: 2

Bidders

L & L Builders Co. Sioux City, IA \$116,185.00

specific to the downstream wetland marshes that filter the water prior their release into West Lake Okoboji. Two of the wetlands have water control structures that have failed and are not allowing the marshes to maintain their full pool and maximum filtering potential. This project will replace the failed structures and add some fish exclusion components to help keep the common carp population in check.

Construction Needed: Remove and replace two failing metal “Wisconsin tube” water control structures. One structure will be replaced with a structure that is very similar to the existing but with a heavier walled pipe to extend the life of the improvement. The other will be replaced with a reinforced concrete structure that will have fish exclusion fingers and a better designed inlet for staff management of the water levels.

Engineering Project #: 19-01-30-01

Cost Estimate: \$70,000

Operating Bureau: Wildlife

Funding Source: Lake Restoration

Plans Issue Date: 11/8/2018

Bid Letting Date: 11/29/2018

Completion Date: 06/28/2019

Number of Bids Received: 2

Bidders

Valley Contracting, Inc.	Estherville, IA	\$77,106.00
Landwehr Construction, Inc.	St. Cloud, MN	\$94,745.00

Upon Engineering’s review of bids, IDNR recommends awarding the contract to Valley Contracting, Inc.

Motion – Commissioner Reimer
Seconded – Commissioner Francisco
Decision – Approved by Unanimous Vote

CARRIED AS PRESENTED

22.9. PAVEMENT REPAIR AND MAINTENANCE, LAKE MACBRIDE STATE PARK - JOHNSON COUNTY

The Department requests Commission approval of the following construction project:

Project Summary: In June, 1937, Lake Macbride State Park opened to the public. The Civilian Conservation Corps constructed a number of facilities in the 1930’s including the beautiful stone shelter and beach building. In 1955, the lake was enlarged. A portion of the park borders Coralville Lake, one of Iowa’s largest artificial lakes, constructed by the U.S. Army Corps of Engineers. With its own 812-acre artificial lake, Lake Macbride is an angler’s delight where walleyes, channel catfish, and muskies are stocked annually. Visitors can enjoy swimming, boating, hiking, bicycling, cross-country skiing, and snowmobiling. Amenities include a non-modern campground, a modern campground with electrical and full hookups, a shower and restroom, and a trailer dump station, and a multi-use trail around the lake.

Growing numbers of park visitors and campers have stretched the design capacity of park pavements. The combination of increasing numbers of campers, along with larger, heavier, recreational vehicles, has left the park pavements in need of repair and maintenance.

Construction Needed: This project will start with cleaning and filling cracks (pavement maintenance) in the existing HMA pavement, continue with areas of patching along with longitudinal and transverse joint repair. A bituminous fog seal (method of adding asphalt to an existing pavement surface to improve sealing or waterproofing, or prevent further stone loss by holding aggregate in place) on DNR roads followed by painted pavement symbols (stop bar) and painted markings (yellow center line and white outside edge lines). A deteriorated inlet grate will also be replaced. The Department of Transportation (DOT) Parks and Institutional Road Fund provides funds for roadway construction, improvements and maintenance within the boundaries of state-owned lands.

Engineering Project #: 17-06-52-01

Cost Estimate: \$345,000.00

Operating Bureau: Parks

Funding Source: DOT Parks and Institutional Roads Fund

Plans Issue Date: 10/24/2018

Bid Letting Date: 11/15/2018

Completion Date: 09/30/2019

Number of Bids Received: 3

Bidders

Hansen Asphalt	Iowa City, IA	\$293,572.00
LL Pelling Company Inc.	North Liberty, IA	\$313,303.80
Fahrner Asphalt Sealers LLC	Dubuque, IA	\$365,941.83

Upon Engineering’s review of bids, IDNR recommends awarding the contract to LL Pelling Company Inc.

Motion – Commissioner Francisco
 Seconded – Commissioner Reimer
 Discussion – Travis Baker, Land and Waters Bureau Chief, and Heath Delzell, Engineering Supervisor, provided information regarding the bidding process and Parks & Institutional Road funding and its use.
 Decision – Approved by Unanimous Vote

CARRIED AS PRESENTED

***22.10. PAVEMENT REPAIR AND MAINTENANCE, GREEN VALLEY STATE PARK - UNION COUNTY**

The Department requests Commission approval of the following construction project:

Project Summary: Located approximately 3 miles north of Creston, Green Valley State Park is a popular family picnic and camping spot. Campsites include electric and full hook-up sites, modern restrooms and showers, and a trailer dump station. There are two playgrounds within the park, three camper cabins are available for rent year round, and visitors can enjoy the new 3.5 mile paved multiuse trail.

Growing numbers of park visitors and campers have stretched the design capacity of park pavements. The combination of increasing numbers of campers, along with larger, heavier, recreational vehicles, has left the park pavements in need of repair and maintenance.

Construction Needed: This project will start with cleaning and filling cracks, transverse joint repair, and finally a bituminous fog seal over all DNR roads.

Engineering Project #: 17-04-88-06

Cost Estimate: \$110,000.00

Operating Bureau: Parks

Funding Source: DOT Parks and Institutional Roads Fund

Plans Issue Date: 10/24/2018

Bid Letting Date: 11/15/2018

Completion Date: 09/30/2019

Number of Bids Received: 2

Bidders

Ten Point Construction	Denison IA	\$96,485.00
Henriksen Contracting, LLC	Grimes IA	\$11,508,145.00

Upon Engineering’s review of bids, IDNR recommends awarding the contract to Ten Point Construction.

CARRIED UNDER CONSENT

***22.11. PAVEMENT REPAIR AND MAINTENANCE, LACEY-KEOSAUQUA STATE PARK – VAN BUREN COUNTY**

The Department requests Commission approval of the following construction project:

Project Summary: Lacey-Keosauqua State Park is one of the largest and most picturesque of Iowa state parks and recreation areas. The park's 1,653 acres of hills, bluffs and valleys wind along the Des Moines River in Van Buren County. Approximately 150,000 visitors each year find Lacey-Keosauqua State Park an inspirational destination. Park facilities include a 76 site campground (21 non-electrical, 45 (30 amp), 10 (50 amp)) with modern restrooms and showers, six seasonally open modern cabins, two picnic shelters, two lodges, and a beach at the 30 acre lake.

During the summer of 2018, the campground was renovated. 42 campsites were realigned to accommodate larger RV's and the electrical pedestals were upgraded from 30 amp to 50 amp. Of the 42 upgraded campsites, ten were converted to full hook-ups.

This project is the final phase of the campground renovation and consists of resurfacing the existing asphalt campground roads with a seal coat. This will revitalize the pavement and provide a new, smoother surface.

Construction Needed: The entrance culvert will be replaced and a seal coat will be applied to the existing pavement. A seal coat consists of spraying tar over the road surface, spreading 1/2 inch aggregate, and running a smooth wheel roller over the pavement.

Engineering Project #: 17-04-88-06

Cost Estimate: \$160,000.00

Operating Bureau: Parks

Funding Source: DOT Parks and Institutional Roads Fund

Plans Issue Date: 10/24/2018

Bid Letting Date: 11/15/2018

Completion Date: 09/30/2019

Number of Bids Received: 3

Bidders

L L Pelling Company Inc.	North Liberty, IA	\$63,829.55
Fahrner Asphalt Sealers LLC	Dubuque, IA	\$144,347.00
Meyers Driveway	Keokuk, IA	\$177,640.00

Upon Engineering's review of bids, IDNR recommends awarding the contract to L L Pelling Company Inc.

CARRIED UNDER CONSENT

***22.12. PAVEMENT REPAIR AND MAINTENANCE, SPRINGBROOK STATE PARK/BEAVER LAKE WMA – GUTHRIE/DALLAS COUNTY**

The Department requests Commission approval of the following construction project:

Project Summary: Located a little more than 7 miles north of Guthrie Center, Springbrook State Park offers a large campground, including electrical hook-ups, modern showers and restrooms, a trailer dump station, grills and tables.

Two open picnic shelters, more than 12 miles of trails and numerous lake activities. The Sherburne House is also available for rental year round. Beaver Lake WMA is just northeast of Dexter, and provides ample opportunities for hunting and fishing. The area offers a concrete boat ramp and ADA accessible fishing pier.

Growing numbers of park visitors and campers have stretched the design capacity of park pavements. The combination of increasing numbers of campers, along with larger, heavier, recreational vehicles, has left the park pavements in need of repair and maintenance.

Construction Needed: Pavement maintenance for Springbrook State Park consists of a bituminous fog seal, slurry leveling, patching, transverse joint repair and cleaning and filling cracks. Pavement maintenance at Beaver Lake WMA consists of a bituminous fog seal, transverse joint repair and cleaning and filling crack.

Engineering Project #: 17-04-39-02

Cost Estimate: \$195,000

Operating Bureau: Parks/Wildlife

Funding Source: DOT Parks and Institutional Roads Fund

Plans Issue Date: 10/24/2018

Bid Letting Date: 11/15/2018

Completion Date: 09/30/2019

Number of Bids Received: 2

Bidders

Henriksen Contracting, LLC Grimes IA \$201,855.00

Midwest Coatings Company, Inc. Modale IA \$203,373.00

Upon Engineering’s review of bids, IDNR recommends awarding the contract to Henriksen Contracting, LLC.

CARRIED UNDER CONSENT

***22.13. PAVEMENT REPAIR AND MAINTENANCE, PRAIRIE ROSE STATE PARK - SHELBY COUNTY**

The Department requests Commission approval of the following construction project:

Project Summary: Prairie Rose State Park provides a number of beautiful picnic areas with excellent views of the 218-acre lake. Amenities include two picnic shelters, two campgrounds with electric and full hook ups, modern shower and restroom, and two cabins. The park offers approximately 7 miles of multi-purpose trails which are open for hiking, snowmobiling, and cross country skiing.

Growing numbers of park visitors and campers have stretched the design capacity of park pavements. The combination of increasing numbers of campers, along with larger, heavier, recreational vehicles, has left the park pavements in need of repair and maintenance.

Construction Needed: This project will start with cleaning and filling cracks, transverse joint repair, and finally a bituminous fog seal over all DNR roads.

Engineering Project #: 17-04-83-02

Cost Estimate: \$295,000.00

Operating Bureau: Parks

Funding Source: DOT Parks and Institutional Roads Fund

Plans Issue Date: 10/24/2018

Bid Letting Date: 11/15/2018

Completion Date: 09/30/2019

Number of Bids Received: 4

Bidders

OMG Midwest Inc., dba OMNI Engineering Omaha, NE \$209,167.00

Midwest Coatings Company Inc. Modale, IA \$225,962.00

Henriksen Contracting, LLC Grimes, IA \$240,398.00

Fahrner Asphalt Sealers, LLC Dubuque, IA \$315,866.50

Upon Engineering’s review of bids, IDNR recommends awarding the contract to OMG Midwest Inc., dba OMNI Engineering.

CARRIED UNDER CONSENT

***22.14. PAVEMENT REPAIR AND MAINTENANCE, PINE LAKE STATE PARK - HARDIN COUNTY**

The Department requests Commission approval of the following construction project:

Project Summary: Located along the Iowa River, 668-acre Pine Lake State Park offers a pleasing mix of woodland, river, and lakes in the midst of rolling Iowa farmland. The park was dedicated in 1929, placing it amongst the earliest state parks in Iowa. Much of the park was shaped by the work of the Civilian Conservation Corps in the 1930's. Visitors can still enjoy many of the historic structures built during this time. Pine Lake was named for being the southernmost stand of native pine trees in Iowa, but unfortunately most of the nearly 250-year old giants were lost to a severe hail storm in August of 2009. Visitors today will notice hundreds of caged tree

seedlings throughout the park which are part of a massive reforestation effort. Park amenities include 120 camping sites, four cabins, trails, four picnic areas/shelters, a lodge, a boat ramp, and a beach.

Growing numbers of park visitors and campers have stretched the design capacity of park pavements. The combination of increasing numbers of campers, along with larger, heavier, recreational vehicles, has left the park pavements in need of repair and maintenance.

Construction Needed: This project will start with cleaning and filling cracks, transverse joint repair, and finally a bituminous fog seal over all DNR roads

Engineering Project #: 17-02-42-01

Cost Estimate: \$137,000.00

Operating Bureau: Parks

Funding Source: DOT Parks and Institutional Roads Fund

Plans Issue Date: 10/24/2018

Bid Letting Date: 11/15/2018

Completion Date: 09/30/2019

Number of Bids Received: 2

Bidders

Heartland Asphalt, Inc. Mason City, IA \$136,303.00

Fahrner Asphalt Sealers, LLC Dubuque, IA \$174,373.82

Upon Engineering’s review of bids, IDNR recommends awarding the contract to Heartland Asphalt, Inc.

CARRIED UNDER CONSENT

***22.15. PAVEMENT REPAIR AND MAINTENANCE, FAIRPORT STATE RECREATION AREA - MUSCATINE COUNTY**

The Department requests Commission approval of the following construction project:

Project Summary: The Fairport Recreation Area Campground is located 6 miles from Wildcat Den State Park off Highway 22 along the Mississippi River. Amenities include a modern campground, shower and restroom, and a trailer dump station. There are two boat ramps providing access to the river and docks for loading and unloading boats. The Fairport Recreation Area provides excellent access and viewing of the Mississippi River. The large towboats, recreational boaters, river wildlife (especially birds), and the majesty of the river all parade in front of the campground.

High use of the camping area and the two boats ramps at Fairport State Recreation Area have contributed to the need for roadway resurfacing. One area of the campground has poor drainage, which has led to a localized pavement failure.

Construction Needed: This project will clean out and seal cracks in the existing HMA pavement. Improve drainage in the area of pavement failure, and patch the failed area. A slurry seal will then be applied to all DNR roads.

Engineering Project #: 16-06-70-04

Cost Estimate: \$30,000.00

Operating Bureau: Parks

Funding Source: DOT Parks and Institutional Roads Fund

Plans Issue Date: 10/11/2018

Bid Letting Date: 11/15/2018

Completion Date: 09/30/2019

Number of Bids Received: 2

Bidders

Fort Dodge Asphalt Co. Fort Dodge, IA \$49,712.04

Fahrner Asphalt Sealers LLC Dubuque, IA \$116,375.50

Upon Engineering’s review of bids, IDNR recommends awarding the contract to Fort Dodge Asphalt Co.

CARRIED UNDER CONSENT

***22.16. PAVEMENT REPAIR AND MAINTENANCE, ROCK CREEK STATE PARK - JASPER COUNTY**

The Department requests Commission approval of the following construction project:

Project Summary: Located about 6 miles northwest of Kellogg, Rock Creek is one of central Iowa's camping hotspots. The large campground, with nearly 200 sites, borders the lake and includes electrical hookups and modern rest rooms and showers. The park offers trails to accommodate a wide variety of activities, including hiking, horseback riding, cross country skiing and snowmobiling. Lake activities include swimming, boating, fishing.

Growing numbers of park visitors and campers have stretched the design capacity of park pavements. The combination of increasing numbers of campers, along with larger, heavier, recreational vehicles, has left the park pavements in need of repair and maintenance.

Construction Needed: This project will start with cleaning and filling cracks, transverse joint repair, and finally a bituminous fog seal over all DNR roads.

Engineering Project #: 17-05-50-03

Cost Estimate: \$310,000.00

Operating Bureau: Parks

Funding Source: DOT Parks and Institutional Roads Fund

Plans Issue Date: 10/24/2018

Bid Letting Date: 11/15/2018

Completion Date: 09/30/2019

Number of Bids Received: 3

Bidders

Midwest Coatings Company, Inc.	Modale, IA	\$270,634.00
Fahrner Asphalt Sealers LLC	Dubuque, IA	\$306,914.25
Manatts Inc.	Newton, IA	\$318,195.50

Upon Engineering’s review of bids, IDNR recommends awarding the contract to Midwest Coatings Company, Inc.

CARRIED UNDER CONSENT

***22.17. PAVEMENT REPAIR AND MAINTENANCE, WILSON ISLAND STATE RECREATION AREA - POTTAWATTAMIE COUNTY**

The Department requests Commission approval of the following construction project:

Project Summary: Wilson Island, named after former Governor George Wilson, came into existence as an island sandbar around 1900. Today, Wilson Island State Recreation Area encompasses 544 acres of dense cottonwood stands. Seclusion is one of the area's greatest assets with spacious campsites, hiking trails, and picnic spots which provide a welcome retreat. Wildlife is abundant in the park and a visitor may see deer grazing in the park's fields or be awakened by a huge flock of snow geese flying low overhead in the fall. Bald eagles are often perched in the tall cottonwoods during the winter and mushroom hunters will find no better place in the spring.

Growing numbers of park visitors and campers have stretched the design capacity of park pavements. The combination of increasing numbers of campers, along with larger, heavier, recreational vehicles, has left the park pavements in need of repair and maintenance.

Construction Needed: This project will start with cleaning and filling cracks, patching, transverse joint repair, a bituminous fog seal over all DNR roads, and painted markings and symbols

Engineering Project #: 17-04-78-06

Cost Estimate: \$280,000.00

Operating Bureau: Parks

Department of Natural Resources (Department) is authorized, pursuant to Senate File 2389 (signed by Governor Reynolds on April 26, 2018) creating new Iowa Code section 455A.14, to set and publish camping, rental facility, vessel storage, and other special privilege fees on the Department’s website.

Fiscal Impact

This rule making has no fiscal impact to the state of Iowa. A copy of the impact statement is available from the Department upon request.

Jobs Impact

The Commission does not anticipate any impact to private sector jobs or employment in the State from this rule making. In fact, the public’s use of state parks and recreation areas provides important economic support to nearby cities and towns, with guests supporting local businesses and camping and rental fees resulting in sales tax revenue. This is expected to continue, and possibly at times even increase, due to the dynamic pricing strategies now possible from this proposed rule making and its companion package in 561 IAC Chapter 16. A copy of the impact statement is available from the Department upon request.

Waivers

Any person who believes that the application of the discretionary provisions of this rule making would result in hardship or injustice to that person may petition the Department for a waiver of the discretionary provisions, if any, pursuant to 571–Chapter 11.

Public Comment

Any interested person may submit comments concerning this proposed rule making. Written comments in response to this rule making must be received by the Department no later than 4:30 p.m. on February 7, 2019. Comments should be directed to:

Sherry Arntzen
Iowa Department of Natural Resources
Wallace State Office Building
502 East Ninth Street
Des Moines, Iowa 50319-0034
Sherry.Arntzen@dnr.iowa.gov

Public Hearing

Six public hearings at which persons may present their comments orally or in writing will be held as follows:

- | | |
|-------------------------------------|---|
| February 7, 2019
12 noon to 2 pm | Wallace State Office Building
Conference Room 4W/4E
Des Moines, Iowa |
| February 7, 2019
12 noon to 2 pm | Lake Darling State Park
Lake Darling Lodge
111 Lake Darling Road
Brighton, Iowa |
| February 7, 2019
12 noon to 2 pm | Cold Springs District Office
Conference Room
57744 Lewis Road
Lewis, Iowa |
| February 7, 2019
12 noon to 2 pm | Clear Lake State Park
Office
2730 South Lakeview Drive
Clear Lake, Iowa |
| February 7, 2019
12 noon to 2 pm | Lewis & Clark State Park
Lewis & Clark Visitor Center Banquet Room
21914 Park Loop
Onawa, Iowa |

February 7, 2019
12 noon to 2 pm

Delaware County Conservation Board
Conference Room
2379 Jefferson Road
Manchester, Iowa

Persons who wish to make oral comments at the public hearing may be asked to state their names for the record and to confine their remarks to the subject of this proposed rule making.

Any persons who intend to attend the hearing and have special requirements, such as those related to hearing or mobility impairments, should contact the Department and advise of specific needs.

Review by Administrative Rules Review Committee

The Administrative Rules Review Committee, a bipartisan legislative committee which oversees rule making by executive branch agencies, may, on its own motion or on written request by any individual or group, review this rule making at its regular monthly meeting or at a special meeting. The Committee’s meetings are open to the public, and interested persons may be heard as provided in Iowa Code section 17A.8(6).

The following rule making action is proposed:

ITEM 1. Amend rule 571—61.2 (461A) as follows:

~~“Reservation transaction fees” means fees as given in this chapter to process a reservation, change a reservation or cancel a reservation.~~

ITEM 2. Rescind subrule 61.3(3) and adopt the following **new** subrule in lieu thereof:

61.3(3) Reservation transaction fees. Fees to process a reservation, change a reservation or cancel a reservation shall be set contractually with the reservation system vendor and published on the department’s website with the camping, rental facility and other special privilege fees set by the department pursuant to 561–Chapter 16.

ITEM 3. Rescind subrule 61.4(1) and adopt the following **new** subrule in lieu thereof:

61.4(1) Fees. Camping fees shall be set by the department pursuant to 561–Chapter 16.

ITEM 4. Rescind and reserve subrule **61.4(2)**.

ITEM 5. Amend paragraph **61.4(4)“b”** as follows:

b. Chaperoned, organized youth groups may choose to occupy campsites not designated as organized youth group campsites. However, the group is subject to ~~all fees and~~ rules in 61.4(1), 61.4(3) and 61.4(5) pertaining to the campsite the group wishes to occupy, as well as all fees as set by the department in 561–Chapter 16.

ITEM 6. Rescind rule 571--61.5 (461A), introductory paragraph.

ITEM 7. Rescind subrule 61.5(1) and adopt the following **new** subrule in lieu thereof:

61.5(1) Rental facility fees. Rental facility fees shall be set by the department pursuant to 561–Chapter 16.

ITEM 8. Rescind and reserve subrule **61.5(2)**.

ITEM 9. Rescind rule 571—61.6(461A) and adopt the following **new** rule in lieu thereof:

61.6(461A) Vessel Storage Fees. Vessel storage fees shall be set by the department pursuant to 561–Chapter 16.

This rule is intended to implement Iowa Code section 455A.14.

ITEM 10. Amend paragraph **61.22(1)“b”** as follows:

b. The fees for camping in established state forest campgrounds shall be set by the department pursuant to 561–Chapter 16 ~~the same as those cited in paragraphs 61.4(1)“a” and “b” for all other nonmodern camping areas managed by the department where fees are charged.~~

Motion – Commissioner Reimer
Seconded – Commissioner Francisco
Discussion – Sherry Arntzen, State Parks Executive Officer, provided information regarding public input and the rulemaking process, and tentative implementation dates.
Decision – Approved by Unanimous Vote

CARRIED AS PRESENTED

19. GENERAL DISCUSSION

NRC Annual Report: Commissioner Underwood reviewed the drafted recommendations and Commissioners provided input. Commissioner Underwood will coordinate the input and provide a draft report for the Commissioners’ review.

Environmental Specialist, Seth Moore, at Bruce Trautman’s request, provided information regarding the Wahpeton Trail (aka Edgewood Trail) in Dickinson County and the declined petition due to the application not changing much from the first application, and the request still contradicts the land use based on the federal funding source.

- Commissioner Hommel shared she was impressed with the land report presented today. She also shared her appreciation for the Facebook live feeds and thanks to staff for answering her questions.
- Commissioner Underwood closed the meeting and noted that Commissioner Reimer will be serving as Chair at the January joint and business meetings in her absence.

ADJOURNMENT

Motion to adjourn the meeting – Commissioner Prickett
Seconded – Commissioner Francisco
Decision - Approved by Unanimous Vote
With no further business to come before the Natural Resource Commission, Chair Underwood adjourned the meeting on 12/13/18 at 2:20pm.

11:45a – Lunchtime Presentation: Land Inventory Report (Monica Thelen, Kelly Smith)

CARRIED – MEETING ADJOURNED

UPCOMING NRC MEETING DATES

- Wed, 01/23/19, 1:00 pm, Business Meeting: IA DNR, 502 E 9th St, Des Moines, IA
- Thu, 02/14/19, 9:30 am, Business Meeting: IA DNR, 502 E 9th St, Des Moines, IA
- Thu, 03/14/19, 9:30 am, Business Meeting: IA DNR, 502 E 9th St, Des Moines, IA

VISITORS/ATTENDEES - SIGN IN SHEET

FOR NATURAL RESOURCE COMMISSION MEETING HELD ON 12/13/18

PLEASE PRINT

If you wish to speak before the NRC, also complete a Public Speaker Form.

NAME ADDRESS CITY, STATE, ZIP	GROUP REPRESENTING (if applicable)	TOPIC OF INTEREST
Nathan Gibson 1167 250 th AVE New Virginia, IA 50210	Iowa Firearms Coalition + members	Iowa City Deer Hunting
Ken Kenney, 28330 J Ave Adel, IA 50003	Forestry Advisory	same Forestry
Leslie Berckes 4334 Franklin Ave DSM 50310	Forestry Advisory	Forestry
Don Mealey 128 Center Norwalk, Ia 50211	International Bowhunting Education.	Iowa City Deer Hunt.
Deb Kozel	LFA	
Matt Lehtinen	IDALS	CREP Equipment

PUBLIC SPEAKER FORM

Natural Resource Commission Meeting

(Please review the Public Participation Procedure for presentation guidance.)

PLEASE PRINT

Date: 12-13-18

Name: Dan Mealey

Address: 128 Center

City, State, Zip: Worwalk Ia

Group Representing (if any): International Bowhunting

Subject Matter: Iowa City Gun Hunt

PUBLIC SPEAKER FORM

Natural Resource Commission Meeting

(Please review the Public Participation Procedure for presentation guidance.)

PLEASE PRINT

Date: 12/13/18

Name: Nathan Gibson

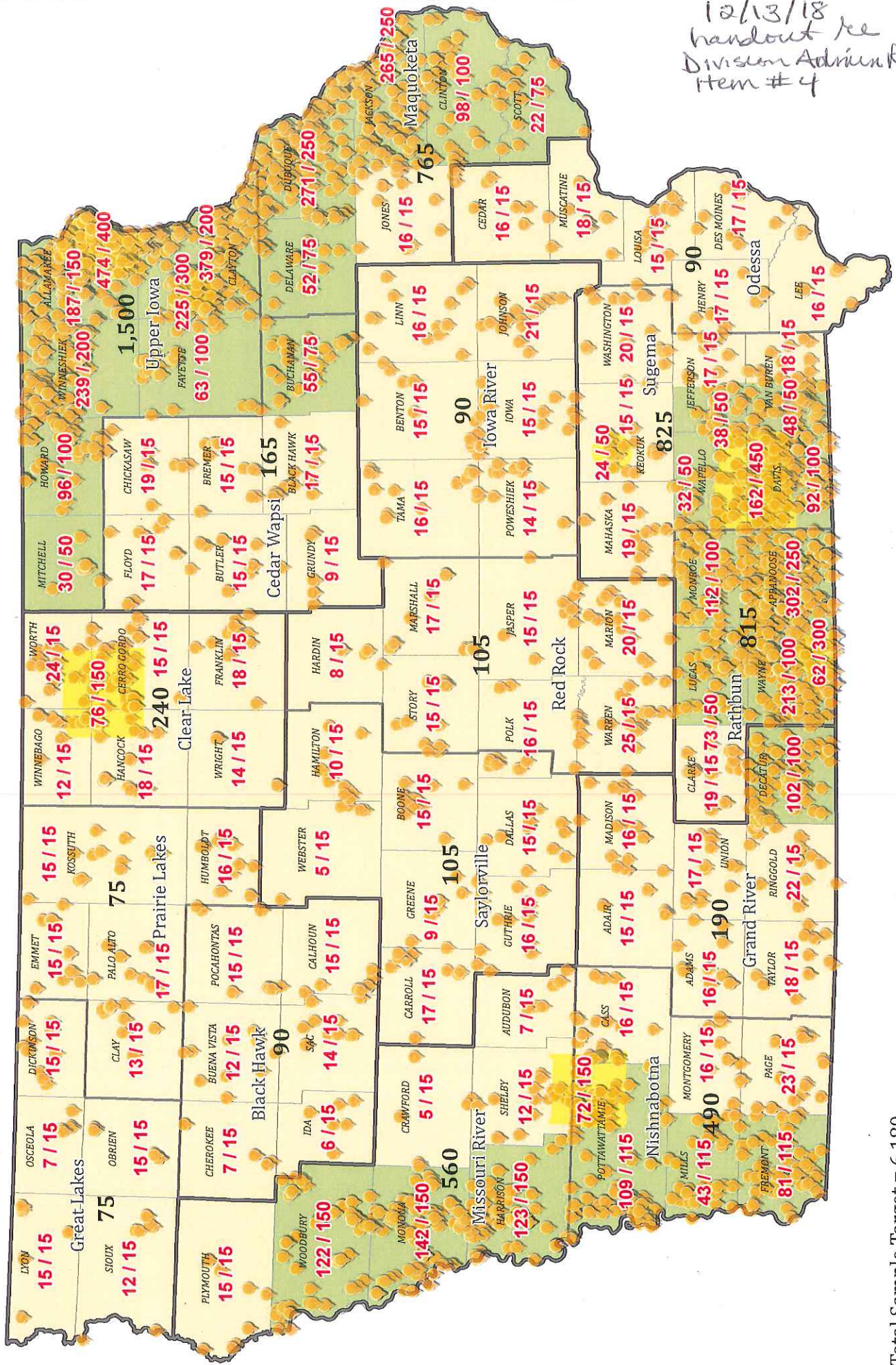
Address: 1167 250th Ave, New Virginia

City, State, Zip: New Virginia, IA, 50210

Group Representing (if any): Iowa Firearms Coalition

Subject Matter: Iowa City Deer Mgmt

2018-19 CWD Sample Collection Status 12/13/2018



12/13/18
handout re
item #6



Forest Advisory Council

Forestry Vision Plan

Whereas, the Department of Natural Resources (DNR) is specifically charged with protecting and enhancing Iowa's natural resources for its citizens by the authority of the Iowa Code. A department of natural resources is created, which has the primary responsibility for state parks and forests, protecting the environment, and managing fish, wildlife, and land and water resources in this state. IA. Code 455A.2

Whereas, Iowa's urban and rural forestry resources are immeasurably important to the citizens of Iowa, to Iowa's wildlife and associated natural resources and supports an entire forestry-related industry. The industry as a whole employs over 18,000 people and generates \$3.9 billion annually with a total payroll of \$916 million. 2010 Forest Action Plan, Iowa Department of Natural Resources.

Whereas, DNR supports the protection and enhancement of forestry resources in their most valued policy documents including: the Wildlife Action Plan, the Forestry Action Plan, and other internal documents, for example, The Department has primary responsibilities including: Expanding and enhancing forest resources on public and private lands. Iowa Budget Report 2019

Whereas, Iowa's forests (both public and private) include much of Iowa's most environmentally sensitive lands vital to the success of Iowa's Nutrient Reduction Strategy.

Whereas, DNR Foresters provide the long-term delivery of scientific and professional expertise when landowners enroll farmland into riparian buffers or utilize forestland enhancements, development and protection provided through REAP₁, CRP₂ and EQIP₃

1 Resources Enhancement and Protection; 2-Conservation Reserve Program; 3-Environmental Quality Incentives Program; 4. United States Department of Agriculture; 5-Iowa Department of Agriculture and Land Stewardship; 6-Wetland Reserve Program

practices funded through USDA⁴ or IDALS⁵. Moreover, the number of forest, CRP and WRP⁶ acres is one of DNR's principal performance metrics (Iowa Budget Report 2019).

Whereas, DNR leadership, Natural Resource Commission and the members of the Forest Advisory Council (FAC) have engaged to create a shared vision for the forestry services provided by the DNR.

Whereas, Iowa's landscape is primarily privately owned, conservation strategies for Iowa's natural resources must include Iowa's private landowners. The need for private landowner support and engagement is well documented throughout the DNR's Wildlife Action Plan and DNR's mission statement, and other important strategic plans.

Therefore be it resolved a vision for forestry services shall include:

1. A long-term commitment by the Department to Iowa's forest (both urban and rural) resources as a core agency value. This commitment is vital to achieving successful conservation strategies outlined in the agency mission.
 - a. There must be a solid forestry identity embedded within the Department.
 - b. The Department acknowledges that this core value is dependent upon DNR's forestry employees who work to fulfill this commitment to Iowa's urban and rural forest and tree resources.
2. An efficient and productive organizational structure, which is of paramount importance in any organization or company in order to be successful in achieving its mission.
 - a. An organizational structure that provides a supervisory chain of command that ensures consistent communication and work priorities, which share a common mission and goals.
 - b. All field foresters (state forest employees, nursery employees & district foresters) directly supervised by professional foresters.
 - c. Appropriate levels of forestry representation whenever important policy, budget, and or strategic plans are contemplated.
3. Strategies that provide additional yet stable sources of funding for forestry services which best suit Iowa's forestry challenges and the Department's priorities (primarily the visionary plans of the wildlife action and forest action plans). Sole use of federal and state general funds provide a core base, but fall short of perfecting a strategy ideal for addressing Iowa's forestry (both urban and rural) needs.
4. Permanent full-time employees for the professional forestry positions serving DNR, shareholders, and the public. DNR's forestry and private lands staff are the

“boots on the ground” who deliver conservation programs and bring about the support and engagement of these partners. Important partners in conservation include:

- a. Private woodland owners, recreational landowners, farmers, farm managers, etc. who seek technical advice for their forestland or who enroll in a variety of cost-share programs offered through state or federal programs.
 - b. Cities and counties who own or steward trees and forests within Iowa’s communities.
 - c. Private businesses and their employees including: nursery industry, forestry consultants, lumbering industry, arborists, and others of the forest and wood industry, who derive their living from harvesting, managing and enhancing the woodland resources in Iowa.
5. Full utilization of the revenue derived from forest management on public lands to further improve or protect these valued forest resources. Establishment of a method of accounting for the money generated and enhancement expenditures. This revenue would enhance opportunities to increase foresters time spent working to improve the habitat on forested lands managed by parks or wildlife bureaus.
6. Management of public lands by the DNR in a methodical, scientific and sustainable manner for the benefit of all Iowans. It is a responsibility of the Department to provide examples of the best management practices on these lands.
- a. Public areas with forest cover must be managed to encourage high quality, sustainable forest enhancement and protection practices.
 - b. The forested areas must have a forest stewardship plan developed by a professional forester.
 - c. Public areas that share important designations should be prioritized for both stewardship planning and related management actions:
 - i. Designation as a bird conservation area where forests comprise important habitat type.
 - ii. State preserves where forest cover comprises an important habitat
 - iii. State forests
 - iv. State Recreation Areas where forest cover occurs.
 - v. Any DNR managed or owned public area where large and significant acreage of forest occurs.

12/13/18
handout re
item #6

***DRAFT Proposal from the Forest Advisory Work Group
March 15, 2018***

455A.14 Tree and forests advisory board.

1. a. The Iowa tree and forests advisory board shall be organized with assistance from the department and shall be composed of thirteen voting members and one ex officio nonvoting member as follows:
 - (1) The director of the department or the director's designee who shall serve as the nonvoting ex officio member.
 - (2) State Forester.
 - (3) Thirteen persons appointed by the natural resource commission, who represent at least one member from each of the following organizations or industries:
 - (1) NE Iowa Forest Advisory Committee.
 - (2) Trees Forever.
 - (3) Wood industry representative who is actively engaged in the purchase of standing timber.
 - (4) Iowa woodland owners association.
 - (5) Iowa State University extension forester.
 - (6) Iowa Nut Growers Association.
 - (7) Iowa Natural Heritage Foundation.
 - (8) Iowa Urban Tree Council.
 - (9) Society of American Foresters.
 - (10) Iowa Nursery and Landscape Association.
 - (11) Conservation Districts of Iowa.
 - (12) Iowa Assessors Association.
 - (13) Representative who is actively employed as a forestry consultant and/or private forest management in Iowa.
1. b. The director shall provide the natural resource commission with nominations of prospective board members. The natural resource commissioners shall adopt the nominees at one of their regularly scheduled NRC meetings. The voting members shall elect a chairperson at the board's first meeting each year.
2. Each voting member of the board shall serve for terms of three years, and shall be eligible for reappointment. A vacancy on the board shall be filled for the remainder of the original term. However, a vacancy in the membership slot designated for the State Forester employee's shall be filled by their successor. A majority of voting members constitutes a quorum, and the affirmative vote of a majority present is necessary for any action taken by the board, except that a lesser number may adjourn a meeting. A vacancy in the membership of the board does not impair the rights of a quorum to exercise all rights and perform all duties of the board. The board shall meet as required, but at least twice a year. The board shall meet upon call of the chairperson, or upon written request of three members of the board. Written notice of the time and place of the meeting shall be given to each member.

3. The board shall advise the department, the natural resource commission, the Governor, and the Chair of the Natural Resource Committees for both the Iowa House of Representatives and the Iowa Senate, regarding issues and recommendations relating to the tree and forest health issues, organization of forestry services within the DNR and legislation under consideration related to forestry. These recommendations shall be provided each year at the regularly scheduled July NRC meeting. The subject of investigation and research of forestry issues to be studied by the Tree and Forests Advisory Board shall include but not be limited to the following:

- (1) Forest Reserve Law
- (2) Organizational efficiencies to address forestry threats in Iowa
- (3) Developing a set of metrics for forests and tree stewardship that grows Iowas tree canopy and addresses forest threats.
- (4) Potential sources of funding for a system of funding the forestry bureau within DNR as well as providing a source of forestry cost-share assistance for private landowners to encourage and support the health of Iowa's forests.

1989 Acts, ch 311, §27; 1990 Acts, ch 1233, §31; 1993 Acts, ch 176, §41; 2002 Acts, ch 1162, §43; 2008 Acts, ch 1035, §1; 2009 Acts, ch 133, §

12/13/18
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#12 item

EXAMPLES OF PARK SIGNS IN IOWA STATE PARKS



Directional Signage



Picnic Shelter Signage



Beach Signage



Informational Signage at a campground check-in station.



Camping information signage



Warning signs at spillway



Information Kiosk



Interpretive Sign



Located in beautiful Covington, Kentucky, Devou Park is known as the recreational jewel of premier public parks in the state whose focal point is a 18-hole golf course, Prisoner's Lake, a fishing lake, and the Bandshell, which hosts a summer concert series presented by the Kentucky Symphony Orchestra.

Over a century ago, Devou Park was created dating back to 1910 when Charles Devou donated 500 acres of property to the City of Covington for recreational purposes seeing upgrades in every decade.

KMA was responsible for the signage standards, which were established to limit sign use and restrict sign placement in order to protect and enhance the desirability of the community. Additionally, KMA developed the look of the entrance directional signage, destination and pedestrian path signage for all of Devou Park.

SCOPE

- Creation of Signage Standards
- Directional Signage
- Destination Signage
- Pedestrian Path Signage





The Town of Bloomfield, has a population of 20,000 residents and is located in the central part of the Connecticut in Hartford County. Incorporated in 1835, the town historically is known for the Brown Drum Factory, where both revolutionary and civil war battle drums were made for many years. The town is more densely populated on the south and eastern fringes while the north and west sections have a more rural appeal of meadows, woods and farms.

KMA Design was hired from a national search of signage companies to develop a comprehensive wayfinding program highlighting gateways and destinations into the town as well as providing directions throughout the community. The sign system highlights the area's theme of "bloom" using a tone on tone watermark of flowers used as a decorative border on structures. Certain branding elements were also used to unify the look of the signs to the other graphic standards found in the town's print media and web applications; including fonts and colors.

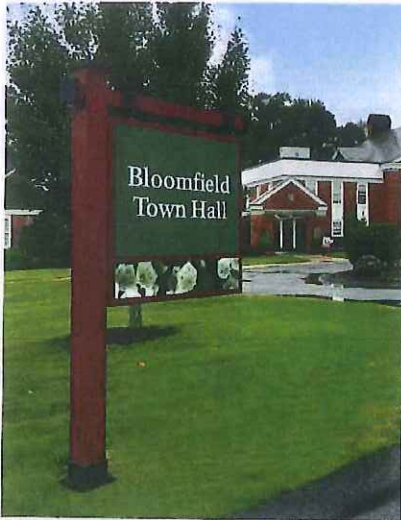
Suggested materials included resin beams for maintenance and longevity, aluminum panels and vinyl messaging for flexibility if destinations are changed in the future.

SCOPE

- Wayfinding System
- Gateway Signage
- Destination/Directional Signage into the Town, as well as providing
- Directional Signage Throughout the Community

SUGGESTED MATERIALS

- Resin Beams for Maintenance and Longevity
- Aluminum Panels
- Vinyl Messaging for Flexible Future Destination Changes





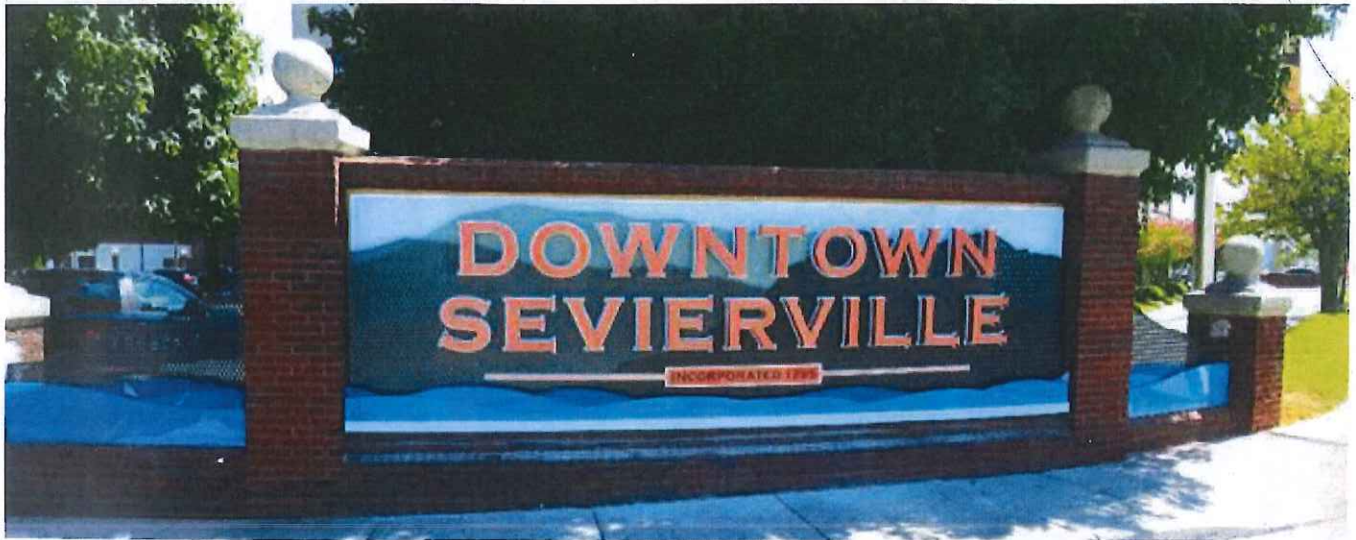
The city of Sevierville, Tennessee sought out a national design firm with expertise in the development of gateway and wayfinding signage to help them foster tourists to their many destinations and venues. KMA Design was selected to facilitate the comprehensive sign program that replaced all existing signs. Sevierville is located off of Interstate 40 and unfortunately was a pass-through to Pigeon Forge and the Great Smoky Mountain National Park. The 14-mile stretch offered restaurants, hotels and other amenities that were ignored by those who were looking for Dollywood and other area attractions. Even some of the key destinations like the outlet mall and civic center advertised as being a part of Pigeon Forge for better name recognition instead of Sevierville.

The city struggled with their own identity and asked the design team to develop concepts that reflected a variety of themes including; hometown, theme park and the mountains during the design development stage of the work. The end result was a mixed-use of perforated metals and layered acrylics to emulate the Smoky Mountains and the city's rolling rivers. The sign designs are unique to Sevierville and brand the community from one end of the city to the other.

To help resolve this issue, KMA developed a sign system that clearly announced the boundaries of the city and directed to all major destinations. Key mile markers with large illuminated pylons were created to serve as a means of orientation and name reinforcement to tourists and visitors.

SCOPE

- Wayfinding System
- Creation of New Design Concept
- Rebranding
- Directional Signage
- Identification Signage



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

NRC Business Meeting – Thursday, December 13, 2018
Meeting Location: Iowa DNR, 502 E 9th St, 4th Floor Conference Rm, Des Moines, IA
Meeting convenes at 9:30 am
Public Participation begins at approximately 10:00 am

Lunchtime Presentation: Land Inventory Report

1.	Approval of Agenda Consent Agenda (<i>*within agenda indicates proposed consent agenda item</i>) *8. Amendment-1 with Northwoods Forestry, Inc. *9. Contract with Newell Machinery Co., Inc. *13. Amendment-1 with University of Northern Iowa *15.2 Easement Conveyance - Clare Wilson Access - Dickinson County *15.3 Management Agreement – Denning Conservation Area WMA – Lee County Conservation *15.4 Easement Conveyance — Leo Grau WMA – Buena Vista County SWCD *22.10 Pavement Repair and Maintenance, Green Valley State Park - Union County *22.11 Pavement Repair and Maintenance, Lacey-Keosauqua State Park – Van Buren County *22.12 Pavement Repair and Maintenance, Springbrook State Park/Beaver Lake WMA – Guthrie/Dallas County *22.13 Pavement Repair and Maintenance, Prairie Rose State Park - Shelby County *22.14 Pavement Repair and Maintenance, Pine Lake State Park - Hardin County *22.15 Pavement Repair and Maintenance, Fairport State Recreation Area - Muscatine County *22.16 Pavement Repair and Maintenance, Rock Creek State Park - Jasper County *22.17 Pavement Repair and Maintenance, Wilson Island State Recreation Area - Pottawattamie County	Decision	Commission
2.	Approve Minutes of 11/08/18 NRC Public Meeting	Decision	Commission
3.	Acting Director’s Remarks	Information	Bruce Trautman
4.	Division Administrator’s Remarks	Information	Dale Garner
5.	Petition for Iowa City Urban Deer Management Zone – Special Harvest Request	Decision	IA City, City Mgr
6.	Forest Advisory Committee	Information	Commission
7.	Donations	Decision	Dale Garner
*8.	Amendment-1 with Northwoods Forestry, Inc.	Decision	Jeff Goerndt
*9.	Contract with Newell Machinery Co., Inc.	Decision	Jeff Goerndt
10.	Contract with Infonet Systems, Inc.	Decision	Alex Murphy
11.	Water Recreation Access Cost-Share (WRAC) Grant FY 2019	Decision	Michelle Wilson
12.	Contract with Kerestes-Martin Associates, Inc. (dba KMA Design)	Decision	Todd Coffelt
*13.	Amendment-1 with University of Northern Iowa	Decision	Todd Bishop
14.	Contract with Iowa State University Cooperative Fish and Wildlife Research Unit	Decision	Todd Bishop
15.	Public Land Management Projects	Decision	Travis Baker
15.1	Management Agreement – Dixon Beach – West Okoboji Lake – City of Okoboji	Decision	Travis Baker
*15.2	Easement Conveyance - Clare Wilson Access - Dickinson County	Decision	Travis Baker

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.

Any person attending the public meeting and has special requirements such as those related to mobility or hearing impairments should contact the DNR or ADA Coordinator at 515-725-8200, Relay Iowa TTY Service 800-735-7942, or Webmaster@dnr.iowa.gov, and advise of specific needs.

*15.3	Management Agreement – Denning Conservation Area WMA – Lee County Conservation	Decision	Travis Baker
*15.4	Easement Conveyance — Leo Grau WMA – Buena Vista County SWCD	Decision	Travis Baker
16.	Public Land Acquisition Projects		
16.1	Rubio Wildlife Management Area, Washington County – Iowa Natural Heritage Foundation	Decision	Travis Baker
16.2	Fox Hills Wildlife Management Area, Wapello County – Iowa Natural Heritage Foundation	Decision	Travis Baker
16.3	Heritage Hills Wildlife Management Area, Clarke County – Iowa Natural Heritage Foundation	Decision	Travis Baker
16.4	Pilot Knob Wildlife Management Area, Winnebago Co. – Iowa Natural Heritage Foundation	Decision	Travis Baker
16.5	Heritage Hills Wildlife Management Area, Warren County – Iowa Natural Heritage Foundation	Decision	Travis Baker
16.6	Pilot Knob Wildlife Management Area, Winnebago County – Johnson	Decision	Travis Baker
16.7	Sedan Bottoms Wildlife Management Area, Appanoose Co. – Iowa Natural Heritage Foundation	Decision	Travis Baker
17.	Construction – Small Projects	Information	Travis Baker
18.	Contract with the Dickinson County Water Quality Commission	Decision	Travis Baker
19.	Contract with Story County Conservation Board	Decision	Travis Baker
20.	Contract with Scott County Conservation Board	Decision	Travis Baker
21.	Chapter 30 - Waters Cost-Share and Grants Program, Low-Head Dam Public Hazard Grant Recommendations	Decision	Travis Baker
22.	Construction Projects		
22.1	Littleton Dam, Dam Mitigation – Buchanan County	Decision	Travis Baker
22.2	Hickory Grove Lake, Mechanical Dredging & Shoreline Armoring – Story County	Decision	Travis Baker
22.3	West Lake Complex, Watershed Improvements –Scott County	Decision	Travis Baker
22.4	Viking Lake State Park, Office/Storage Buildings – Montgomery County	Decision	Travis Baker
22.5	AA Call State Park, Lodge Repair– Kossuth County	Decision	Travis Baker
22.6	Stone State Park, Lodge & Shelter Repair– Woodbury County	Decision	Travis Baker
22.7	State Forest Nursery, Irrigation System – Story County	Decision	Travis Baker
22.8	Center Lake Wetlands, Water Control Structure Replacement - Dickinson County	Decision	Travis Baker
22.9	Pavement Repair and Maintenance, Lake Macbride State Park - Johnson County	Decision	Travis Baker
*22.10	Pavement Repair and Maintenance, Green Valley State Park - Union County	Decision	Travis Baker
*22.11	Pavement Repair and Maintenance, Lacey-Keosauqua State Park – Van Buren County	Decision	Travis Baker
*22.12	Pavement Repair and Maintenance, Springbrook State Park/Beaver Lake WMA – Guthrie/Dallas County	Decision	Travis Baker
*22.13	Pavement Repair and Maintenance, Prairie Rose State Park - Shelby County	Decision	Travis Baker
*22.14	Pavement Repair and Maintenance, Pine Lake State Park - Hardin County	Decision	Travis Baker
*22.15	Pavement Repair and Maintenance, Fairport State Recreation Area - Muscatine County	Decision	Travis Baker
*22.16	Pavement Repair and Maintenance, Rock Creek State Park - Jasper County	Decision	Travis Baker

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.

Any person attending the public meeting and has special requirements such as those related to mobility or hearing impairments should contact the DNR or ADA Coordinator at 515-725-8200, Relay Iowa TTY Service 800-735-7942, or Webmaster@dnr.iowa.gov, and advise of specific needs.

*22.17	Pavement Repair and Maintenance, Wilson Island State Recreation Area - Pottawattamie County	Decision	Travis Baker
23.	Chapter 61, State Parks, Recreation Areas, and State Forest Camping – Notice of Intended Actions	Decision	Todd Coffelt
24.	General Discussion <ul style="list-style-type: none"> NRC Annual Report 		
Upcoming NRC Meeting Dates: <ul style="list-style-type: none"> Wed, 01/23/19, 1:00 pm, Business Meeting: IA DNR, 502 E 9th St, Des Moines, IA Thu, 02/14/19, 9:30 am, Business Meeting: IA DNR, 502 E 9th St, Des Moines, IA Thu, 03/14/19, 9:30 am, Business Meeting: IA DNR, 502 E 9th St, Des Moines, IA 			

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

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

Decision Item

5. Petition for Iowa City Urban Deer Management Zone – Special Harvest Request

The Department, on behalf of the Commission, has received a petition to hold a special deer harvest.

Petitioner: Iowa City, City Manager

Proposed Petition Summary: Allow the City of Iowa City to hold a special deer harvest using sharpshooters.

Date to Present to NRC: 12/13/18

Attached: Petitioner's Petition/Documentation



CITY OF IOWA CITY

410 East Washington Street
Iowa City, Iowa 52240-1826
(319) 356-5000
(319) 356-5009 FAX
www.icgov.org

November 28, 2018

Natural Resource Commission
Henry Wallace Building
502 E. 9th St.
Des Moines, IA 50309

In re: December , 2018 Business Meeting
Urban Deer Management Zone—Special Harvest/Request to Sharp Shoot Deer

Dear Commissioners:

Thank you for the placing this request by the City of Iowa City on the agenda of your December 13, 2018 business meeting. The following City staff will be appearing at your meeting: Captain Bill Campbell of the Iowa City Police Department and Assistant City Attorney Sue Dulek.

Earlier Request.

After listening to your comments and those of Dr. Garner at the May 2018 meeting, City staff took a variety of actions. First, a web page was created to provide the public with information on deer management. Here is a link to the web page-- <https://www.icgov.org/project/deer-population-management-project>. Second, a committee was formed consisting of City residents and staff. Third, the committee hosted a public forum on deer management on August 14. The forum was recorded and is available on the City's website. Fourth, the deer committee issued a memo to the City Council, which the Council discussed at its work session meeting on October 2 (copy is attached as Exhibit A). The City Council directed staff to make a second request to sharp shoot this upcoming winter.

Request.

Pursuant to 571 Iowa Admin. Code 105.5, the City of Iowa City (the City) is requesting NRC approval of an urban deer management zone during the winter of 2018-2019. Additionally, the City is requesting that the special harvest be conducted under the following conditions:

1. The deer management area is defined as all public and private land within the corporate limits as designated by the City Council. Property owners will need to provide the City with permission.
2. The number of deer to be killed will not bring the deer to a density of less than 25 deer per square mile.
3. The deer management program will be conducted solely by professional wildlife biologists trained as sharp shooters.
4. Bait may be used to attract deer to select sharpshooting locations. (The City understands that bait is an issue to many but this is not a recreational hunt.) As recommended by Dr. Garner, all baiting will be discontinued immediately and all remaining bait shall be removed if a CWD positive test result is confirmed. If no

CWD positive test result is confirmed, all bait will be removed at the end of the sharp shooting effort.

5. The deer carcasses will be individually identified (i.e., tagged) and transported whole (i.e., not field dressed) to a locker. All deer ages 1 year and older will be frozen and tested for chronic waste disease (CWD) and held in individual containers until CWD test results are known. The City and the IDNR will enter into a contract for CWD testing and all costs borne by the City. The contract will contain further testing details.
6. After receiving a "not detected" CWD test result, all deer meat will be distributed free of charge at the Crisis Center that operates our local food bank. If there is a positive CWD test, the carcass will be properly disposed of.
7. All antlers will be sawed off above the pedicle and turned over to the DNR. The locker will keep the hides.
8. Deer sharp shooting activities may occur from December 1, 2018 through March 31, 2019.

Long Term Deer Management Plan.

The City's long-term deer management plan is to do a count in 2019, after the above requested sharp shooting management program has occurred. If the number of deer remain over 25 deer per square mile, I assume that the City Council will again make a request to sharp shoot during the winter of 2019-2020. Although there have been many residents who have served on the City Council since the City first decided to sharp shoot 20 years ago, our Councils have always chosen to manage deer by sharp shooting. Our residents and our Councils have never wished to manage deer by means of bow hunting, and I believe that future Councils will not agree to a bow hunt. With that said, the City Council will need to direct staff each year on how it wishes the City to manage the deer population.

Previous NRC Action/Historical Background.

The City began its deer management just over twenty (20) years ago with discussions in 1996 with the DNR. As recommended by the DNR, the City formed a committee in 1997 to determine the best methods for the City to manage the deer population consisting of representatives of a variety of groups, such as a resident living in areas heavily populated with deer, resident in areas not heavily populated with deer, animal rights, science/biology background, and Iowa Wildlife Federation. After spending 5 months deciding whether to reduce the number of deer and how to do so, the committee recommended to City Council reduction by sharp shooting and trap and kill, but not bow hunting. The NRC approved the request to sharp shoot, and the City entered into a contract with the U.S. Department of Agriculture (USDA) to sharp shoot, but in February 1999, a lawsuit was filed against the USDA alleging a violation of the National Environmental Policy Act. The Court entered a temporary restraining order which terminated the sharpshooting that spring and ended the City's relationship with the USDA.

Beginning the following winter of 1999-2000 and continuing annually through 2009-2010 (with the exception of the winter of 2002-2003), the City contracted with White Buffalo, Inc. to sharp shoot. In each of those winters the City applied for authorization from the NRC to shoot, and in each year, the NRC granted the application.

Because the numbers of deer were at a reasonable population level, the City notified the NRC in May 2010 that it was not seeking authorization to sharp shoot the following winter. The City's Deer Task Force was also dissolved that spring.

For your information, attached as Exhibit B is a copy of the report by White Buffalo, Inc. from the operation of the winter of 2009-2010, which includes a summary of the number of deer harvested in each of the winters the City engaged White Buffalo, Inc.

Current Deer Population.

Unfortunately, the deer population in the City has grown since 2010 and has returned to the level of twenty (20) years ago. I am attaching as Exhibit C a copy of the report by White Buffalo, Inc. entitled "Iowa City White-Tailed Deer Population Estimate January 2018."

White Buffalo, Inc.

White Buffalo, Inc. is a nonprofit organization with considerable experienced in deer management in urban and suburban settings by means of professional sharpshooting. Its web site is <https://www.whitebuffaloinc.org/> As I said earlier, the City contracted with White Buffalo, Inc. for 10 years without incident and will do so again this year if the NRC approves this request. I am attaching as Exhibit D the sharpshooting protocol employed by White Buffalo, Inc.

Bow Hunting.

I know that some commissioners stated at the May meeting that they wanted to see the City offer bow hunting as an option to manage the deer within the City limits. I also understand that bow hunting is successful in many communities. The current City Council, as did previous Councils, prefers to manage the deer population in Iowa City by means of sharp shooting. Additionally, bow hunting will not kill enough deer to bring the numbers down to the number acceptable to City residents. As we did previously, the City will contract with a local locker to package and freeze all the deer meat to be distributed free of charge at the Crisis Center that operates our local food bank.

Conclusion.

City staff looks forward to the opportunity to meet with you, answer your questions, and address your concerns. If you find that you need additional information, we will provide that to you either in writing and/or in person. If authorization to proceed with sharp shooting is approved, I will provide the NRC with a report next spring summarizing the operation.

Thank you very much for your time and consideration.

Sincerely,



Geoff Fruin
City Manager

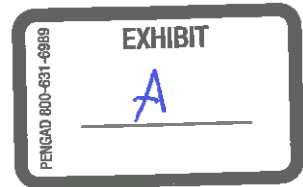
Enc.

Copies w/enc. to:

Jody Matherly, Chief of Police
Bill Campbell, Capt. Iowa City Police Dept.
Susan Dulek, Ass't. City Attorney

MEMORANDUM

TO: CITY COUNCIL
FROM: DEER COMMITTEE
RE: PUBLIC FORUM - DEER MANAGEMENT
DATE: 9/26/18



As requested in the March 6, 2018, City Council work session and suggested by the Iowa Natural Resource Commission (NRC), a committee was formed to discuss possible approaches for Iowa City's deer population management.

This committee was made up of the following five City staff members and five community members:

City Staff

Bill Campbell – Police
Derek Frank – Police
Sue Dulek – City Attorney's Office
Juli Seydell Johnson – Parks and Recreation
Liz Ford – Animal Control

Community Members

Brian Mildenstein
Jan Ashman
Ana Arnold
Laura Goddard
Erin Irish

The initial committee meeting was held on July 30, 2018, and included an in-depth discussion about past culling efforts in Iowa City, differing opinions on possible methods, and organizing a public forum to gauge community opinions on the need to reduce the deer population as well as methods to accomplish this, including sharpshooting and bow hunting.

Following that meeting, a page was created on the City website with information that included the Council work session transcript, the letter to the NRC from City Manager Geoff Fruin asking for special permission for a special harvest, and exhibits with historical and updated information about the deer count in Iowa City. The page also included details about the public forum that was to be held on August 14, 2018. For those not able to attend the forum, an email address was made available to allow for opinions to be submitted to the committee. Information about the forum was also distributed via various social media outlets.

Approximately 60 people attended the public forum, which included Tony DeNicola of White Buffalo, Inc., who presented data on the city's current deer count. He also offered information about his experience sharpshooting deer in Iowa City, and answered questions from several attendees, committee members, and residents.

A wide range of opinions were expressed at the public forum and via email submissions. Suggestions included, but are not limited to; not influencing the deer population at all, exploring and adopting non-violent methods of control, allowing bow-hunting, and hiring a professional service to reduce the numbers through a sharpshooting approach. There were many points brought up but not thoroughly considered due to time limitations. These include the amount of land developed in the Iowa City area since the last period of annual culling and how that affects deer distribution as well as control strategies,

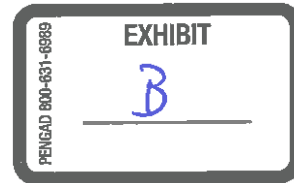
the effects of deer overpopulation on home gardens/local food production and on the natural areas surrounding Iowa City, the costs of sharpshooting compared to bow hunting as well as practical considerations of how long and where in the city each could be deployed.

This forum is available to view online on the City's website and YouTube.

The committee met again on August 28, 2018, and discussed the forum. While exact numbers were not collected the night of the forum, it is the committee's conclusion that most of the comments and opinions expressed favored acting soon to control the deer population. Dr. DeNicola made a strong case for a sharpshooting approach: the majority of those who favored control found his presentation persuasive.

In addition, the Committee received emails (including from some who also spoke at the forum) that largely urged non-lethal action to address deer management.

The committee members understand that deer population management is a complex subject with multiple aspects to consider. We suggest as the Council moves forward with this consideration, that they routinely revisit Iowa City's need for deer population management and continue to explore all available options to keep the numbers at an acceptable and sustainable level for Iowa City residents.



SUMMARY REPORT

2010 Deer Management Program

Iowa City, Iowa

by

White Buffalo, Inc.

Site Description

Iowa City contains a matrix of suburban/commercial development, agricultural fields, parks and open grasslands. As a result of no legal hunting opportunities and fertile soils, the deer population had increased to a level incompatible with some land uses and human activities. Although deer physical condition is not an issue, there is concern regarding deer/vehicle collisions and damage to garden and landscape plantings. As part of the 2010 comprehensive deer management program under the authorization of the Iowa Department of Natural Resources this is the 10th year, taking the 2002-2003 winter off, in which a population reduction program was implemented.

Deer Management Program Overview

Prebaiting was conducted from 18 December 2009 – 10 January 2010. Deer removal activities conducted from 11 - 21 January 2010. Eleven days of fieldwork were required to achieve the harvest of 57 deer.

Field Methods

We followed the operations protocol outlined in the contract. Seventeen bait sites were selected throughout the area of operation. Bait sites were shut down during the program as productivity declined, initial prebaiting activity demonstrated little deer activity, or weather conditions deemed the sites inaccessible.

Deer were shot on a first opportunity basis. This means that deer were shot only when, 1) a safe opportunity presented itself, and 2) maximal harvest efficiency would be achieved. Carcasses were then tagged and delivered to Ruzicka's Meats for processing.

Harvest Demographics

The entire data set generated from harvested deer is represented in the spreadsheet entitled "City of Iowa City – Deer Harvest by Date: 11 - 21 January 2010" (Appendix A). We harvested 39 females (68%) and 18 males (32%). The overall harvest demographics are summarized in Table 1. Eighteen (32%) fawns and 39 (68%) adults were harvested.

Table 1. Age class and sex distribution of deer harvested in Iowa City, Iowa from 11–21 January 2010.

AGE	# MALE (%)	# FEMALE (%)	# COMBINED
Fawn	11 (19.3)	7 (12.3)	18
Adult	7 (12.3)	32 (56.1)	39

Harvest by Deer Management Zone

To allow for a more comprehensive population management program, we summarized all the harvest data by management zone (Table 2) relative to deer concentration identified by the City's 2008 aerial snow count, no count was conducted in 2009. The most productive sites were within Zone D and the combination of Zone H&I, where 22, 7, and 15 deer were removed respectively (77% of the total harvest).

Table 2. Ten year comparison of harvest data by deer management zone.

ZONE	1999-2000	2001	2002	2004	2005	2006	2007	2008	2009*	2010
A	15	2	27	-	-	-	-	-	-	-
B	186	74	48	31	13	19	8	3	6	3
C	57	123	51	49	44	17	13	7	18	6
D	102	122	93	117	48	66	29	33	23	22
F	-	19	10	3	8	7	20	2	4	4
H & I	-	-	21	-	41	41	129	44	18	22
Total	360	340	250	200	154	150	199	89	69	57

Discussion

Three sites initially prepared for culling operations were shut down before removal efforts began based on our inability to access the sites due to the persistent deep and drifting snow. All three sites were located on University of Iowa property. Two additional sites were shut down due to lack of deer activity. Of the remaining 12 sites, all but two received two sharpshooting attempts (removal effort). In every case the second seated attempt resulted in a significant decline in productivity (deer harvested/man hour).

Harvest demographics this year indicate fawn recruitment to be 0.56 fawns per adult doe. This ratio is further confirmed by the limited number of fawns seen in the field (i.e., those not harvested). Many times, adult does harvested in groups would have no fawns present. Historical fawn recruitment based on past cull data was ~1.1 fawns per adult doe. This is the second year in a row where fawn recruitment is significantly below the historical average.

Adult male (males that had shed their antlers) harvest is similar to past years (~12.5%), with the exception of 2009 where 15% more adult males were harvested due to a later start date of operations (i.e. more males had shed their antlers). As stated in previous years, we would likely remove ≤1% adult males if the entire permit were valid starting 1 December.

Thirty six antlered males were observed while field operations were being conducted, additional antlered males were observed through infrared camera data. Individual animals were identified based on antler characteristics, no male was counted twice and if any doubt existed they were not added to the total. If snow counts are conducted, they should be interpreted with caution as, generally, there are a significant number of adult males (relative to adult females) present at most harvest sites. The ratio of observed yearling/adult males to yearling/adult females was ~1:1. Therefore, the population growth

potential relative to observed density will be greatly diminished. Again, next year's harvest projections should reflect this change in demographics.

Recreational feeding of deer on Saint Joseph's Cemetery continues to hamper our ability to manage deer in the Northwest corner of Hickory Hill Park and the surrounding area. Deer densities in this area appear (based on track sign and visual observations) to be significantly higher than the rest of town. The wood lot on the Southeast corner of Interstate Highway 6 and Hawkins Road also has substantial feeding activity from the residents of the Hope House (University of Iowa). Nine percent of the deer/vehicle strikes in town occur proximate to this location.

Deer vehicle strikes are down significantly from 1999 when 103 collisions were recorded. Thirty three collisions were recorded in 2009 (a 68% reduction), with 15 (45%) of those occurring on Highway 218 or Interstate 80, where town boundaries prevent adequate management activities to occur.

Total harvest has dropped significantly from 2007 to 2010. There are a number of reasons for this decline; however it should be noted that our effort per site has increased (at most sites) as deer densities continue to fall. Trend data suggest an overall herd reduction in all zones where culling activity occurs. A good example of this is Zone B, 186 deer were removed in 1999-2000 cull operations, only 3 animals were removed this year with two seated attempts. Harvest in this zone has stabilized in the single digits. Similar results occur in all zones.

Future Program Suggestions

Based on low recruitment over the last two years, dramatically reduced deer vehicle strikes (and corresponding deer densities), and a generally insignificant amount landscape damage we suggest that Iowa City consider delaying any additional deer management activities until winter of 2011-2012. At this time the State permit will again need to be made valid early to maintain the reduced densities on the University property (i.e., during the Christmas break). Also, if the State sees value in protecting males, I recommend that the general City-wide permit be made active by 1 December so males can be avoided (nearly all yearling and adult males will have visible antlers).

Acknowledgments

We would like to thank Kathi Johansen, City Manager's Office, Glenn Pauley, Iowa City Fire Department, Jeff Ruzicka of Ruzicka's Meats and his crew, and all the participating landowners for their cooperation and continued support. We also are grateful to IDNR for continued support of this program.

Iowa City Aerial Deer Counts

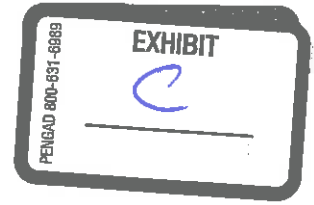
Zone	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
A	37	*	60	74	64	29	76	*	71	*	170	80	*	71
B	69	*	154	81	33	30	30	*	19	*	5	2	*	7
C	78	*	90	99	39	36	60	*	43	*	46	33	*	21
D	65	*	127	140	38	25	100	*	88	*	65	36	*	25
E	0	*	0	7	12	0	12	*	9	*	41	19	*	0
F	11	*	15	48	42	15	74	*	65	*	80	32	*	31
G	3	*	0	4	0	0	0	*	5	*	43	35	*	29
H	6	*	31	48	24	23	42	*	6	*	53	26	*	11
I	49	*	79	197	99	43	169	*	109	*	101	39	*	27
Total	318	0	556	698	351	201	563	0	415	0	604	302	0	222

* Not Flown

Aerial count conducted on February 11, 2010 by Greg Harris, Wildlife Depredation Biologist, Iowa DNR



White Buffalo Inc.
Conserving Native Species and Ecosystems



Iowa City
White-Tailed Deer Population Estimate
January 2018

January 30, 2018

Submitted by:

Dr. Anthony J. DeNicola
White Buffalo Inc.



INTRODUCTION

Deer overabundance and the associated conflicts are pervasive throughout much of the US. Alternative management techniques (i.e., controlled hunting, sharpshooting, trap and relocation, fertility control research) have been explored from Georgia to Texas to Minnesota and back through Maine and nearly all the states contained therein. Throughout this large geographic region, deer are creating both social and ecological conflicts in suburban, corporate, and park environments. Many federal, state and local agencies are struggling to address this ever-increasing problem.

Critical to any management decision and research assessment is an understanding of the abundance and distribution of deer, yet it is often difficult to obtain accurate estimates. There are a variety of estimation methods available to decision makers, and each method has its advantages and disadvantages. The techniques typically used to estimate the abundance of white-tailed deer include: spotlight surveys, aerial infrared-scanning or snow counts, mark-recapture/resight, and population reconstruction (Downing 1980). Mark-resight with infrared triggered camera-traps has successfully been used to estimate population size for free-ranging deer with a portion of the population tagged (Curtis et al. 2009). Jacobson et al. (1997) established that individual antler patterns could be used as a unique mark to identify the approximate number of individual antlered males using the survey area. This unique mark and photo ratios could then be used to successfully estimate population size, assuming all sex and age classes are equally susceptible to the camera-trap (Jacobson et al. 1997). Curtis et al. (2009) documented that using IRCs with the Jacobson method provided a reliable method for estimating the abundance of suburban white-tailed deer herds.

STUDY AREA

Iowa City contains a matrix of suburban/commercial development, agricultural fields, parks and open grasslands. As a result of no legal hunting opportunities and fertile soils, the deer population had increased to a level incompatible with some land uses and human activities in the late 1990s. Although deer physical condition was not an issue, there was concern regarding deer/vehicle collisions and damage to garden and landscape plantings. In 2000, a sharpshooting program was initiated that resulted in a significant deer population reduction, and associated deer-vehicle collisions, over a nearly 10 year period. The population reduction program was implemented through 2009 when it was concluded as deer-human conflicts were no longer of concern. This population estimate was requested given the deer population had not been actively managed for 8+ years and appeared to be increasing.



METHODS

Camera Survey

The camera survey was conducted in a ~3-mile² population estimation area (Figure 1). We divided the sampling area into 15 sections by overlaying a grid of approximately 130-acre blocks. We adjusted the grid for the best fit to deer habitat in each block. We deployed one camera per 130-acre block. The infrared-triggered digital cameras (Moultrie D-80 White Flash camera, Moultrie Feeders, Alabaster, AL, USA) were deployed over bait piles of shelled corn on properties with a high probability of deer activity. Camera sites were baited daily for several days prior to, and during camera deployment, starting on 5 December 2017 until the cameras were removed on 16 December 2017. Each camera was elevated approximately 2 ft off the ground, oriented north to control exposure issues, and placed approximately 12 ft from the center of bait. The cameras were set to run continuously for 24 hours per day, with a preset delay of 5 minutes between pictures. Every other day during the survey the memory cards in the cameras were changed to confirm the cameras were functioning properly. On 16 December, the photo survey was completed, and cameras were removed.

Figure 1. Population estimation area and camera locations.



After the cameras were removed from the field, all of the pictures containing deer were sorted by site. Each picture was closely studied, and we recorded the total number of deer, the number of antlered males, the number of non-branched antlered males that could not be uniquely identified, the number of adult females, and the number of fawns. The number of unique males observed at each site was determined using unique antler patterns.



Population Estimate: Jacobson's BDR Method

With the camera data we used the Jacobson buck:doe ratio (BDR) population estimator. As outlined in Jacobson (1997), "individual branch-antlered males were identified from photographs using antler configuration (# of points, relative length of points, angle of projection of points, and relative location of points on the antler beam), antler mass, pelage characteristics and body traits. We then assigned an identifying number to each antlered male. Branch-antlered males were any antlered males with greater than or equal to 1 branched antler. Photographs were excluded from analysis when identification of an animal was uncertain."

Spike-antlered males can be difficult to distinguish individually; therefore, spike:branch-antlered ratios were determined and the estimated total antlered male population was calculated using this ratio:

$$P_s = N_{sa}/N_{ba},$$

where

P_s = ratio of spike:branch-antlered bucks (antlered males),

N_{sa} = total number of spike-antlered deer occurrences in photographs,

N_{ba} = total number of branch-antlered deer occurrences in photographs,

and

$$E_b = (B \times P_s) + B,$$

where

E_b = estimated total buck (antlered male) population,

B = number of individually identified branch-antlered bucks (antlered males)."

The estimated adult female population was calculated using the estimated antlered male population and the antlered male:adult female ratio (calculated from the photographs):

$$P_d = N_d/N_b,$$

where

P_d = ratio of does (adult female) : bucks (antlered male),

N_d = total number of antlerless adult deer occurrences in photographs,

N_b = total number of antlered adult deer occurrences in photographs,

and

$$E_d = E_b \times P_d,$$

where

E_d = estimated total doe (adult female) population.

Fawn abundance was calculated in the same manner:

$$P_f = N_f/N_d,$$

where

P_f = ratio fawns: does (adult female),

N_f = total number of fawn occurrences in photographs,



and

$$E_f = E_d \times P_r$$

where

E_f = estimated total fawn population.

Total population size was estimated by summing each segment of the population. The sex ratio was determined using the ratio of antlered males to adult females in photo observations, where sex ratio = N_m/N_f . The recruitment rate was determined using the ratio of fawns to adult does in photo observations, where recruitment rate = N_f/N_d .

RESULTS/DISCUSSION

Photo summary

We obtained a total of 7,874 usable pictures from the 15 baited camera sites from 5-16 December 2017, which included 10,324 photographic observations of individual deer (Table 1). The total number of branched antlered male images that were identifiable in the pictures was 4,010, the total number of spike antlered male images was 317, the total number of females was 3,050, and the total number of fawns was 2,947 (Table 1).

TABLE 1. Summary of photos observations in Iowa City, IA December 2017.

	Photo Observations				
	# Observations of Deer	# Branched Antlered Males	# Spike Antlered Males*	# Females	# Fawns
Total	10,324	4,010	317	3,050	2,947

*Animal cannot be identified as unique based on antler pattern.

Density Estimate and Recruitment Rate

We estimated the total population in the survey area at 172 (Table 2), and given the area was ~3 mi², the minimum estimated density was 57.5 deer/mile². We estimated the total adult female population at 51 and the total fawn population at 49. This results in a fawn recruitment rate of 1.0.



TABLE 2. Estimated population in sample area using Jacobson BDR method based on photo observation data in Table 1).¹

	A: # Individual Branched Antlered Males ²	B: # Spike Antlered Males ^{3,a}	C: Total Antlered Males	D: Estimated # Adult Females ⁴	E: Estimated # Fawns ⁵	F: Minimum Estimated Total Population
Total	67	5	72	51	49	172

1. If a number is less than 1, we round up to 1, given there is likely a deer in the area. Rounding calculated in separate spreadsheet and numbers may vary slightly due to when rounding is applied.
2. The number of branched antlered males is based on photo capture of these males in camera survey and identification based on unique antler pattern.
3. # Spike Antlered Males (B) = (# Spike Antlered Male Photo Observations (Table 1)/# Branched Antlered Male Photo Observations (Table 1)) * # of Branched Antlered Males (A)
4. # Adult Females (D) = ((# Adult Female Photo Observations (Table 1)/# Antlered Male Photo Observations (Table 1))) * Total Antlered Males (A)
5. # Fawns (E) = (# Fawn Photo Observations (Table 1)/# Adult Female Photo Observations (Table 1)) * Total Adult Females (D)

Camera Survey Bias Adjustments and Sex/Age Class Ratio Ranges

There are potential sex and seasonal biases in attracting deer to bait relative to their occurrence in the population (Koerth and Kroll 2000, McCoy et al. 2011, Chitwood et al. 2017). The type of bias varies for any number of reasons, including food availability, breeding season, fawning period, and ratio of males to females. Given the unlikely ratio of antlered males:adult females:fawns in photos (~1.4:1:1), we believe the population estimate is an absolute minimum. In other words, females and fawns may be underrepresented as antlered males can dominate baited locations (especially after the breeding season while males still have their antlers) limiting the number of photos of females and fawns comparatively.

Typical suburban deer populations have been documented to be 20% antlered males (DeNicola et al. 2008). We believe the percentage of males in Iowa City is higher than the DeNicola et al. (2008) study, but likely not as high as the 42% observed in photos. We have documented approximately 30% antlered males in local populations at other project locations with male mortality rates that may be similar to those in Iowa City (e.g., our research site in Cincinnati, OH had 31.4% antlered males and San Jose, CA had 30% antlered males). If we adjust the ratio of antlered males to 30% this would increase the population estimate to 80 deer/mile², or 240 deer in the area surveyed.

The Iowa DNR counted 69 deer in 2008 in the same area of Iowa City. They used helicopter counts over snow. Therefore, there are likely 3 times as many deer now in the survey area as there were ~10 years ago. This reflects a density similar to what was present when we initiated the sharpshooting program in 2000.



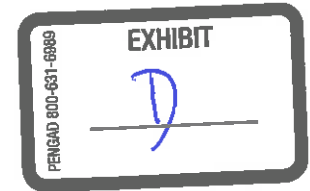
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White Buffalo Inc.

Conserving Native Species and Ecosystems



SHARPSHOOTING PROTOCOL

Subsequent to a decision by the landowner/s and the state wildlife management agency to implement a controlled deer reduction using White Buffalo Inc., the following procedures are used:

- 1) Prior to initiating any field activities the target area/s and surrounding properties are thoroughly surveyed using digital aerial images followed by field confirmation. By knowing the location of every occupied structure and areas of human use we are better able to work safely, discretely, and efficiently;
- 2) Bait sites are selected with the involvement of the landowner/s and the cooperating state agency. Each site is selected based on safety concerns and deer activity;
- 3) We conduct field operations during hours of lowest human activity. In addition, during the removal operation we search intensively for people and non-target animals to avoid mishaps;
- 4) Deer of all ages and sexes are harvested, however, adult does are prioritized. Deer are shot from a vehicle with a rifle during the night with the aid of spotlights. Some deer are shot over bait from a tree stand with a rifle during the day or at night. Night-vision equipment and suppressed firearms (only in states where they are legal to possess) are used to expedite field procedures and to ensure discrete operations;
- 5) During suburban deer reductions there will be continuous open communication between community members, municipality officials, and White Buffalo Inc. to keep people well informed regarding field activities to avoid conflicts;
- 6) When in doubt, never shoot;
- 7) All deer carcasses are transported and dressed with the highest degree of discretion;
- 8) When desired, we are willing to be responsible for the disposal of all by-products and transport of deer carcasses to a USDA inspected facility for processing and subsequent donation to the needy.

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

Decision Item

7. Donations

The Natural Resource Commission is requested to approve the following donations:

Donation to:	Amount	Description	Donation Provided by:
McIntosh Woods State Park	\$25,000.00	Barber Surf Rake for beach maintenance	Hancock Co SWCD
Law Enforcement Bureau	\$500.00	Funds to support water safety in Scott County	Linda Maxwell
Waubonsie State Park	\$500.00	4 Yards Ready-Mix Concrete for equestrian facilities	Backcountry Horsemen of Iowa
Lake Manawa State Park	\$1,300,000.00	Labor and materials to rebuild the Dream Playground	Dream Playground Re-imagined Committee
Lake Macbride State Park	\$25.00	Funds to support park improvements	Dogan Dincer
Iowa Outdoors Magazine	\$25.00	Funds to support the magazine	Brian Peavey
Law Enforcement Bureau	\$520.00	25 used trail cameras, 5 used monoculars, 10 used binoculars, and 2 used rifle scopes	Rebecca Younkins, Bass Pro Shops
Lacey-Keosauqua State Park	\$40.00	Mulch for campground trees	Merle Yoder, Yoder Hardwoods
Lacey-Keosauqua State Park	\$167.44	Repair equipment	David McQuoid, McQuoid Welding
Lake Macbride State Park	\$2,000.00	Funds to improve campsites 13/14N with retaining wall	Solon Beef Days Committee
Ledges State Park	\$120.00	Two Barn Owl nesting boxes and funds to support the Park for an Eagle Scout project	Nathan Steimel, Troop 888 St. Francis of Assisi
Lake Darling State Park	\$2,003.45	Five 5 foot round tables, three 6 foot rectangular tables	Stacie Lowe, President, Friends of Lake Darling
Lake Wapello State Park	\$794.00	Unison 136T double kayak	Friends of Lake Wapello
Lake Wapello State Park	\$180.83	Sundolphin Phoenix 10.4 single kayak	Friends of Lake Wapello
Volunteer Program	\$150.00	Hamburgers, buns, condiments, bottled water, and soda to support Camp Hosts Recognition Picnic at Big Creek State Park	Mark Crawford
Elk Rock State Park	\$439.00	4 potted trees (2 linden and 2 hard maple)	Friends of Elk Rock
Wildlife Bureau	\$11,184.08	78.54 acres of native seed meeting USDA standards for pollinator seedings	Ken and Matt Herring
Parks and Forestry	\$200.00	Funds to support Parks and Forestry	Kels Byus, Twin Forks Trading Co

Dale Garner, Division Administrator
Conservation and Recreation Division
December 13, 2018

Iowa Department of Natural Resources
Natural Resource Commission

Decision Item (**indicates proposed consent*)

***8. Contract Amendment-1 with Northwoods Forestry, Inc.**

Commission approval is requested for a contract amendment with Northwoods Forestry, Inc., of Eleva, Wisconsin.

Amendment-1 Terms:

Amendment Amount: Not to exceed \$60,000.00

Amendment Dates: 1/1/2019 to 12/31/2019

Funding Source(s): State Forest Nursery Sales

Amendment Purpose: To extend manual labor services, as outlined in the original contract, through 2019. In 2018, Northwoods served when called to assist with lifting and grading to meet shipping deadlines with their usual outstanding speed and accuracy, as well as assisting with weeding during the growing season.

Original Contract Purpose: To provide manual labor for weeding (removing weeds from the ground), lifting (removing seedlings from the ground) and grading/packaging (sorting, counting, packaging and sealing bags of bare root seedlings) according to standard operation procedures at DNR's State Forest Nursery (SFN).

Staff from Northwoods Forestry, Inc., travel nationally and specialize in providing labor for nurseries and other labor intensive agricultural services. In 2016, in an effort to explore cost effective alternatives, the SFN entered into a smaller contract with Northwoods. Their 8-person crew provided lifting and grading services during the spring high yield season. They lifted 404,000 seedlings and graded 60,000 seedlings in 10 days. This work produced a higher yield and was more cost effective than the previous vendors. In 2017, we increased the contract services with Northwoods Forestry, Inc. Utilizing data collected by SFN staff, the Northwoods contract crew has continued to perform tasks more quickly and at a higher yield than previous vendors. In addition to the time factor, the quality of work by Northwoods Forestry has also proven to be exceptional. During quality control checks, the accuracy of the counts and sizes of the seedlings being packaged was found to be higher than that of previous vendors, resulting in fewer complaints by customers.

Original Selection Process: In 2017, the DNR published a Request for Proposal (RFP) and reviewed bids for services requested. Northwoods Forestry, Inc. was awarded the bid due to cost, contractor's professional experience, performance record, letters of references, and the capacity of the contractor to complete responsibilities in the timeframe requested.

Contract History:

Original Contract Terms: Amount 60,000.00; Timeframe: 1/29/18 to 12/31/18; Purpose: Nursery Labor

Jeff Goerndt, State Forester, Forestry Section
Conservation and Recreation Division
December 13, 2018

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

Decision Item (**indicates proposed consent*)

***9. Contract with Newell Machinery Co., Inc.**

Commission approval is requested for a contract with Newell Machinery Co., Inc., of Hiawatha, Iowa.

Contract Terms:

Amount: Not to exceed \$26,945.00

Dates: January 11, 2019 to February 28, 2019

DNR shall have the option to extend this Contract for up to six years from the beginning date of the original contract by executing a signed amendment prior to the expiration of this Contract.

Funding Source(s): REAP

Contract Purpose: The State Forest Nursery provides affordable, high-quality native plant material for use in timber production, wildlife habitat restoration, erosion control, and other conservation-related endeavors, to landowners in Iowa and other states. Currently, the nursery sells approximately 1 million seedlings per year, and 3-5 million seedlings are grown on-site at any given time.

The nursery maintains a grading room where seedlings are sorted and packaged for distribution. Non-usable materials from the grading room are disposed through the use of an incline conveyor, which carries trash and debris generated by unsaleable materials to a dump truck for disposal. The current conveyor is over 40 years old and has been experiencing frequent break downs; expense and increased repair time reduces staff time harvesting and processing trees. This contract will remove and dispose of the current incline conveyor and replace it with a new 29'6" table, motor, and belt.

Selection Process Summary: The Department solicited quotes from targeted small businesses and also published an Informal Request for Quotes on the Department of Administrative Services website. Criteria in the RFQ included providing proof of experience and equipment needed to complete the tasks.

Quotes Due Date: 11/20/18

Quotes Reviewed: 3

Recommendation: Newell Machinery Co., Inc.

Vendor	Vendor Location (city, state)	Bid Amount
Newell Machinery Co., Inc.	Hiawatha, Iowa	\$26,945
RMH Systems	Waukee, Iowa	\$33,730
Custom Conveyor and Equipment Corporation	Polk City, Iowa	\$29,105

Jeff Goerndt, State Forester, Forestry Section
Conservation and Recreation Division
December 13, 2018

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

Decision Item

10. Contract with Infonet Systems, Inc.

Commission approval is requested for a contract with Infonet Systems, Inc., of Boca Raton, FL.

Contract Terms

Amount: Not to exceed \$100,000

Dates: January 1, 2019 to December 31, 2019

DNR shall have the option to extend this Contract for up to six years from the beginning date of the original contract by executing a signed amendment prior to the expiration of this contract.

Funding Source(s): Subscription Revenue

Contract Purpose: The purpose of this contract is for the management of Iowa Outdoors customer subscription base. Through Infonet, all subscription services from database management to customer service will be provided. Tasks include:

- Annual magazine circulation services – Maintain the main file of all subscribers and ensure the printer and others have that file to print the labels on the magazines. Guarantee all subscribers receive the issues they have subscribed and paid for.
- Customer service – Phone call and email based customer service on billing, payment and subscription information.
- Subscriber database – Infonet houses the Iowa Outdoors subscriber database, including the history of each subscriber and personally identifiable information.
- Marketing – Infonet, at the request and discretion of the DNR Communications Team, provides minor marketing services of mailings for renewals, lapsed subscribers and newly anticipated subscribers through licensing sales.

Infonet has successfully provided subscription management services to the Department for its approximate 35,000 subscribers since 2009 and currently provides this service to 12 other state natural resources magazines.

Selection Process Summary: The Department solicited proposals from targeted small businesses and also published a Request for Proposal (RFP) on the Department of Administrative Services website.

Proposal Due Date: 10/17/18

Review and Selection Committee: 3 members

- Communications (1)
- Licensing (1)
- Budget and Finance (1)

Scoring Criteria: Scoring was based on the criteria as described in the RFP which included cost of services, the contractor's professional experience, letters of reference, performance record, and the contractor's technical and marketing capabilities. Infonet Systems was the sole bidder for this RFP. Infonet's competitive prices are achieved by creating a co-op of states who can receive a group discount in the services they provide. Without the co-op, estimated costs for these services would be at least double.

Alex Murphy, Director of Communications
Communications Section
December 13, 2018

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

Decision Item

11. Water Recreation Access Cost-Share (WRAC) Grant FY 2019

The Commission is requested to approve funding for the recommended Water Recreation Access Cost-Share (WRAC) Grant applications pursuant to Iowa Administrative Code Chapters 571-30 for fiscal year 2019.

Grant Purpose: The Water Recreation Access Grants are awarded annually to assist governmental entities in providing or improving water access for recreation purposes. State cost-share funding is provided at 75% with the local 25% contribution coming from in-kind or monetary match if the project is not under a management agreement with the State of Iowa. Grantees can receive cost-share funding at 100% if managing property under an agreement on behalf of the State of Iowa.

Funding Source: Marine Fuel Tax

Grant Funding Available: \$400,000

Summary of Selection Process: Grant applications have been scored by a committee who met on November 15, 2018, to review a total of 16 projects requesting \$673,343.36 in Marine Fuel Tax according to rules provided for in Iowa Administrative Code chapter 571-30. Grant applications are scored through a two-part process. Initially, grants are received at the District Fisheries Offices and are reviewed by district staff and are given a general overall rank. The grants are then submitted to the central scoring committee who review each grant and make final selections based on eligibility, justification, work plan and district ranking. Top funded projects showed not only significant need of repair or replacement but they also showed a complete work plan and identified the value of the project to the users and the potential of increased participation for those who will benefit from the work completed.

Selection Committee Members: The review committee consists of 7 members:

- Fisheries Bureau (6)
- Conservation & Recreation Division (1)

Number of Applications Received: 16

Recommendations: The committee recommends providing funding for the top six projects. If an awardee declines their award the Department requests authority to offer those funds to the next highest scored project that meet the grant criteria.

Project Rank	Grant Applicant	Description	Total Project Cost	Marine Fuel Tax Grant Request	Recommended Grant Award
1	Buchanan County Conservation Board	Iron Bridge Access: Boat Ramps, parking improvements and amenities	\$354,859.72	\$266,144.79	\$266,144.79
2	Union County Conservation Board	Three Mile Lake: Boat ramp and dock replacement	\$13,064.00	\$13,064.00	\$13,064.00
3	Dickinson County Conservation Board	Ainsworth-Orleans Beach: Boat dock and boat ramp improvements	\$78,664.00	\$58,998.00	\$58,998.00

4	Winneshiek County Conservation Board	Lake Meyer Park: Boat launch restroom installation	\$29,874.00	\$22,405.50	\$22,405.50
5	Boone County Conservation Board	Don Williams Recreation Area: Replacement dock	\$6,500.00	\$4,875.00	\$4,875.00
6	City of Bellevue	Bellevue City Ramp: Ramp replacement	\$85,850.00	\$64,387.50	\$34,512.71
7	Dubuque County Conservation Board	Massey Marina Park: Courtesy dock and pit latrine replacement	\$42,752.00	\$32,064.00	0
8	City of Colfax	Quarry Spring Park: boat ramp development project	\$38,318.00	\$28,738.50	0
9	City of Eldon	Eldon Public Access: improvements to the boat ramp and access	\$34,739.42	\$26,054.57	0
10	Delaware County Conservation Board	Hardscrabble Access: develop access launch to the Maquoketa River	\$7,540.00	\$5,655.00	0
11	City of Lake Park	Silver Lake South Access: restroom and shelter development	\$137,469.00	\$103,101.00	0
12	Mitchell County Conservation Board	Bennett Access: Boat ramp with boulder rock dock	\$34,365.50	\$25,774.13	0
13	Floyd County Conservation Board	Floyd Bridge: Water access improvement	\$13,300.00	\$9,975.00	0
14	Union County Conservation Board	Three Mile Lake: Parking lot renovation	\$7,673.40	\$7,673.40	0
15	Taylor County Conservation Board	Windmill Lake: Access improvements	\$2,878.06	\$2,159.06	0
16	Taylor County Conservation Board	Wilson Park Lake: Access Improvements	\$3,031.88	\$2,273.91	0
Total				\$673,343.36	\$400,000

Michelle Wilson, Executive Officer
Conservation and Recreation Division
December 13, 2018

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

Decision Item

12. Contract with Kerestes-Martin Associates, Inc. (dba KMA Design)

Commission approval is requested for a contract with Kerestes-Martin Associates, Inc. (dba KMA Design), of Carnegie, Pennsylvania.

Contract Terms

Amount: Not to exceed \$66,960

Dates: December 14, 2018 to June 30, 2019

DNR shall have the option to extend this Contract for up to six years from the beginning date of the original contract by executing a signed amendment prior to the expiration of this contract.

Funding Source(s): REAP - Parks Operations and Maintenance

Background: The Department's state parks bureau manages more than 56,000 acres in 68 parks and recreation areas across the state. More than 14 million visitors enjoy Iowa state parks each year, exploring the natural amenities, cultural features and outdoor opportunities uniquely provided by the state park system.

Currently, signage within state park system is designed to standards set more than 20 years ago. Signage can be inconsistent in placement, messaging, sizing and design within a park and across the park system. Additionally, the current design does not necessarily address ADA compliancy, incorporate cartography or maximize readability. The Department's State Parks Bureau currently has a sign shop that fabricates all signs for parks.

Contract Purpose: Develop a wayfinding and signage master plan for the Iowa state park system to provide consistent, recognizable, and welcoming signage to ensure a quality visitor experience for years to come. The plan shall include wayfinding use distributions and relationships, strategic connections, regulatory requirements, and signage fabrication and installation requirements. Contractor shall also include creation of complete plans for two or three of the state parks to be used for baseline evaluation and to be introduced during the State Parks 2020 Centennial Celebration.

Selection Process Summary: The Department solicited bids from targeted small businesses and published the Request for Proposal on the Department of Administrative Services' website.

Proposal Due Date: November 5, 2018

Review and Selection Committee: 5 members

- DNR Parks Bureau (2)
- DNR Conservation and Recreation Division (1)
- DNR Communications (1)
- DNR Land, Water and Engineering Bureau (1)

Scoring Criteria: Proposals were scored based on criteria as described in the RFP, which included demonstrated satisfactory performance on wayfinding and signage master plans including demonstrated quality of end product, professional experience, performance record, letters of reference; conceptual plan, technical and modeling capabilities, and cost. Additional tasks (alternatives) were included in the RFP as bid options. The alternative bid* for interpretive panel templates will be included in the contract.

Proposals Received: 6

Recommendation: Kerestes-Martin Associates, Inc. (dba KMA Design)

Vendor	Vendor Location	Score	Rank	Cost
Kerestes-Martin Associates, Inc.	Carnegie, Pennsylvania	680	1	\$ 62,760.00 (+4,200.00*)
Cardosi Kiper Design Group, Inc.	Chicago, Illinois	539	2	\$ 70,000.00
Terrabilt, Inc.	Mamaroneck, New York	533	3	\$119,131.00
RDG Planning & Design	Des Moines, Iowa	470	4	\$ 91,713.00
Selbert Perkin Design	Chicago, Illinois	426	5	\$ 96,000.00
Kiku Obata & Company	St. Louis, Missouri	418	6	\$100,000.00

Todd Coffelt, State Parks Bureau Chief
 Conservation and Recreation Division
 December 13, 2018

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

Decision Item (**indicates proposed consent*)

***13. Contract Amendment-1 with University of Northern Iowa**

Commission approval is requested for a contract amendment with University of Northern Iowa, of Cedar Falls, IA.

Amendment-1 Terms:

Amendment Amount: not to exceed \$17,000

Amendment Dates: January 1, 2019 to June 30, 2019

Funding Source(s): Federal – Competitive State Wildlife Grant

Amendment Purpose: To procure equipment and continued administrative support for field assistants monitoring the wood turtles and the evaluating habitat management on public and private lands as part of this overall competitive grant. Equipment would include a water current meter and up to fifteen new transmitters to replace current ones that are nearing the end of their battery life.

Original Contract Purpose: The purpose of this contract is to retain UNI to provide scientific expertise with regards to habitat needs of the Wood Turtle and complete a radio-telemetry study following Wood Turtle response to habitat restoration efforts. This is a second grant award to continue the NRC approved (11/14/13) project work conducted January 2014-August 2016.

The Wood Turtle is a species of interest to the DNR as well as being a species the US Fish and Wildlife Service is evaluating for listing under the Endangered Species Act (decision expected in 2023). Along with capturing turtles, attaching radio-telemetry units, and monitoring the turtles' movements, UNI will be able to evaluate habitat management actions which have been conducted as part of the previous SWG-C DNR was awarded for the same objectives. Because of its importance, we again partnered with Wisconsin and Minnesota in this is multi-state federally sponsored project, with all states conducting similar research in their areas. UNI's faculty have relevant expertise to conduct statistically sound sampling design, properly conducted ecological surveys for Wood Turtles, and analyze the resulting data in a manner relevant to our wildlife management decisions.

Original Selection Process: Intergovernmental contracting with University of Northern Iowa is authorized under 11 IAC 106.4.

Contract History:

Original Contract Terms: Amount \$62,893; Timeframe: 01/01/17-06/30/19

Todd Bishop, Wildlife Bureau Chief
Conservation and Recreation Division
December 13, 2018

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

Decision Item

14. Contract with Iowa State University Cooperative Fish and Wildlife Research Unit

Commission approval is requested for a contract with Iowa State University Cooperative Fish and Wildlife Research Unit of Ames, Iowa.

Contract Terms:

Amount: Not to exceed \$185,672

Dates: January 1, 2019 to December 15, 2021.

DNR shall have the option to extend this Contract for up to six years from the beginning date of the original contract by executing a signed amendment prior to the expiration of this Contract.

Funding Source(s): Federal USFWS Competitive State Wildlife Grant

Contract Purpose: This three year contract is part of a Federal grant in which Iowa and Minnesota are cooperating to restore diverse native prairies for the benefit of Species of Greatest Conservation Need (SGCN). The purpose of the SGCN designation is to put focus on species that need assistance before they reach a critical stage and are listed as an endangered species under the Endangered Species Act. This contract will cover the design and implementation of a research protocol for the most effective establishment and maintenance methods for forbs to achieve diverse, native prairies. The focal area for the project is northwest and north central Iowa, and southwest and south central Minnesota and the targeted pollinators include Regal Fritillary and Monarch butterflies among other butterflies, bees, and moths.

The prairie ecosystem is almost entirely gone in Iowa and Minnesota, resulting in fragmented native prairie that often cannot support viable populations of prairie-dependent wildlife. Prairie reconstruction is one of the major activities conservation practitioners can do to reverse the trends of loss of the prairie ecosystem. Over time, conservation practitioners have added species to their seed mixes from two or three grass species mixes to upwards of one hundred species. Despite this increase in diverse seed mixes, early season forbs remain generally excluded due to low supply and high cost. There are many benefits in using diverse (early, mid, and late-season) blooming forbs in prairie plantings, such as providing early-season pollen and nectar for emerging queen bees; providing nectar and pollen food resources to pollinators that are active at different times of the growing season, increasing diversity of prairie reconstructions making them more resilient to environmental change, providing host plants for species of greatest conservation need (e.g., regal fritillary and monarch), and adding diversity in the vertical structure to benefit grassland birds.

For this prairie restoration research, Iowa State University will collaborate with DNR to meet criteria outlined in the grant proposal to:

- Establish experimental plots in which to evaluate the success of different vegetation management methods in establishing focal plant species that serve as hostplants and nectar resources for pollinators
- Design and implement survey protocols to evaluate the success of plant establishment
- Conduct butterfly surveys and butterfly hostplant surveys, and document floral visitors to experimental plots
- Analyze survey data to determine whether certain prairie planting and maintenance practices are more successful than others in establishing diverse prairies that support healthy pollinator communities

The DNR will use the information for future planning prairie reconstruction and maintenance.

Selection Process Summary: Intergovernmental contracting with Iowa State University is authorized under 11 IAC 118.4.

Todd Bishop, Wildlife Bureau Chief
Conservation and Recreation Division
December 13, 2018

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

Decision Item (** indicates proposed consent*)

15. Public Land Management Project

15.1. Management Agreement – Dixon Beach – West Okoboji Lake – City of Okoboji

The Natural Resource Commission is requested to approve a management agreement with the City of Okoboji for Dixon Beach on West Okoboji Lake.

Location: The area is located within the city limits of Okoboji on the east side of West Okoboji Lake in Dickinson County.

Site Purpose: The purpose of this management agreement is to transfer the use and care of state-owned land to the City of Okoboji. Dixon Beach is primarily used for water and dock access for adjacent landowners. The site also features a promenade (walking path) which runs the entire length. There is also a public beach and dock accessed by Holiday Way Road.

Management History: The City vacated and transferred the property to the State in 1934 but continued to manage the site since then. This management agreement will formalize the arrangement.

Management Agreement Term: The term of this Agreement with the City of Okoboji to manage the area is through 2043.

***15.2. Easement Conveyance - Clare Wilson Access - Dickinson County**

The Natural Resource Commission is requested to approve an electrical equipment easement at the Clare Wilson Access in Dickinson County.

Project Description: Interstate Power and Light Company (Alliant Energy) via Mi-Tech Services is requesting an easement for constructing, operating and maintaining a step-tie transformer on an area located adjacent to the boat ramp parking lot.

The size of the easement will be 100 ft² (10ft x 10ft) in total.

The District Parks Supervisor reviewed the request and gave his approval.

Compensation: \$0.00

***15.3. Management Agreement – Renewal - Denning Conservation Area WMA – Lee County
Conservation**

The Natural Resource Commission is requested to approve the renewal of a management agreement with the Lee County Conservation Board to manage the Conrad and Eleanor Denning Conservation Area.

Location: The area is 15 miles northwest of Fort Madison.

Site Purpose: The purpose of this management agreement is to transfer the use and care of state-owned land to the Lee County Conservation Board. This management agreement covers approximately 310 acres donated to the state by the Dennings' under various transactions from 1980-2000. It will be managed as a recreation area with primary emphasis as a wildlife area.

Management History: Lee County has managed the area since 1980.

Management Agreement Term: The term of this Agreement with the Lee County Conservation Board to manage the Denning Conservation Area is through 2043.

***15.4. Easement Conveyance — Leo Grau WMA – Buena Vista County SWCD**

The Natural Resource Commission is requested to approve a Conservation Reserve Enhancement Program (CREP) Easement at the Leo Grau Wildlife Management Area in Buena Vista County.

Project Description: The Buena Vista Soil and Water Conservation District is requesting a 30 year conservation reserve enhancement easement for reducing nitrate levels in surface waters. The USDA/IDALS will construct a water control structure as part of the restoration effort on the property. The area currently serves as a wetland area for public hunting. No public access or use will be lost.

The size of the easement will cover the entire parcel (63.98 acres).

Local wildlife staff have reviewed and improved the proposed easement.

Compensation: \$0.00

Travis Baker, Land & Waters Bureau Chief
Conservation and Recreation Division
December 13, 2018

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

Decision Item

16. Public Land Acquisition Projects

16.1. Rubio Wildlife Management Area, Washington County – Iowa Natural Heritage Foundation

The Natural Resource Commission's approval is requested to purchase a tract of land located in Washington County adjacent Rubio Wildlife Management Area (WMA).

Seller: Iowa Natural Heritage Foundation (INHF)

Acreage: 53 acres

DNR Purchase Price: \$58,000

Appraised Value: \$58,000

Property Description: This property is located one mile northeast of Rubio in southwestern Washington County. The nearly level tract with grasslands and shallow water wetlands is enrolled in the Wetland Reserve Program. There are no building improvements. Access to the property is provided by county road extending to the south boundary.

Purpose: The property will provide public access to hunting and other outdoor recreation opportunities. This acquisition will allow for frequent flooding and reversion into early succession river forest and associated shallow water areas that change with the nearby South Skunk River levels.

DNR Property Manager: Wildlife Bureau

Funding Source(s): \$53,000 Ducks Unlimited-Upper Mississippi Migration Corridor NAWCA, \$5,000 REAP Open Spaces

Incidental Costs: Incidental closing costs will be the responsibility of the Department. This property will remain on the property tax rolls.

16.2. Fox Hills Wildlife Management Area, Wapello County – Iowa Natural Heritage Foundation

The Natural Resource Commission's approval is requested to purchase a tract of land located in Wapello County adjacent Fox Hills Wildlife Management Area (WMA).

Seller: Iowa Natural Heritage Foundation (INHF)

Acreage: 116 acres

DNR Purchase Price: \$267,467

Appraised Value: \$267,467

Property Description: This property is located 2 miles south of Agency in southeastern Wapello County. The entire tract consists of heavily forested limestone bluffs and ravines sloping south to the Des Moines River at the south boundary. The upland forested areas are high quality hardwoods. There are no building improvements. Access to the property is provided by a 30-foot wide easement extending south from a county, gravel road, as well as through existing state-owned land adjacent east.

Purpose: This tract reflects diverse wildlife habitats that will support the Indiana bat and several neotropical migrant species. The property will provide public access to hunting and other outdoor recreation opportunities.

DNR Property Manager: Wildlife Bureau

Funding Source(s): Federal Pittman-Robertson

Incidental Costs: Incidental closing costs will be the responsibility of the Department.

16.3. Heritage Hills Wildlife Management Area, Clarke County – Iowa Natural Heritage Foundation

The Natural Resource Commission's approval is requested to purchase a tract of land located in Clarke County near Heritage Hills Wildlife Management Area (WMA).

Seller: Iowa Natural Heritage Foundation (INHF)

Acreage: 161 acres

DNR Purchase Price: \$618,000

Appraised Value: \$618,000

Property Description: This property is located 6 miles north of Murray in northwestern Clarke County. The rolling tract consists of 122 acres of timber and grassland, 37 acres of cropland, and 2 acres of road right-of-way. The forested areas are a typical oak/hickory mix. There are no building improvements. County gravel roads provide access along the west and south boundaries of the property.

Purpose: This tract reflects diverse habitats for upland game. The property will provide public access to hunting and other outdoor recreation opportunities.

DNR Property Manager: Wildlife Bureau

Funding Source(s): Federal Pittman-Robertson

Incidental Costs: Incidental closing costs will be the responsibility of the Department.

16.4. Pilot Knob Wildlife Management Area, Winnebago Co. – Iowa Natural Heritage Foundation

The Natural Resource Commission's approval is requested to purchase a tract of land located in Winnebago County adjacent Pilot Knob Wildlife Management Area (WMA).

Seller: Iowa Natural Heritage Foundation (INHF)

Acreage: 163 acres

DNR Purchase Price: \$170,000

Appraised Value: \$206,000

Property Description: This property is located 6 miles northeast of Forest City in southeastern Winnebago County. The gently sloping to depressional tract with grasslands and shallow sloughs is enrolled in the Wetland Reserve Program. There are no building improvements. Access to the property is provided by county, gravel roads along the north and west boundaries.

Purpose: The property will provide public access to hunting and other outdoor recreation opportunities. This acquisition will allow for restoration of wetland basins interspersed with tallgrass prairie and potential to restore many acres of oak savanna, providing for valuable wildlife habitats.

DNR Property Manager: Wildlife Bureau

Funding Source(s): \$103,438 from Prairie Lakes 10 NAWCA, \$66,562 from Wildlife Habitat Stamp

Incidental Costs: Incidental closing costs will be the responsibility of the Department. This property will remain on the property tax rolls.

16.5. Heritage Hills Wildlife Management Area, Warren County – Iowa Natural Heritage Foundation

The Natural Resource Commission's approval is requested to purchase a tract of land located in Warren County near Heritage Hills Wildlife Management Area (WMA).

Seller: Iowa Natural Heritage Foundation (INHF)

Acreage: 178 acres

DNR Purchase Price: \$794,000

Appraised Value: \$794,000

Property Description: This property is located 2 miles east of New Virginia in southwestern Warren County. The rolling to level tract consists of 95 acres of timber, grassland and creeks, 58 acres of cropland, 24 acres enrolled in CRP, and 1 acre of road right-of-way. The bottomland is severed by Squaw Creek and mostly within the area of 100-year floodplain. The upland forested areas are a typical oak/hickory mix. There are no building improvements. A county gravel road provides access along the north boundary of the property.

Purpose: This tract reflects diverse wildlife habitats, primarily for upland game. The property will provide public access to hunting and other outdoor recreation opportunities.

DNR Property Manager: Wildlife Bureau

Funding Source(s): Federal Pittman-Robertson

Incidental Costs: Incidental closing costs will be the responsibility of the Department.

16.6. Pilot Knob Wildlife Management Area, Winnebago County – Johnson

The Natural Resource Commission's approval is requested to purchase a tract of land located in Winnebago County near Pilot Knob Wildlife Management Area (WMA).

Seller: Iowa Natural Heritage Foundation (INHF)

Acreage: 79.5 acres

DNR Purchase Price: \$84,513

Appraised Value: \$84,513

Property Description: This property is located 7 miles northeast of Forest City in southeastern Winnebago County. The tract is gently sloping with level to depressional flats enrolled in the permanent Wetlands Reserve Easement. The Wetlands Reserve easement land is seeded to native prairie grasses and includes wetland slough areas. The property has no building improvements. County roads front along the east and south boundaries of the tract.

Purpose: This tract will provide diversity for several habitat types to manage for restoration of a shared wetland basin and additional recovery of native prairie species. The property will provide public access to hunting and other outdoor recreation opportunities.

DNR Property Manager: Wildlife Bureau

Funding Source(s): Federal Prairie Lakes 8 NAWCA

Incidental Costs: Incidental closing costs will be the responsibility of the Department.

16.7. Sedan Bottoms Wildlife Management Area, Appanoose Co. – Iowa Natural Heritage Foundation

The Natural Resource Commission's approval is requested to purchase a tract of land located in Appanoose County adjacent Sedan Bottoms Wildlife Management Area (WMA).

Seller: Iowa Natural Heritage Foundation (INHF)

Acreage: 458 acres

DNR Purchase Price: \$590,500

Appraised Value: \$641,000

Property Description: This property is located six miles southeast of Exline in southeastern Appanoose County. The nearly level tract lies within the floodplain of the Chariton River, which borders a portion along the westerly boundary and bisects the north region of the property. Most of the land (344 acres) is enrolled in the permanent Wetlands Reserve Program with remainder as unencumbered grasslands and bottomland timber. There are no building improvements. Access is provided by county roads along portions of the east and south sides of the property.

Purpose: The property currently reflects excellent wetland development, and will provide public access to hunting and other outdoor recreation opportunities. This acquisition will allow for frequent flooding and reversion into early succession river forest and associated shallow water areas that change with the nearby Chariton River levels.

DNR Property Manager: Wildlife Bureau

Funding Source(s): Federal Pittman-Robertson

Incidental Costs: Incidental closing costs will be the responsibility of the Department.

Travis Baker, Land & Waters Bureau Chief
Conservation and Recreation Division
December 13, 2018

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

Information Item

17. Construction - Small Projects

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

Bid Date	Project No.	Location	County	Summary	Cost Estimate	Bids
10/25/18	19CRDPARKJ YALE-0001 #D4FY19-51	Wildcat Den State Park	Muscatine	Demolish the existing pit latrine and replace with a new double-hole pit latrine.	\$80,000	\$54,764.00 \$56,200.00 \$59,900.00 \$78,000.00
11/1/18	19-01-67-01 Parks	Lewis and Clark State Park	Monona	Demolish the existing pit latrine; install a new pit latrine and sidewalk to the existing parking area.	\$43,350	\$44,094.90 \$86,699.90
11/1/18	18-05-91-01 Parks	Lake Ahquabi State Park	Warren	Constructing a concrete parking lot for 5 vehicles with boat trailers.	\$29,808	\$16,350.00 \$24,785.00 \$345,640.00
11/5/18	18-02-99-01 Wildlife	Elm Lake WMA	Wright	Installing new tiling, installing a water control structure, and plugging existing tiles.	\$30,000	\$32,960.00
11/8/18	19-02-08-01 Wildlife	Boone Research Station	Boone	Install 10" of loose fill fiberglass insulation to the attic of the Research Station.	\$15,000	\$2,559.60 \$4,621.50 \$5,996.10 \$12,798.00 \$12,798.00
11/15/18	19-03-12-02 Wildlife	Lower West Fork Wildlife Area	Butler	Excavating 7 shallow water ponds and using the excavated material to construct 6 habitat mounds.	\$25,000	\$24,407.50 \$27,642.00
10/25/18	19CRDPARKJ GILM-0001 #D2FY19-52	Bellevue State Park	Jackson	Demolish existing double pit latrine system and install a new single pit latrine.	\$40,000	\$40,313.00 \$43,900.00
10/25/18	19CRDPARK MMOLE- 0001 #D3FY19-53	Waubonsie State Park	Fremont	Removal of old pit latrine and placing new pit latrine in equestrian area.	\$40,000	\$44,000.00 \$44,250.00
10/25/18	19CRDPARKD SUNN-0001 #D2FY19-4	Backbone State Park	Delaware	Renovate one of the CCC pit latrines and replace the roof.	\$35,000	\$20,410.00 \$24,878.00 \$40,275.00

10/25/18	19CRDPARKB ANDE-0001 #D4FY19-53	Rock Creek State Park	Jasper	Removal of old pit latrine and placing new pit latrine in non-electric campground,	\$40,000	\$38,550.00 \$40,600.00
10/25/18	19CRDPARKB ANDE-0002 #D4FY19-54	Rock Creek State Park	Jasper	Removal of old pit latrine and placing new pit latrine in picnic area.	\$40,000	\$38,550.00 \$40,600.00
10/25/18	19CRDPARKD LATH-0001 #D3FY19-51	Nine Eagles State Park	Decatur	Removal of old pit latrine and placing a new pit latrine in the non-electric campground area.	\$40,000	\$33,295.00 \$39,850.00 \$42,150.00 \$44,250.00
10/25/18	19CRDPARKS MICH-0001 #D2FY19-3	Pikes Peak State Park	Clayton	Remove old shingles and install new sheathing, drip edge, roofing felt and laminated shingles on 1 pit latrine and 2 gazebos.	\$20,000	\$11,482.00
10/25/18	19CRDPARKS MICH-0004 #D2FY19-6	Backbone State Park	Delaware	Remove and install new sheathing, fascia boards, drip edge, underlayment, Jay Trim and asphalt shingles on 2 picnic shelters.	\$25,000	\$12,489.00 \$25,967.00 \$26,057.00
10/25/18	19CRDPARKS MICH-0003 #D2FY19-7	Backbone State Park	Delaware	Remove old and install new sheathing, drip edge, underlayment, and asphalt shingles on 3 CCC shelters.	\$35,000	\$24,614.00 \$28,820.00
10/25/18	19CRDPARKD SLEE-0001 #D3FY19-52	Lake of Three Fires	Taylor	Replace pit latrine in the picnic area.	\$40,000	\$34,595.00 \$42,900.00 \$45,250.00
10/25/18	18-01-30-06 #D1FY19-10	Gull Point State Park	Dickinson	Remove and replace wood timbers of the entrance portal gate, salvage and re- use the hardware, stain the new timbers, and clean the stone monument.	\$25,000	\$19,198.00 \$41,730.00 \$48,380.00
11/1/18	19CRDPARKS MICH-0006 #D2FY19-8	Bellevue State Park	Jackson	Remove and install 11 windows and 3 doors in the lodge.	\$25,000	\$14,707.46 \$14,980.00

Travis Baker, Land & Waters Bureau Chief
Conservation and Recreation Division
December 13, 2018

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

Decision Item

18. Contract with the Dickinson County Water Quality Commission

Commission approval is requested for a contract with the Dickinson County Water Quality Commission (WQC), of Spirit Lake, Iowa.

Contract Terms:

Amount: Not to exceed \$105,528.00

Dates: December 13, 2018 to June 30, 2020

Funding Source(s): Lake Restoration Program

Contract Purpose: The DNR and WQC recognize that lakes in Dickinson County, including but not limited to the Iowa Great Lakes (IGL), Center Lake, and Silver Lake, are significant public resources and both the DNR and WQC support efforts to improve or protect the quality of lakes in this region. The IGL are major recreational lakes for Iowa residents and visitors from adjacent states.

The WQC was established in 2001 to provide a steady funding source for water quality projects for lakes in Dickinson County through a grant program that encourages local, state, or federal match. The DNR has been a partner with the WQC since 2015 supporting projects that improve or protect water quality, such as creation or maintenance of Best Management Practices, erection and maintenance of storm water runoff facilities, watershed protection, water monitoring, and other activities that enhance or promote water quality.

The WQC received eight applications for their recent grant cycle, of which they will be funding seven of the eight projects in the amount of \$275,528 with local match contributions of \$1,221,744. This contract will help support the three of the projects that meet the DNR Lakes Program requirements. Tasks for these three projects include:

- Construction of an urban storm water wetland and retrofit of the storm water sewer draining into East Okoboji Lake (Francis Site Wetland; Project application FY19-05)
- Shoreline Restoration at Papoose and Hiawatha Parks to reduce shoreline erosion below the ordinary high water mark line (Mineyata Park Lot Owners; Project application FY19-08)
- Water quality monitoring in the Silver Lake Watershed (Silver Lake Park Improvement Association; Project application FY19-01)

The following is the cost share partnership for this contracted work:

Local Cost-Share Sources	\$1,221,744
<i>(The City of Spirit Lake, Dickinson County, the Dickinson County Endowment, The Okoboji Foundation, Urban WQI Grant administered by IDALS, East Okoboji Land Improvement Corporation, the City of Wahpeton, Minneyata Park Lot Owners Association members, the Wahpeton Canal Association, and the Silver Lake Park Improvement Association)</i>	
IA DNR Lake Restoration Program	\$ 105,528
Water Quality Commission	<u>\$ 170,000</u>
<i>(The WQC also provides \$30,000 to support the program's administrative costs.)</i>	
Total Cost	\$1,497,272

Selection Process Summary: Intergovernmental contracting with the WQC is authorized under 11 IAC 118.4.

Travis Baker, Bureau Chief, Engineering, Land and Waters Bureau
Conservation and Recreation Division
December 13, 2018

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

Decision Item

19. Contract with Story County Conservation Board

Commission approval is requested for a contract with the Story County Conservation Board (SCCB), of Ames, Iowa.

Contract Terms:

Amount: Not to exceed \$2,582,346.75

Dates: December 13, 2018 to June 30, 2020

DNR shall have the option to extend this Contract for up to six years from the beginning date of the original contract by executing a signed amendment prior to the expiration of this Contract.

Funding Source(s): Lake Restoration Program

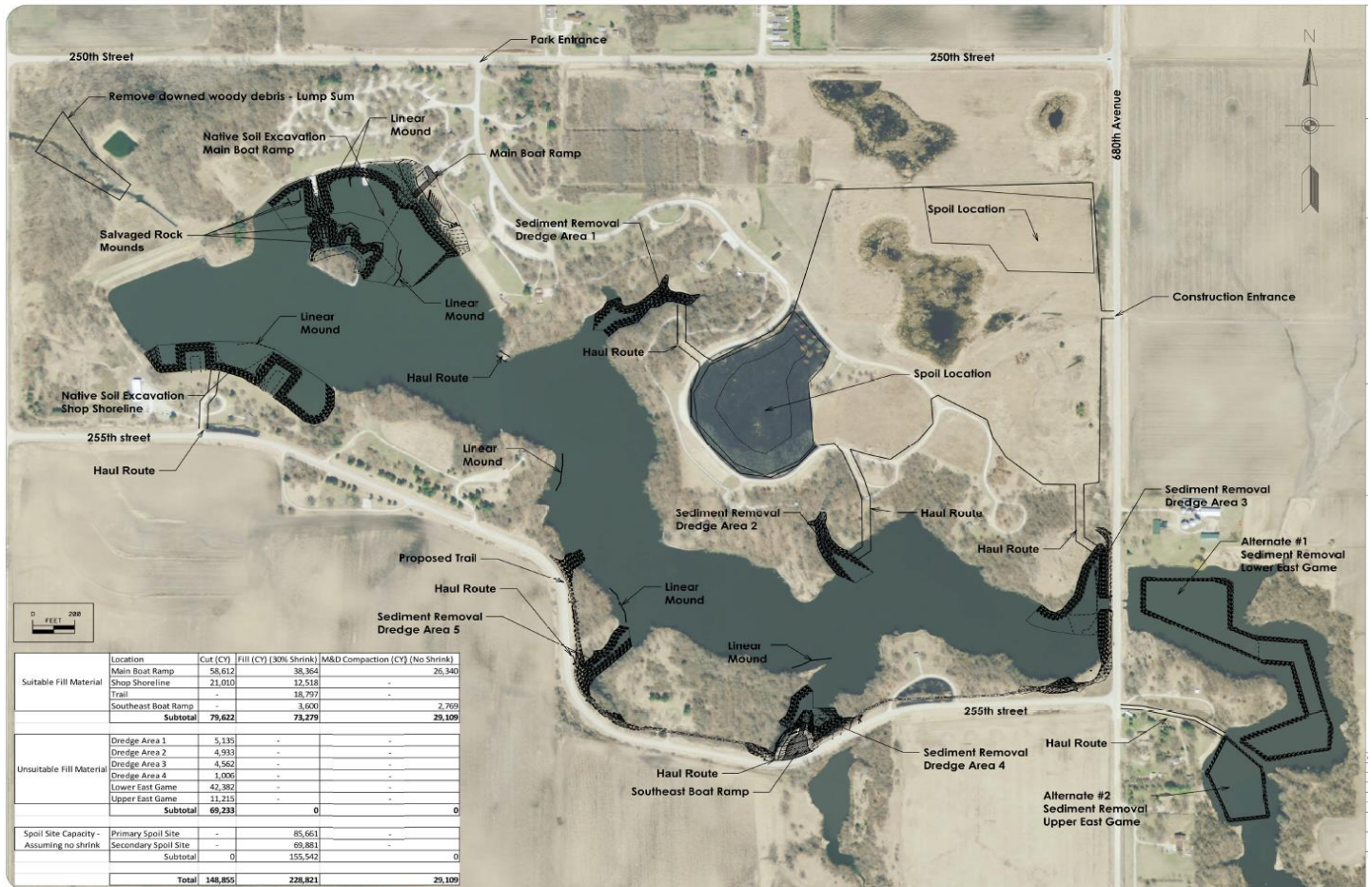
Background: Hickory Grove Lake is a 100-acre constructed lake in Story County with a lake to watershed ratio of 40:1. According to the CARD 2014 survey, the lake has about 44,000 estimated annual household visits and serves as a regionally important lake. The Story County Conservation Board reports that the park is popular camping and fishing destination within the county, and sees many visitors from within a 60-mile radius. The lake is also home to a popular triathlon each spring. Popular activities include fishing, camping, relaxing, and wildlife watching. In recent years, the lake has experienced a number of rain event-driven water quality problems that are negatively affecting this resource. Sedimentation in arms of the lake has impacted recreation and surface run-off has led to gully erosion, debris, and nitrogen spikes in samples collected from the watershed. Additionally, the beach at the lake has been listed as impaired due to high concentrations of indicator bacteria. While the fishery remains relatively healthy, carp have limited vegetation in the lake. Aquatic vegetation is important fish habitat and helps keep water clear by removing nutrients from the water column and minimizing sediment re-suspension due to wind and wave action in nearshore areas.

In 2014, to address issues, Story CCB received a WIRB (Watershed Improvement Review Board) grant and partnered with DNR's Lake Restoration Program to complete work to minimize sediment and nutrients being delivered to the lake. The \$506,308 project (60% Local; 40% Lake Restoration) was completed in 2016. In the summer of 2016, DNR and Story CCB worked to complete a preliminary assessment of the park grounds to determine where additional practices could be placed to mitigate gully erosion in the park and improve existing sediment ponds in the park. A project to implement Best Management Practices at identified locations was initiated and 25 rock silt dikes were constructed, shoreline areas were armored, and drainage tile repair work was done. The \$124,043 project (75% Lake Restoration, 25% SCCB) was completed in September 2018.

Contract Purpose: The purpose of this contract is to work with the SCCB to complete restoration work within Hickory Grove Park. The project consists of targeted mechanical dredging, placing fish habitat, constructing two boat ramps, and armoring portions of the shoreline. Deposited sediment will be removed from five bays below gully outlets as well as the upper end of the lake. Excavated sediment will be spoiled in an upland location within the park and will be seeded into native prairie. Native soils will be excavated in two popular fishing areas, near the main boat ramp/campground and near the south shoreline. The excavated native soil will be used to increase the size of the existing island, create new fishing jetties,

provide core material for fish habitat, and build up the shoreline for the two new boat ramps and a proposed walking trail. Both existing boat ramps will be rebuilt with expanding parking. A walking trail will be graded along the south shoreline, and will connect to the existing trail system. The new section will allow patrons to walk completely around the lake without having to walk on the county roads.

DNR Contribution (75%): Not to exceed \$2,582,346.75
SCCB Contribution (25%): Not to exceed \$ 860,782.25
Total Cost: Not to exceed \$3,443,129.00



This project completes the planned restoration work at Hickory Grove.

Selection Process Summary: Intergovernmental contracting with the SCCB is authorized under 11 IAC 118.4.

Travis Baker, Land and Waters Bureau Chief
 Conservation and Recreation Division
 December 13, 2018

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

Decision Item

20. Contract with Scott County Conservation Board

Commission approval is requested for a contract with the Scott County Conservation Board (SCCB), of Davenport, Iowa.

Contract Terms:

Amount: Not to exceed \$462,192.75

Dates: December 13, 2018 to June 30, 2020

DNR shall have the option to extend this Contract for up to six years from the beginning date of the original contract by executing a signed amendment prior to the expiration of this Contract.

Funding Source(s): Lake Restoration Program

Background: The Lake of the Hills complex of lakes encompasses four publicly owned lakes (Lake of the Hills, Railroad Lake, Bluegrass Lake, and Lambach Lake) within West Lake Park, which is owned and operated by SCCB. The park serves as an important recreation destination for eastern Iowa, with approximately 500,000 visitors to the park each year. During the summer months, the campground is filled most days and most park shelters are rented to capacity. The park is in the process of making additional infrastructure improvements, including building cabins to attract additional users. Additionally, West Lake Park is the home of the Quad Cities Triathlon, drawing approximately 700 athletes to the park. Other day uses include fishing, paddling, environmental education, hiking, photography, bird watching, and relaxation.

Lake of the Hills, located within West Lake Park, is a 54.6 acre lake with a watershed of approximately 1500 acres (27.5:1 watershed to lake area ratio). Thirty-eight percent of the watershed is located within the park's boundaries, including 90.6 acres of water and 521 acres of land. Lake of the Hills is surrounded by four smaller lakes, three of which are contained within the park and under public ownership. Until recently, the smaller lakes have protected Lake of the Hills; however high sedimentation rates and declining water quality in recent years have had a negative impact on overall water quality and recreational opportunities at the park.

Over the years, water quality at Lake of the Hills and the surrounding lakes has degraded due to increased nutrient and sediments from the watershed. Excess nutrients, especially phosphorus, have led to frequent algae blooms and low water clarity. Sedimentation in the smaller lakes surrounding Lake of the Hills has contributed to the decline in overall water quality at the park. Lake of the Hills is considered impaired by DNR and the EPA. To meet state water quality standards, a combination of restoration practices were needed. In 2016, both a TMDL (Total Maximum Daily Load) and Watershed Management Plan were developed for Lake of the Hills. In 2017, The SCCB hired FYRA Engineering to evaluate potential restoration strategies identified in the watershed improvement plan. Restoration strategies within the park (watershed) and in the lake were prioritized for water quality benefits to the lake and costs, and a conceptual design and planning budget for the overall project was completed. Work completed to date at West Lake Park:

Evaluation and Conceptual Design of Restoration Strategies for West Lake Park (improvements on public ground and in-lake restoration strategies)

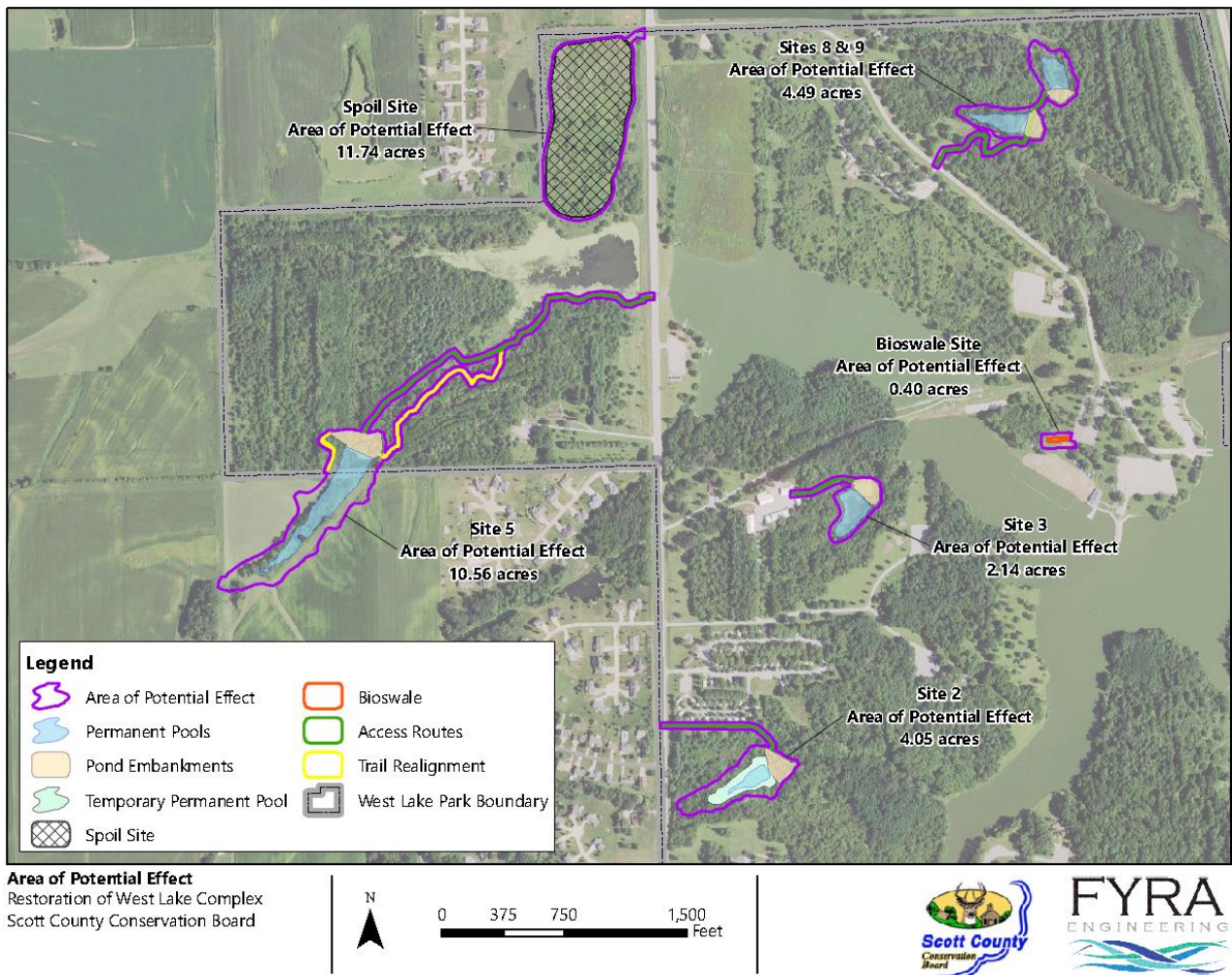
DNR Contribution (75%):	Not to exceed \$32,526.45
<u>SCCB Contribution (25%):</u>	<u>Not to exceed \$10,842.15</u>
Total Cost:	Not to exceed \$43,368.60

Engineering Services including design, permitting, bid letting and construction oversight

DNR Contribution (75%):	Not to exceed \$380,020.50
<u>SCCB Contribution (25%):</u>	<u>Not to exceed \$126,673.50</u>
Total Cost:	Not to exceed \$506,694.00

Contract Purpose: This project consists of constructing three sediment ponds, rehabilitating two existing sediment ponds, constructing a bioswale, and stream enhancement work. Three new sediment ponds will be constructed in the watershed using earthfill borrowed from within the proposed pool. The construction access routes and tops of the dams will be incorporated into a hiking trail system. Two existing ponds have silted in and have lost much of their functionality. To gain additional storage volume, the dams will be raised and some sediment will be removed. The existing beach parking lot currently drains via surface flow through turf grass into the lake. This project will construct a bioswale consisting of amended soil, native plug plantings, and three check dams. This will filter subsequent surface flow, and improve infiltration. The stream enhancement work consists of reconnecting the incised streams to their floodplain by flattening the stream banks and stabilizing them with native vegetation.

DNR Contribution (75%): Not to exceed \$462,192.75
 SCCB Contribution (25%): Not to exceed \$154,064.25
Total Cost: Not to exceed \$616,257.00



Anticipated Future Work: Future work will include in-lake restoration strategies that are currently being designed. The project will include targeted mechanical dredging of ~150,000 CY of sediment from the lakes in West Lake Park, shoreline deepening and stabilization, installation of fish habitat, and upgrades/repairs to the drawdown structures at Railroad and Bluegrass Lakes (estimated \$2.8 million).

Selection Process Summary: Intergovernmental contracting with the SCCB is authorized under 11 IAC 118.4.

Travis Baker, Bureau Chief, Engineering, Land and Waters Bureau
 Conservation and Recreation Division
 December 13, 2018

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

Decision Item

21. Chapter 30 - Waters Cost-Share and Grants Program, Low-Head Dam Public Hazard Grant Recommendations

The Commission is requested to approve the following grant recommendations pursuant to Chapter 30, Waters Cost-share and Grants Programs.

Grant Purpose: The purpose of the Low-Head Dam Public Hazard Program is to reduce drowning hazards and promote fish passage on Iowa’s navigable rivers. Eligible applicants include any owner of a low-head dam or a partner organization. As outlined in rule, grants are issued at least annually if funding is available. The last grants were issued in March 2017.

Funding Source(s): Rebuild Iowa Infrastructure Fund

Grant Funding Available: Funding available for this grant cycle is \$200,000.

Summary of Selection Process: As directed by criteria under Chapter 30, the grant review and selection committee met on October 23, 2018, to evaluate and score applications and to provide recommendations for the grant awards. A minimum 50 percent cost-share is required from the applicant. The total cost of all projects submitted for this application period was \$456,900.

Selection Committee Members: The review and selection committee consisted of five members:

- Citizen stakeholders (2)
- DNR Staff (3)

Recommendations: The committee recommends funding all projects. Any unused funds or if ranked projects decline their award, dollars will revert back to the project development fund for use in future projects.

DEVELOPMENT GRANT				
Ranked by Score	Grant Applicant	Project Description	Grant Amount Requested	Recommended Award
95	Linn County Conservation Board	Pinicon Ridge Park Dam Mitigation	\$50,000	\$50,000
92	Northeast Iowa RC&D	Clermont Dam Mitigation	\$16,000	\$16,000
79.4	City of Mason City	Dam No. 3 Construction (Winnebago River LHD Mitigation)	\$40,000	\$40,000
79.2	City of Mason City	Dam No. 1 Design & Permitting (Winnebago River LHD Mitigation)	\$38,000	\$38,000
78.6	City of Mason City	Dam No. 2 Construction (Winnebago River LHD Mitigation)	\$36,000	\$36,000
77.4	City of Panora	Lenon Mill Dam River Trail Project	\$18,200	\$18,200
DEVELOPMENT GRANT TOTALS			\$198,200	\$198,200

Travis Baker, Land and Waters Bureau
Conservation and Recreation Division
December 13, 2018

Iowa Department of Natural Resources
Natural Resource Commission

Decision Item (*indicates proposed consent)

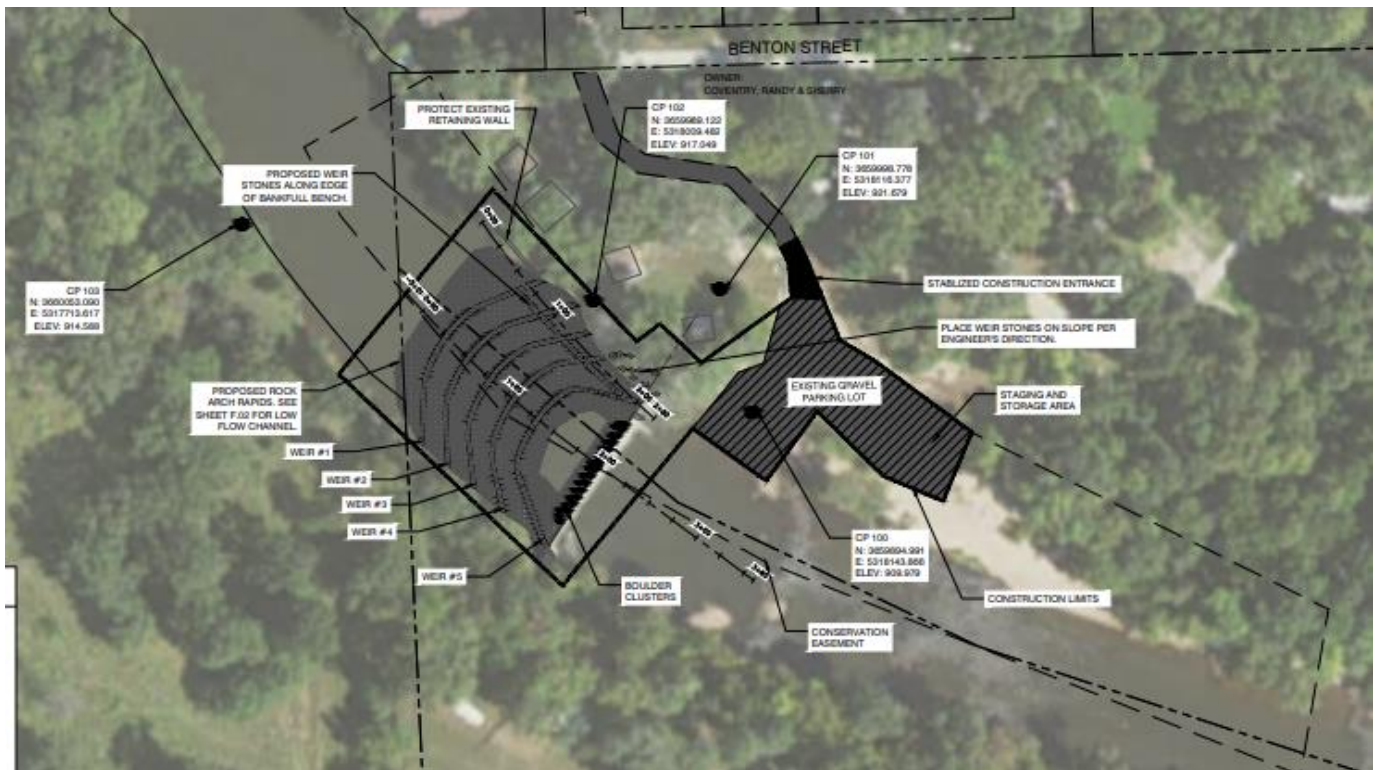
22. Construction Projects

22.1. Littleton Dam, Dam Mitigation – Buchanan County

The Department requests Commission approval of the following construction project:

Project Summary: This project will improve recreational safety and navigational passage on the Wapsipinicon River while restoring normal fish movements in the Wapsipinicon River by replacing a dam with rock rapids. The Littleton Dam was built with Civil Works Administration funds with support by State Fish and Game Commission in 1934. Since then, nine known fatalities have occurred at this dam along with dozens of rescue situations due to both the popularity of angling at the area and the recirculating currents of the dam itself. Care will be taken to replace angling opportunities at the site. The final drop of the rapids plunges into the same scour pool of the existing dam in order to replicate characteristics valued by anglers.

Construction Needed: The dam will be removed and its materials will be incorporated as sub-base. A rock arch rapids will be constructed in its place to approximately the same elevation of the dam to avoid affecting shallow wells upstream. The river banks will be re-graded, and boulder arches will be placed for stability.



Engineering Project #: 10-03-10-01
Cost Estimate: \$470,000
Operating Bureau: Land & Waters
Funding Source: Marine Fuel Tax
Plans Issue Date: 10/24/2018
Bid Letting Date: 11/15/2018
Completion Date: 6/30/2019
Number of Bids Received: 6

Bidders

Veit & Company, Inc.	Rogers, MN	\$439,708.00
Dave Schmitt Construction Company Inc.	Cedar Rapids, IA	\$491,162.50
Skyline Construction Inc.	Decorah, IA	\$551,919.50
Tschiggfrie Excavating	Dubuque, IA	\$803,039.00
Ray's Excavating, LLC	Edgewood, IA	\$833,320.00
CJ Moyna and Sons, Inc.	Elkader, IA	\$957,667.00

Upon Engineering's review of bids, IDNR recommends awarding the contract to Veit & Company, Inc.

22.2. Hickory Grove Lake, Mechanical Dredging & Shoreline Armoring – Story County

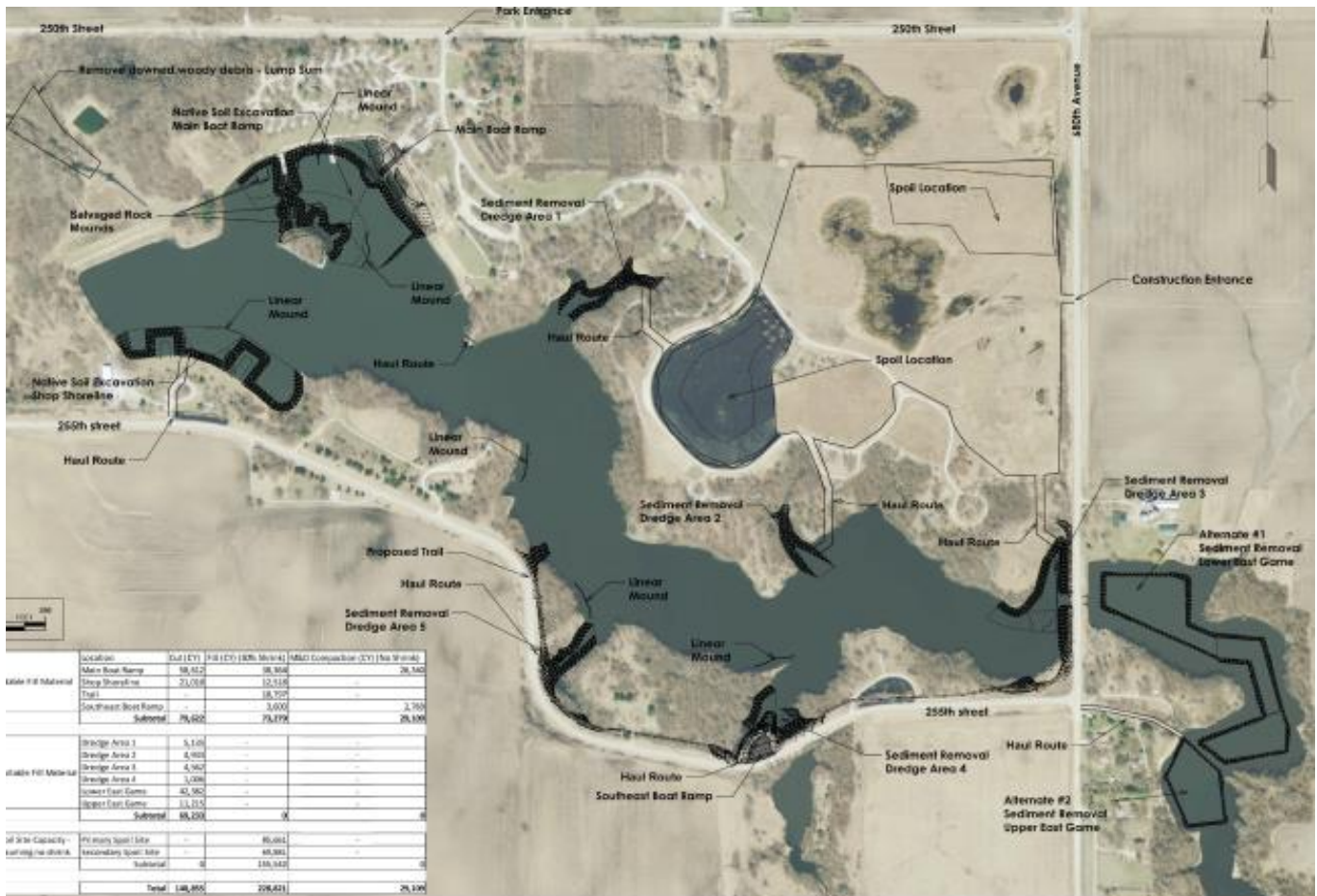
The Department requests Commission approval of the following construction project:

Project Summary: Hickory Grove Lake is a 100-acre constructed lake in Story County with a lake to watershed ratio of 40:1. According to the CARD 2014 survey, the lake has about 44,000 estimated annual household visits and serves as a regionally important lake. The Story County Conservation Board reports that the park is popular camping and fishing destination within the county, and sees many visitors from within a 60-mile radius. The lake is also home to a popular triathlon each spring. Popular activities include fishing, camping, relaxing, and wildlife watching. In recent years, the lake has experienced a number of rain event-driven water quality problems that are negatively affecting this resource. Sedimentation in arms of the lake has impacted recreation and surface run-off has led to gully erosion, debris, and nitrogen spikes in samples collected from the watershed. Additionally, the beach at the lake has been listed as impaired due to high concentrations of indicator bacteria. While the fishery remains relatively healthy, carp have limited vegetation in the lake. Aquatic vegetation is important fish habitat and helps keep water clear by removing nutrients from the water column and minimizing sediment re-suspension due to wind and wave action in nearshore areas.

Since 2014, SCCB and DNR's Lake Restoration Program have worked to minimize sediment and nutrients being delivered into the lake and implement best Management Practices such as constructing 25 rock silt dikes, armor shoreline areas, and repair drainage tile.

This project consists of targeted mechanical dredging, placing fish habitat, constructing two boat ramps, and armoring portions of the shoreline. Deposited sediment will be removed from five bays below gully outlets as well as the upper end of the lake. Excavated sediment will be spoiled in an upland location within the park and will be seeded into native prairie. Native soils will be excavated in two popular fishing areas, near the main boat ramp/campground and near the south shoreline. The excavated native soil will be used to increase the size of the existing island, create new fishing jetties, provide core material for fish habitat, and build up the shoreline for the two new boat ramps and a proposed walking trail. Both existing boat ramps will be rebuilt with expanding parking. A walking trail will be graded along the south shoreline, and will connect to the existing trail system. The new section will allow patrons to walk completely around the lake without having to walk on the county roads.

Construction Needed: The maximum depth of the lake is approximately 35 feet; however, the drawdown valve on the dam is only 9 feet below normal pool. As a result, the contractor will have to pump the lake down, and maintain sump pumps during construction. Standard heavy earth moving equipment is expected to be used to excavate soils and create the embankments. Rebuild existing boat ramps and expand parking.



Engineering Project #: 16-02-85-05
Cost Estimate: \$3,400,000.00
Operating Bureau: Land and Waters
Funding Source: 75% Lake Restoration; 25% Story County Conservation
Plans Issue Date: 10/29/2018
Bid Letting Date: 11/15/2018
Completion Date: 4/30/2020
Number of Bids Received: 5

Bidders

RW Excavating Solutions LC	Prairie City, IA	\$2,994,024.97
Peterson Contractors, Inc.	Reinbeck, IA	\$3,411,040.95
Hendrickson Transportation, LLC	Hamburg, IA	\$3,741,187.00
Veit & Company, Inc.	Rogers, MN	\$3,806,090.85
CJ Moyna and Sons, Inc.	Elkader, IA	\$6,168,162.80

Upon Engineering’s review of bids, IDNR recommends awarding the contract to RW Excavating Solutions LC.

22.3. West Lake Complex, Watershed Improvements –Scott County

The Department requests Commission approval of the following construction project:

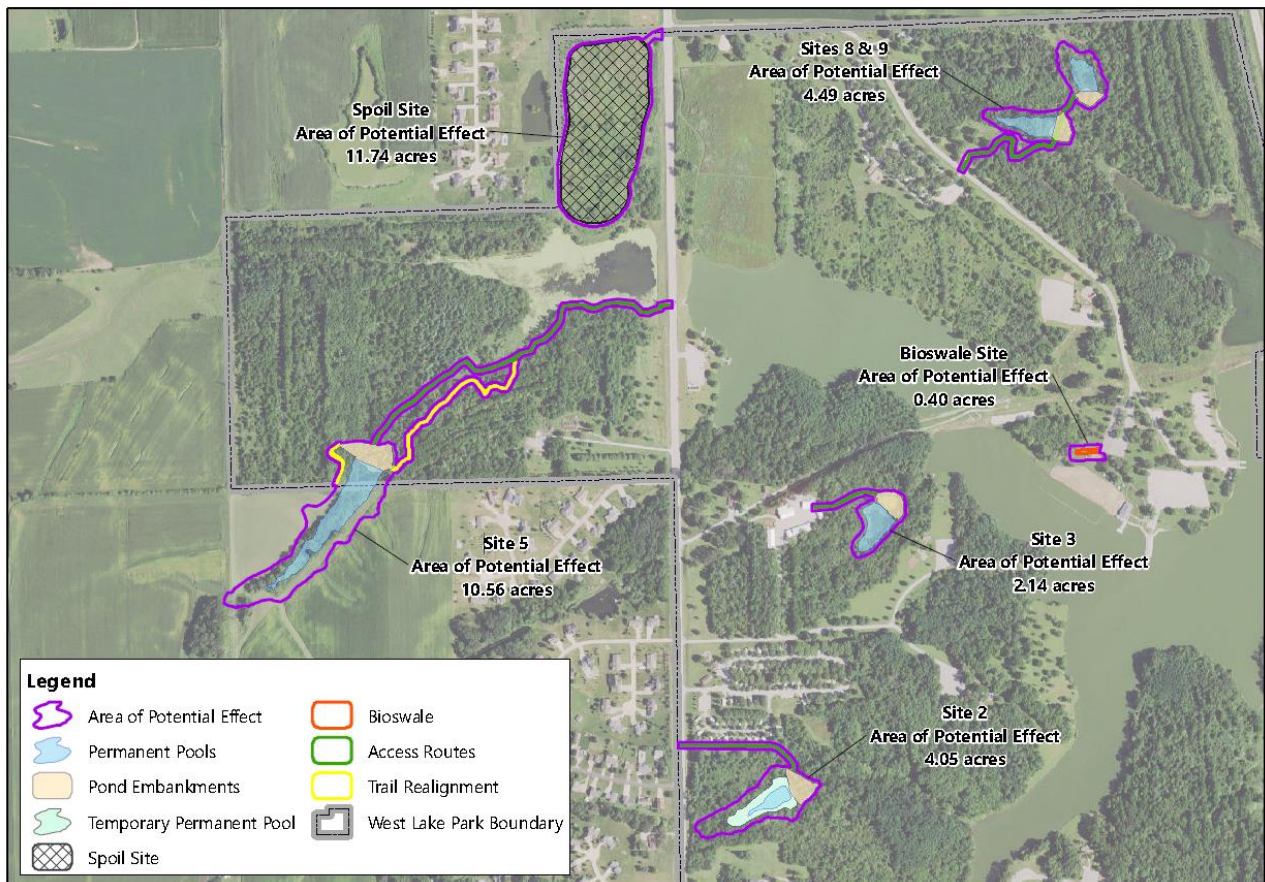
Project Summary: The Lake of the Hills (LOTH) complex of lakes encompasses four publicly owned lakes (Lake of the Hills, Railroad Lake, Bluegrass Lake, and Lambach Lake) within West Lake Park, which is owned and operated by SCCB. The park serves as an important recreation destination for eastern Iowa, with approximately 500,000 visitors to the park each year. During the summer months, the campground is filled most days and most park shelters are rented to capacity. The park is in the process of making additional infrastructure improvements, including building cabins to attract additional users. Additionally, West Lake Park is the home of the Quad Cities Triathlon, drawing

approximately 700 athletes to the park. Other day uses include fishing, paddling, environmental education, hiking, photography, bird watching, and relaxation.

Over the years, water quality at LOTH and the surrounding lakes has degraded due to increased nutrient and sediments from the watershed. Excess nutrients, especially phosphorus, have led to frequent algae blooms and low water clarity. Sedimentation in the smaller lakes surrounding LOTH has contributed to the decline in overall water quality at the park. LOTH is considered impaired by DNR and the EPA. To meet state water quality standards, a combination of restoration practices were needed. In 2016, both a TMDL and Watershed Management Plan were developed. In 2017, The SCCB hired FYRA Engineering to evaluate restoration strategies identified in the watershed improvement plan. Strategies within the park (watershed) and in the lake were prioritized for water quality benefits to the lake and costs, and a conceptual design and planning budget for the overall project was completed.

This project consists of constructing three sediment ponds, rehabilitating two existing sediment ponds, constructing a bioswale, and stream enhancement work. Three new sediment ponds will be constructed in the watershed using earthfill borrowed from within the proposed pool. The construction access routes and tops of the dams will be incorporated into a hiking trail system. Two existing ponds have silted in and have lost much of their functionality. To gain additional storage volume, the dams will be raised and some sediment will be removed. The existing beach parking lot currently drains via surface flow through turf grass into the lake. This project will construct a bioswale consisting of amended soil, native plug plantings, and three check dams. This will filter subsequent surface flow, and improve infiltration. The stream enhancement work consists of reconnecting the incised streams to their floodplain by flattening the stream banks and stabilizing them with native vegetation.

Construction Needed: Standard heavy earth moving equipment is expected to be used to build the new earthen embankment pond dams, rehabilitate the two existing ponds, and do stream work. Smaller equipment, such as mini excavators and skid loaders, will be used to construct the bioswale.



Engineering Project #: 17-06-82-01

Cost Estimate: \$620,000.00

Operating Bureau: Land & Waters Bureau

Funding Source: 75% Lake Restoration; 25% Scott County Conservation

Plans Issue Date: 10/29/2018

Bid Letting Date: 11/15/2018

Completion Date: 11/15/2019

Number of Bids Received: 8

Bidders

H & H Construction & Development LLC	Sabula, IA	\$535,893.91
Ardo Schmidt Const. Inc.	Preston, IA	\$542,789.26
Customized Environmental Solutions	West Des Moines, IA	\$573,634.57
Langman Construction Inc.	Rock Island , IL	\$595,810.56
Engelbrecht Farms Inc.	Davenport, IA	\$669,646.88
BWC Excavating, LC	Solon, IA	\$765,961.25
McCarthy Improvement Company	Davenport, IA	\$1,300,364.15
Triple B Construction	Wilton , IA	\$1,511,605.05

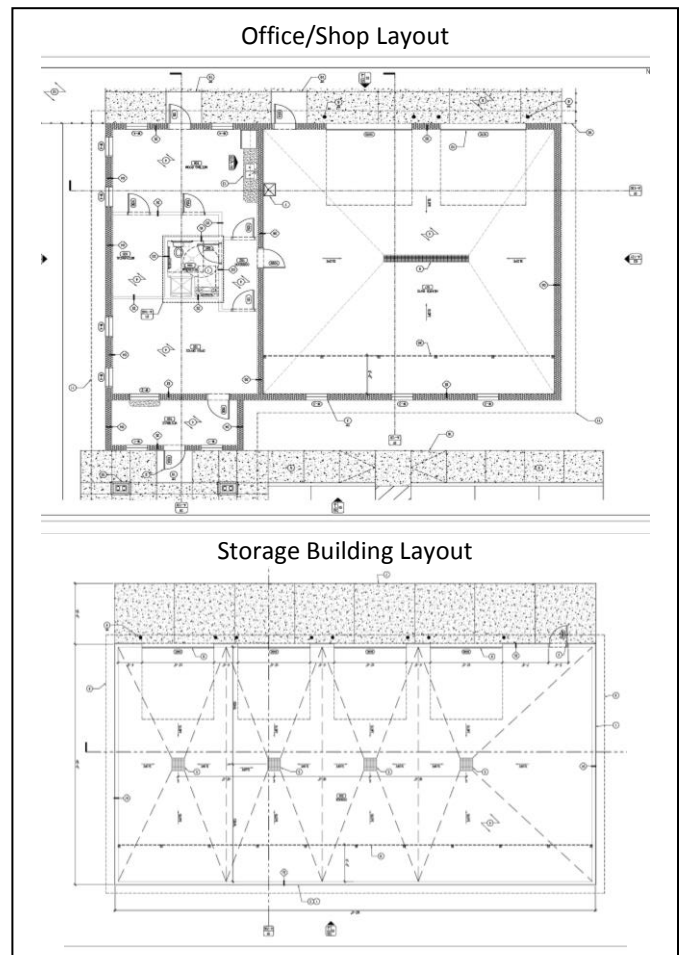
Upon Engineering’s review of bids, IDNR recommends awarding the contract to H & H Construction & Development LLC.

22.4. Viking Lake State Park, Office/Storage Buildings – Montgomery County

The Department requests Commission approval of the following construction project:

Project Summary: Viking Lake State Park includes a 137-acre lake that was constructed in 1957 and is 44 feet at its deepest point with many bays and projecting points on its four and one-half mile shoreline. The Viking Lake campground is one of the most popular in southwest Iowa. The spacious, shady campground is located on the lakeshore. The campground includes electrical and full service hookups, buddy sites, non-electrical sites, playground, six miles of hiking trails, modern rest rooms and showers, and a trailer dump station. A large portion of the 1,000-acre park has been left in its natural state and has an abundance of wild flowers, plants and wildlife.

This project will construct a new office/shop building and erect a new storage building. The Design Guide park office/shop building will replace the current 1950s/60s era office/shop. The current office space is small (approximately 12’x15’) for the two full-time staff and 5-8 seasonals, as well as serving as an entry point for the public, and the building is not energy efficient. In the shop, where tractor and equipment repairs and maintenance are done, the height and width of the bays and building depth no longer accommodate the standard size of today’s equipment and machinery. Also, a section of the foundation is failing in a corner of the shop. The contractor will demolish the existing shop and office.



The new office building will have a vestibule that will house park information 24/7 and serve as an entry point for the public, one large open office space, one storage area, one restroom, mechanical room, and a twelve person conference/break room which will be used for local or district staff meetings or public meetings. The shop area will have a two bay heated garage for repairs and maintenance and storage for mowers, tools, equipment, cleaning products, and supplies. There will be a paved drive into the garage bays and a storage yard to the rear of the building. The site will also receive a 40' x 80' post-frame four bay cold storage building adjacent to the new office and shop. Two of the four bays will be utilized by the Law Enforcement Bureau. Law Enforcement will store patrol boats and associated navigation equipment used for enforcement activity in the region.

Construction Needed: Construction needed on this project shall be installation of utility service (water and sanitary), grading/clearing land around the building site, building erection of shop/office building and storage building, and mechanical/electrical work within the two proposed buildings.

Engineering Project #: 17-04-69-02

Cost Estimate: \$864,835.00

Operating Bureau: Parks

Funding Source: Parks Infrastructure 83%, Marine Fuel Tax 17%

Plans Issue Date: 10/24/2018

Bid Letting Date: 11/15/2018

Completion Date: 09/27/2019

Number of Bids Received: 6

Bidders

Grand Contracting LLC	Red Oak, IA	\$871,399.75
Vieco Dev. & Construction Co. Inc.	Saint Joseph, MO	\$916,686.00
Cornerstone Commercial Contractors Inc.	Corning, IA	\$918,769.50
The Samuels Group Inc.	Des Moines, IA	\$927,804.35
Ball Team LLC	Urbandale, IA	\$1,015,049.10
Building Crafts Inc.	Red Oak, IA	\$1,024,919.45

Upon Engineering’s review of bids, IDNR recommends awarding the contract to Grand Contracting LLC.

22.5. AA Call State Park, Lodge Repair – Kossuth County

The Department requests Commission approval of the following construction project:

Project Summary: Ambrose A. Call State Park is a 138 acre "oasis" of rugged hills, heavily wooded with virgin timber in an area of gently rolling farmland. The park is located near the east fork of the Des Moines River. A log cabin-style lodge built in 1928 provides an excellent setting for such group activities as wedding receptions, family reunions, and community get-togethers. The park offers camp sites, including some with electric hookups. A modern vault restroom is located in the campground. The rugged and heavily wooded park offers two miles of trails that wind through the forest, down a ravine, and along a picturesque winding creek.

This project will restore the log cabin-style lodge. Restoration efforts include demolition the concrete slab on the rear of the lodge building, pour a new slab, repointing of the existing stone breeze-way walls, chink areas around the lodge, demolish and rebuild the pump house, and complete other minor restorations.

Construction Needed: Construction will consist of selective demolition of existing areas beyond repair, wood restoration of deteriorated areas, re-chinking on logs, concrete and masonry work of damaged areas, and cleaning of the entire lodge.



Engineering Project #: 19-02-55-01
Cost Estimate: \$128,000.00
Operating Bureau: Parks
Funding Source: REAP Parks Operations and Maintenance
Plans Issue Date: 10/24/2018
Bid Letting Date: 11/15/2018
Completion Date: 05/31/2019
Number of Bids Received: 2

Bidders

M.D. Johnson Consulting LLC dba Artisan Restor.	Kasota, MN	\$115,986.20
Vieco Dev. & Construction Co. Inc.	St. Joseph, MO	\$125,568.00

Upon Engineering’s review of bids, IDNR recommends awarding the contract to Vieco Dev. & Construction Co. Inc.

22.6. Stone State Park, Lodge & Shelter Repair – Woodbury County

The Department requests Commission approval of the following construction project:

Project Summary: Stone Park is located entirely in the unique Loess Hills. Amenities include a day use lodge, three open shelters, and picnic areas located throughout the park with many beautiful views of the Loess Hills and surrounding area. The Stone lodge is used for picnics, receptions, and family reunions and contains a refrigerator, microwave, and modern restrooms.

This project will make repairs to the lodge and Calumet shelter. One of the lodge’s chimneys is leaking and in need of a cap to mitigate the water. Also, siding on the rear of the building is rotting and needs replaced. The shelter’s columns are rotting and in need of repair; they will be cut and placed on a new stone plinth. Also, the restroom siding is deteriorating and in need of replacement. The south entry portal shall be repointed, cleaned, and restored.

Construction Needed: Construction will consist of selective demolition in delicate areas of the historic property, concrete and masonry repair of damaged areas, and wood restoration and wall construction where deteriorated.

Engineering Project #: 19-01-97-01
Cost Estimate: \$120,000.00
Operating Bureau: Parks
Funding Source: REAP Parks Operations and Maintenance
Plans Issue Date: 10/24/2018
Bid Letting Date: 11/15/2018
Completion Date: 05/31/2019
Number of Bids Received: 2

Bidders

L & L Builders Co.	Sioux City, IA	\$116,185.00
W. A. Klinger, L.L.C.	Sioux City, IA	\$157,675.00

Upon Engineering’s review of bids, IDNR recommends awarding the contract to L & L Builders Co.



22.7. State Forest Nursery, Irrigation System – Story County

The Department requests Commission approval of the following construction project:

Project Summary: The State Forest Nursery provides affordable, high-quality native plant material for use in timber production, wildlife habitat restoration, erosion control, and other conservation-related endeavors, to landowners in Iowa and other states. Located on 98 acres just south of Highway 30 in Ames, the nursery was established by the Civilian Conservation Corps in the 1930's and has operated continuously ever since. For irrigation needs, the nursery uses a pump capable of pumping approximately 400 gpm with a network of water mains and feeder pipes to irrigate the trees. The original piping was installed in the 1970s and consists of cast iron pipe which is now badly corroded. Also, the existing distribution system does not have enough valves to effectively control the irrigation needs. Since the piping network is large and would need a large amount of funding to replace the whole system at one time, the system will be parceled out and replaced as funding allows. This project will address 2600 LF of the water main and 765 LF of the feeder pipe.

Construction Needed: Replace 2600 LF of the water main along with 765 LF of the feeder pipe. Also to improve the efficiency of the system, low friction PVC pipe will be used along with multiple new gate valves for a better control of the system. The new design will also provide easy drain back valves to drain the pipes for the winter season.

Engineering Project #: 18-02-85-03

Cost Estimate: \$126,000.00

Operating Bureau: Parks

Funding Source: REAP Acquisition & Development

Plans Issue Date: 10/24/2018

Bid Letting Date: 11/15/2018

Completion Date: 05/30/2019

Number of Bids Received: 2

Bidders

Vicker Drilling, LLC	Creston, IA	\$105,266.00
On Track Construction, LLC	Nevada, IA	\$180,950.00

Upon Engineering's review of bids, IDNR recommends awarding the contract to Vicker Drilling, LLC.

22.8. Center Lake Wetlands, Water Control Structure Replacement - Dickinson County

The Department requests Commission approval of the following construction project:

Project Summary: Center Lake is a 257 acre natural lake located in Dickinson County and is part of a large watershed that ultimately empties into West Lake Okoboji at Haywards Bay. Center Lake exhibits excessive algal growth causing reductions in water clarity and impacting recreational use and lake ecology. The reasons for the reduction in water quality and algae growth have been linked to a combination of erosion, runoff from the urban watershed, a high population of common carp, and some issues with the downstream marshes. This project is specific to the downstream wetland marshes that filter the water prior their release into West Lake Okoboji. Two of the wetlands have water control structures that have failed and are not allowing the marshes to maintain their full pool and maximum filtering potential. This project will replace the failed structures and add some fish exclusion components to help keep the common carp population in check.

Construction Needed: Remove and replace two failing metal "Wisconsin tube" water control structures. One structure will be replaced with a structure that is very similar to the existing but with a heavier walled pipe to extend the life of the improvement. The other will be replaced with a reinforced concrete structure that will have fish exclusion fingers and a better designed inlet for staff management of the water levels.

Engineering Project #: 19-01-30-01

Cost Estimate: \$70,000

Operating Bureau: Wildlife
Funding Source: Lake Restoration
Plans Issue Date: 11/8/2018
Bid Letting Date: 11/29/2018
Completion Date: 06/28/2019
Number of Bids Received: 2

Bidders

Valley Contracting, Inc.	Estherville, IA	\$77,106.00
Landwehr Construction, Inc.	St. Cloud, MN	\$94,745.00

Upon Engineering’s review of bids, IDNR recommends awarding the contract to Valley Contracting, Inc.

22.9. Pavement Repair and Maintenance, Lake Macbride State Park - Johnson County

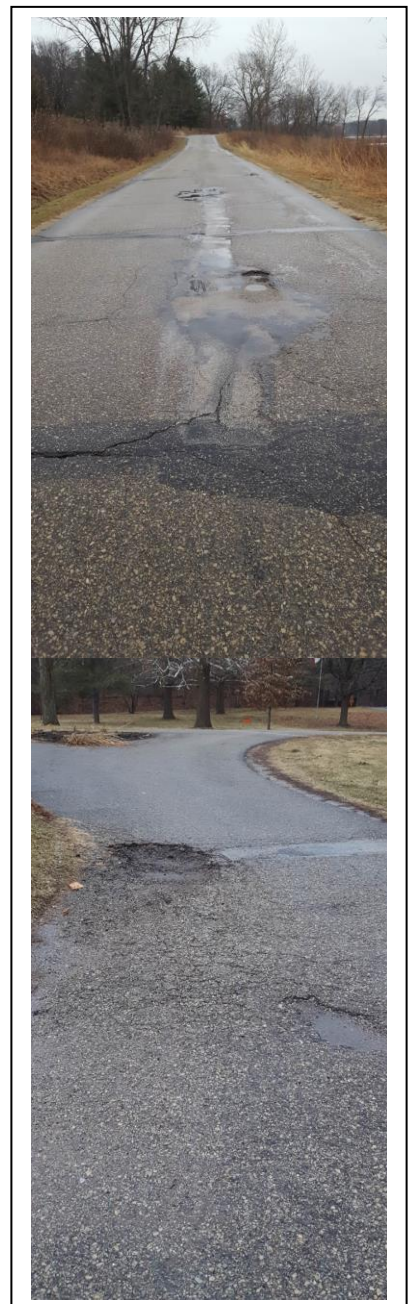
The Department requests Commission approval of the following construction project:

Project Summary: In June, 1937, Lake Macbride State Park opened to the public. The Civilian Conservation Corps constructed a number of facilities in the 1930's including the beautiful stone shelter and beach building. In 1955, the lake was enlarged. A portion of the park borders Coralville Lake, one of Iowa's largest artificial lakes, constructed by the U.S. Army Corps of Engineers. With its own 812-acre artificial lake, Lake Macbride is an angler's delight where walleyes, channel catfish, and muskies are stocked annually. Visitors can enjoy swimming, boating, hiking, bicycling, cross-country skiing, and snowmobiling. Amenities include a non-modern campground, a modern campground with electrical and full hookups, a shower and restroom, and a trailer dump station, and a multi-use trail around the lake.

Growing numbers of park visitors and campers have stretched the design capacity of park pavements. The combination of increasing numbers of campers, along with larger, heavier, recreational vehicles, has left the park pavements in need of repair and maintenance.

Construction Needed: This project will start with cleaning and filling cracks (pavement maintenance) in the existing HMA pavement, continue with areas of patching along with longitudinal and transverse joint repair. A bituminous fog seal (method of adding asphalt to an existing pavement surface to improve sealing or waterproofing, or prevent further stone loss by holding aggregate in place) on DNR roads followed by painted pavement symbols (stop bar) and painted markings (yellow center line and white outside edge lines). A deteriorated inlet grate will also be replaced. The Department of Transportation (DOT) Parks and Institutional Road Fund provides funds for roadway construction, improvements and maintenance within the boundaries of state-owned lands.

Engineering Project #: 17-06-52-01
Cost Estimate: \$345,000.00
Operating Bureau: Parks
Funding Source: DOT Parks and Institutional Roads Fund
Plans Issue Date: 10/24/2018
Bid Letting Date: 11/15/2018
Completion Date: 09/30/2019
Number of Bids Received: 3



Bidders

Hansen Asphalt	Iowa City, IA	\$293,572.00
LL Pelling Company Inc.	North Liberty, IA	\$313,303.80
Fahrner Asphalt Sealers LLC	Dubuque, IA	\$365,941.83

Upon Engineering’s review of bids, IDNR recommends awarding the contract to LL Pelling Company Inc.

***22.10. Pavement Repair and Maintenance, Green Valley State Park - Union County**

The Department requests Commission approval of the following construction project:

Project Summary: Located approximately 3 miles north of Creston, Green Valley State Park is a popular family picnic and camping spot. Campsites include electric and full hook-up sites, modern restrooms and showers, and a trailer dump station. There are two playgrounds within the park, three camper cabins are available for rent year round, and visitors can enjoy the new 3.5 mile paved multiuse trail.

Growing numbers of park visitors and campers have stretched the design capacity of park pavements. The combination of increasing numbers of campers, along with larger, heavier, recreational vehicles, has left the park pavements in need of repair and maintenance.

Construction Needed: This project will start with cleaning and filling cracks, transverse joint repair, and finally a bituminous fog seal over all DNR roads.

Engineering Project #: 17-04-88-06

Cost Estimate: \$110,000.00

Operating Bureau: Parks

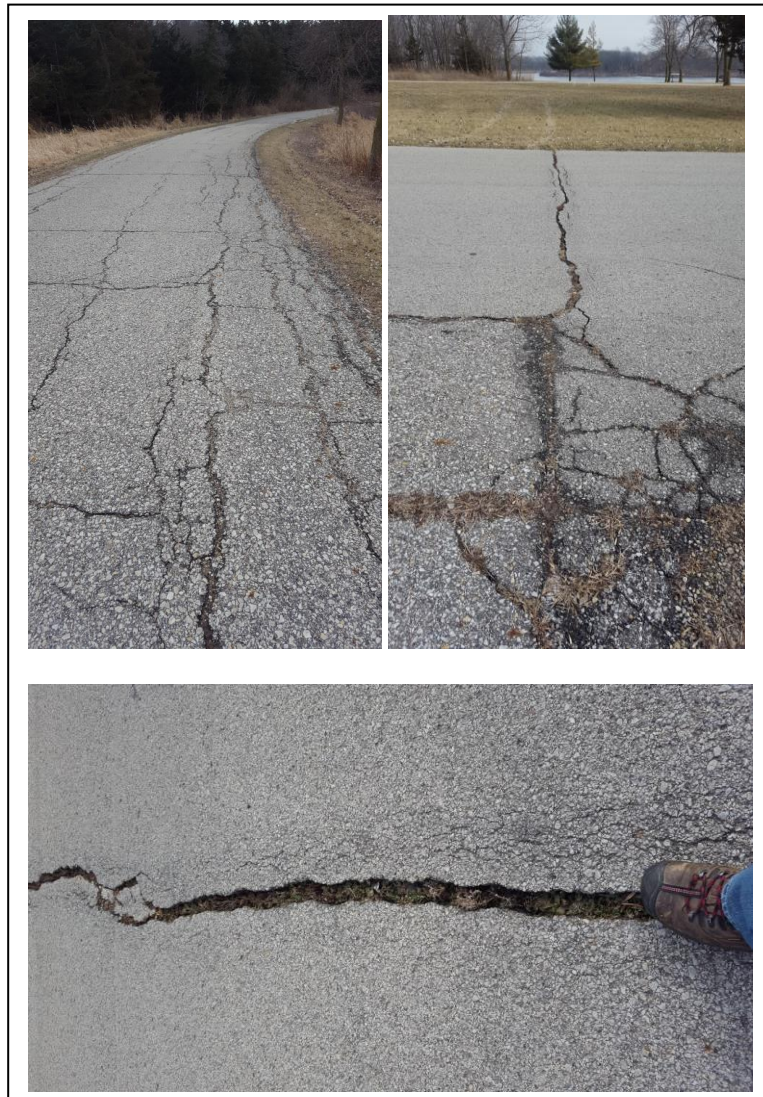
Funding Source: DOT Parks and Institutional Roads Fund

Plans Issue Date: 10/24/2018

Bid Letting Date: 11/15/2018

Completion Date: 09/30/2019

Number of Bids Received: 2



Bidders

Ten Point Construction	Denison IA	\$96,485.00
Henriksen Contracting, LLC	Grimes IA	\$11,508,145.00

Upon Engineering’s review of bids, IDNR recommends awarding the contract to Ten Point Construction.

***22.11. Pavement Repair and Maintenance, Lacey-Keosauqua State Park – Van Buren County**

The Department requests Commission approval of the following construction project:

Project Summary: Lacey-Keosauqua State Park is one of the largest and most picturesque of Iowa state parks and recreation areas. The park’s 1,653 acres of hills, bluffs and valleys wind along the Des Moines River in Van Buren County. Approximately 150,000 visitors each year find Lacey-Keosauqua State Park an inspirational destination. Park

facilities include a 76 site campground (21 non-electrical, 45 (30 amp), 10 (50 amp)) with modern restrooms and showers, six seasonally open modern cabins, two picnic shelters, two lodges, and a beach at the 30 acre lake.

During the summer of 2018, the campground was renovated. 42 campsites were realigned to accommodate larger RV's and the electrical pedestals were upgraded from 30 amp to 50 amp. Of the 42 upgraded campsites, ten were converted to full hook-ups.

This project is the final phase of the campground renovation and consists of resurfacing the existing asphalt campground roads with a seal coat. This will revitalize the pavement and provide a new, smoother surface.

Construction Needed: The entrance culvert will be replaced and a seal coat will be applied to the existing pavement. A seal coat consists of spraying tar over the road surface, spreading 1/2 inch aggregate, and running a smooth wheel roller over the pavement.

Engineering Project #: 17-04-88-06

Cost Estimate: \$160,000.00

Operating Bureau: Parks

Funding Source: DOT Parks and Institutional Roads Fund

Plans Issue Date: 10/24/2018

Bid Letting Date: 11/15/2018

Completion Date: 09/30/2019

Number of Bids Received: 3

Bidders

L L Pelling Company Inc.	North Liberty, IA	\$63,829.55
Fahrner Asphalt Sealers LLC	Dubuque, IA	\$144,347.00
Meyers Driveway	Keokuk, IA	\$177,640.00

Upon Engineering's review of bids, IDNR recommends awarding the contract to L L Pelling Company Inc.

***22.12. Pavement Repair and Maintenance, Springbrook State Park/Beaver Lake WMA – Guthrie/Dallas County**

The Department requests Commission approval of the following construction project:

Project Summary: Located a little more than 7 miles north of Guthrie Center, Springbrook State Park offers a large campground, including electrical hook-ups, modern showers and restrooms, a trailer dump station, grills and tables. Two open picnic shelters, more than 12 miles of trails and numerous lake activities. The Sherburne House is also available for rental year round. Beaver Lake WMA is just northeast of Dexter, and provides ample opportunities for hunting and fishing. The area offers a concrete boat ramp and ADA accessible fishing pier.

Growing numbers of park visitors and campers have stretched the design capacity of park pavements. The combination of increasing numbers of campers, along with larger, heavier, recreational vehicles, has left the park pavements in need of repair and maintenance.

Construction Needed: Pavement maintenance for Springbrook State Park consists of a bituminous fog seal, slurry leveling, patching, transverse joint repair and cleaning and filling cracks. Pavement maintenance at Beaver Lake WMA consists of a bituminous fog seal, transverse joint repair and cleaning and filling crack.

Engineering Project #: 17-04-39-02

Cost Estimate: \$195,000



Operating Bureau: Parks/Wildlife
Funding Source: DOT Parks and Institutional Roads Fund
Plans Issue Date: 10/24/2018
Bid Letting Date: 11/15/2018
Completion Date: 09/30/2019
Number of Bids Received: 2

Bidders

Henriksen Contracting, LLC	Grimes IA	\$201,855.00
Midwest Coatings Company, Inc.	Modale IA	\$203,373.00

Upon Engineering’s review of bids, IDNR recommends awarding the contract to Henriksen Contracting, LLC.

***22.13. Pavement Repair and Maintenance, Prairie Rose State Park - Shelby County**

The Department requests Commission approval of the following construction project:

Project Summary: Prairie Rose State Park provides a number of beautiful picnic areas with excellent views of the 218-acre lake. Amenities include two picnic shelters, two campgrounds with electric and full hook ups, modern shower and restroom, and two cabins. The park offers approximately 7 miles of multi-purpose trails which are open for hiking, snowmobiling, and cross country skiing.

Growing numbers of park visitors and campers have stretched the design capacity of park pavements. The combination of increasing numbers of campers, along with larger, heavier, recreational vehicles, has left the park pavements in need of repair and maintenance.

Construction Needed: This project will start with cleaning and filling cracks, transverse joint repair, and finally a bituminous fog seal over all DNR roads.

Engineering Project #: 17-04-83-02
Cost Estimate: \$295,000.00
Operating Bureau: Parks
Funding Source: DOT Parks and Institutional Roads Fund
Plans Issue Date: 10/24/2018
Bid Letting Date: 11/15/2018
Completion Date: 09/30/2019
Number of Bids Received: 4



Bidders

OMG Midwest Inc., dba OMNI Engineering	Omaha, NE	\$209,167.00
Midwest Coatings Company Inc.	Modale, IA	\$225,962.00
Henriksen Contracting, LLC	Grimes, IA	\$240,398.00
Fahrner Asphalt Sealers, LLC	Dubuque, IA	\$315,866.50

Upon Engineering’s review of bids, IDNR recommends awarding the contract to OMG Midwest Inc., dba OMNI Engineering.

***22.14. Pavement Repair and Maintenance, Pine Lake State Park - Hardin County**

The Department requests Commission approval of the following construction project:

Project Summary: Located along the Iowa River, 668-acre Pine Lake State Park offers a pleasing mix of woodland, river, and lakes in the midst of rolling Iowa farmland. The park was dedicated in 1929, placing it amongst the earliest state parks in Iowa. Much of the park was shaped by the work of the Civilian Conservation Corps in the 1930's. Visitors can still enjoy many of the historic structures built during this time. Pine Lake was named for being the southernmost stand of native pine trees in Iowa, but unfortunately most of the nearly 250-year old giants were lost to a severe hail storm in August of 2009. Visitors today will notice hundreds of caged tree seedlings throughout the park which are part of a massive reforestation effort. Park amenities include 120 camping sites, four cabins, trails, four picnic areas/shelters, a lodge, a boat ramp, and a beach.

Growing numbers of park visitors and campers have stretched the design capacity of park pavements. The combination of increasing numbers of campers, along with larger, heavier, recreational vehicles, has left the park pavements in need of repair and maintenance.

Construction Needed: This project will start with cleaning and filling cracks, transverse joint repair, and finally a bituminous fog seal over all DNR roads

Engineering Project #: 17-02-42-01

Cost Estimate: \$137,000.00

Operating Bureau: Parks

Funding Source: DOT Parks and Institutional Roads Fund

Plans Issue Date: 10/24/2018

Bid Letting Date: 11/15/2018

Completion Date: 09/30/2019

Number of Bids Received: 2



Bidders

Heartland Asphalt, Inc.	Mason City, IA	\$136,303.00
Fahrner Asphalt Sealers, LLC	Dubuque, IA	\$174,373.82

Upon Engineering's review of bids, IDNR recommends awarding the contract to Heartland Asphalt, Inc.

***22.15. Pavement Repair and Maintenance, Fairport State Recreation Area - Muscatine County**

The Department requests Commission approval of the following construction project:

Project Summary: The Fairport Recreation Area Campground is located 6 miles from Wildcat Den State Park off Highway 22 along the Mississippi River. Amenities include a modern campground, shower and restroom, and a trailer dump station. There are two boat ramps providing access to the river and docks for loading and unloading boats. The Fairport Recreation Area provides excellent access and viewing of the Mississippi River. The large towboats, recreational boaters, river wildlife (especially birds), and the majesty of the river all parade in front of the campground.

High use of the camping area and the two boats ramps at Fairport State Recreation Area have contributed to the need for roadway resurfacing.



One area of the campground has poor drainage, which has led to a localized pavement failure.

Construction Needed: This project will clean out and seal cracks in the existing HMA pavement. Improve drainage in the area of pavement failure, and patch the failed area. A slurry seal will then be applied to all DNR roads.

Engineering Project #: 16-06-70-04

Cost Estimate: \$30,000.00

Operating Bureau: Parks

Funding Source: DOT Parks and Institutional Roads Fund

Plans Issue Date: 10/11/2018

Bid Letting Date: 11/15/2018

Completion Date: 09/30/2019

Number of Bids Received: 2

Bidders

Fort Dodge Asphalt Co.	Fort Dodge, IA	\$49,712.04
Fahrner Asphalt Sealers LLC	Dubuque, IA	\$116,375.50

Upon Engineering’s review of bids, IDNR recommends awarding the contract to Fort Dodge Asphalt Co.

***22.16. Pavement Repair and Maintenance, Rock Creek State Park - Jasper County**

The Department requests Commission approval of the following construction project:

Project Summary: Located about 6 miles northwest of Kellogg, Rock Creek is one of central Iowa's camping hotspots. The large campground, with nearly 200 sites, borders the lake and includes electrical hookups and modern rest rooms and showers. The park offers trails to accommodate a wide variety of activities, including hiking, horseback riding, cross country skiing and snowmobiling. Lake activities include swimming, boating, fishing.

Growing numbers of park visitors and campers have stretched the design capacity of park pavements. The combination of increasing numbers of campers, along with larger, heavier, recreational vehicles, has left the park pavements in need of repair and maintenance.

Construction Needed: This project will start with cleaning and filling cracks, transverse joint repair, and finally a bituminous fog seal over all DNR roads.

Engineering Project #: 17-05-50-03

Cost Estimate: \$310,000.00

Operating Bureau: Parks

Funding Source: DOT Parks and Institutional Roads Fund

Plans Issue Date: 10/24/2018

Bid Letting Date: 11/15/2018

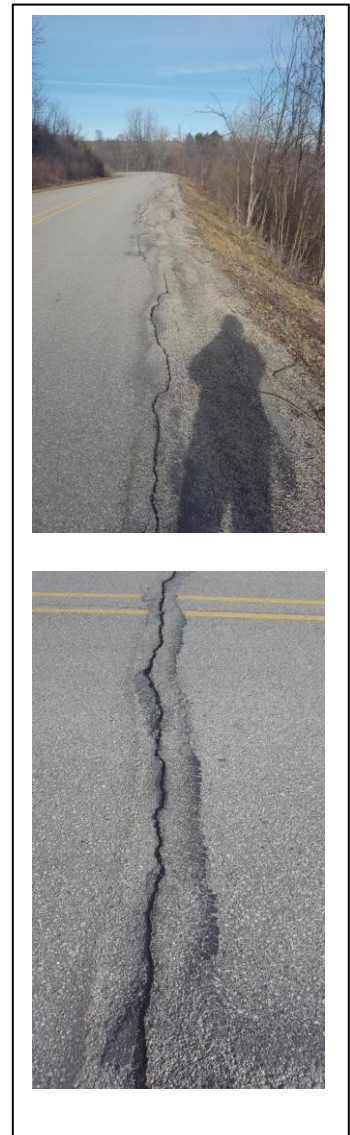
Completion Date: 09/30/2019

Number of Bids Received: 3

Bidders

Midwest Coatings Company, Inc.	Modale, IA	\$270,634.00
Fahrner Asphalt Sealers LLC	Dubuque, IA	\$306,914.25
Manatts Inc.	Newton, IA	\$318,195.50

Upon Engineering’s review of bids, IDNR recommends awarding the contract to Midwest Coatings Company, Inc.



***22.17. Pavement Repair and Maintenance, Wilson Island State Recreation Area - Pottawattamie County**

The Department requests Commission approval of the following construction project:

Project Summary: Wilson Island, named after former Governor George Wilson, came into existence as an island sandbar around 1900. Today, Wilson Island State Recreation Area encompasses 544 acres of dense cottonwood stands. Seclusion is one of the area's greatest assets with spacious campsites, hiking trails, and picnic spots which provide a welcome retreat. Wildlife is abundant in the park and a visitor may see deer grazing in the park's fields or be awakened by a huge flock of snow geese flying low overhead in the fall. Bald eagles are often perched in the tall cottonwoods during the winter and mushroom hunters will find no better place in the spring.

Growing numbers of park visitors and campers have stretched the design capacity of park pavements. The combination of increasing numbers of campers, along with larger, heavier, recreational vehicles, has left the park pavements in need of repair and maintenance.

Construction Needed: This project will start with cleaning and filling cracks, patching, transverse joint repair, a bituminous fog seal over all DNR roads, and painted markings and symbols



Engineering Project #: 17-04-78-06

Cost Estimate: \$280,000.00

Operating Bureau: Parks

Funding Source: DOT Parks and Institutional Roads Fund

Plans Issue Date: 10/24/2018

Bid Letting Date: 11/15/2018

Completion Date: 09/30/2019

Number of Bids Received: 2

Bidders

OMG Midwest Inc., dba OMNI Engineering	Omaha, NE	\$256,190.00
Midwest Coatings Company Inc.	Modale, IA	\$277,444.75

Upon Engineering's review of bids, IDNR recommends awarding the contract to OMG Midwest Inc., dba OMNI Engineering.

Travis Baker, Land & Waters Bureau Chief
Conservation and Recreation Division
December 13, 2018

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

Decision Item

23. Chapter 61, State Parks, Recreation Areas, and State Forest Camping – Notice of Intended Action

The Commission is requested to approve Chapter 61, “State Parks, Recreation Areas, and State Forest Camping” Notice of Intended Action. The Department has completed the initial steps in Executive Order 71 prior to submitting the Notice of Intended Action.

Basic Intent of Current Rule (s): The purpose of Chapter 61 is to establish procedures and fees for use of park and recreation area facilities (campgrounds, cabins, day-use lodges, shelters) as well as establish conditions of other public use of parks and recreation areas. It also establishes procedures and fees for the use of state forest campgrounds.

Proposed Rule Change: Prior to April 26, 2018, Iowa Code section 461A.47 authorized the Commission to fix fees for camping and other special privileges in state parks, recreation areas, and state forest campgrounds via administrative rule. The fees are listed in Chapter 61. During the 87th General Assembly, Senate File 2389 was passed and signed into law on April 26, 2018. Senate File 2389 repealed Iowa Code section 461A.47 and created new Iowa Code section 455A.14 that authorizes the Department instead of the Commission to establish such fees and publish them on the Department’s website rather than in rule. However, the Department is required to adopt administrative rules for the purpose of setting forth the methodology to be used in establishing those fees, which it is doing so in 561-Chapter 16, “State Parks and Recreation Areas Fees”. Chapter 16 is attached for the Commission’s information. No action on 561-Chapter 16 is requested as it is not under the Commission’s authority.

The Commission is requested to approve the Notice of Intended Action amending 571--Chapter 61 to strike unnecessary provisions and to add in references to the new fee structure in the Department’s rule in 561-Chapter 16.

Todd Coffelt, State Parks Bureau Chief
Conservation and Recreation Division
December 13, 2018

Attached: Chapter 61, State Parks, Recreation Areas, and State Forest Camping - NOIA
[Chapter 16, State Parks and Recreation Areas Fees - NOIA (information only)]

**NATURAL RESOURCE COMMISSION[571]
Notice of Intended Action**

The Natural Resource Commission (Commission) hereby proposes to amend 571--Chapter 61, “State Parks, Recreation Areas, and State Forest Camping”, Iowa Administrative Code.

Legal Authority for RuleMaking

This rule making is proposed under the authority provided in Iowa Code section 455A.15, as promulgated by Senate File 2389 (87th General Assembly), and Iowa Code section 455A.5(6)“a”.

State or Federal Law Implemented

This rule making implements, in whole or in part, Iowa Code section 455A.14 (Senate File 2389).

Purpose and Summary

The proposed rule rescinds or amends portions of Chapter 61 by adding references to the proposed new 561 IAC Chapter 16 (ARC___) and removes provisions that are no longer needed. This is because the Department of Natural Resources (Department) is authorized, pursuant to Senate File 2389 (signed by Governor

Reynolds on April 26, 2018) creating new Iowa Code section 455A.14, to set and publish camping, rental facility, vessel storage, and other special privilege fees on the Department's website.

Fiscal Impact

This rule making has no fiscal impact to the state of Iowa. A copy of the impact statement is available from the Department upon request.

Jobs Impact

The Commission does not anticipate any impact to private sector jobs or employment in the State from this rule making. In fact, the public's use of state parks and recreation areas provides important economic support to nearby cities and towns, with guests supporting local businesses and camping and rental fees resulting in sales tax revenue. This is expected to continue, and possibly at times even increase, due to the dynamic pricing strategies now possible from this proposed rule making and its companion package in 561 IAC Chapter 16. A copy of the impact statement is available from the Department upon request.

Waivers

Any person who believes that the application of the discretionary provisions of this rule making would result in hardship or injustice to that person may petition the Department for a waiver of the discretionary provisions, if any, pursuant to 571–Chapter 11.

Public Comment

Any interested person may submit comments concerning this proposed rule making. Written comments in response to this rule making must be received by the Department no later than 4:30 p.m. on February 7, 2019. Comments should be directed to:

Sherry Arntzen
Iowa Department of Natural Resources
Wallace State Office Building
502 East Ninth Street
Des Moines, Iowa 50319-0034
Sherry.Arntzen@dnr.iowa.gov

Public Hearing

Six public hearings at which persons may present their comments orally or in writing will be held as follows:

February 7, 2019 12 noon to 2 pm	Wallace State Office Building Conference Room 4W/4E Des Moines, Iowa
February 7, 2019 12 noon to 2 pm	Lake Darling State Park Lake Darling Lodge 111 Lake Darling Road Brighton, Iowa
February 7, 2019 12 noon to 2 pm	Cold Springs District Office Conference Room 57744 Lewis Road Lewis, Iowa
February 7, 2019 12 noon to 2 pm	Clear Lake State Park Office 2730 South Lakeview Drive Clear Lake, Iowa
February 7, 2019 12 noon to 2 pm	Lewis & Clark State Park Lewis & Clark Visitor Center Banquet Room 21914 Park Loop Onawa, Iowa
February 7, 2019 12 noon to 2 pm	Delaware County Conservation Board Conference Room 2379 Jefferson Road Manchester, Iowa

Persons who wish to make oral comments at the public hearing may be asked to state their names for the record and to confine their remarks to the subject of this proposed rule making.

Any persons who intend to attend the hearing and have special requirements, such as those related to hearing or mobility impairments, should contact the Department and advise of specific needs.

Review by Administrative Rules Review Committee

The Administrative Rules Review Committee, a bipartisan legislative committee which oversees rule making by executive branch agencies, may, on its own motion or on written request by any individual or group, review this rule making at its regular monthly meeting or at a special meeting. The Committee's meetings are open to the public, and interested persons may be heard as provided in Iowa Code section 17A.8(6).

The following rule making action is proposed:

ITEM 1. Amend rule 571--61.2 (461A) as follows:

~~"Reservation transaction fees" means fees as given in this chapter to process a reservation, change a reservation or cancel a reservation.~~

ITEM 2. Rescind subrule 61.3(3) and adopt the following **new** subrule in lieu thereof:

61.3(3) Reservation transaction fees. Fees to process a reservation, change a reservation or cancel a reservation shall be set contractually with the reservation system vendor and published on the department's website with the camping, rental facility and other special privilege fees set by the department pursuant to 561--Chapter 16.

ITEM 3. Rescind subrule 61.4(1) and adopt the following **new** subrule in lieu thereof:

61.4(1) Fees. Camping fees shall be set by the department pursuant to 561--Chapter 16.

ITEM 4. Rescind and reserve subrule **61.4(2)**.

ITEM 5. Amend paragraph **61.4(4)"b"** as follows:

b. Chaperoned, organized youth groups may choose to occupy campsites not designated as organized youth group campsites. However, the group is subject to ~~all fees and~~ rules in 61.4(1), 61.4(3) and 61.4(5) pertaining to the campsite the group wishes to occupy, as well as all fees as set by the department in 561--Chapter 16.

ITEM 6. Rescind rule 571--61.5 (461A), introductory paragraph.

ITEM 7. Rescind subrule 61.5(1) and adopt the following **new** subrule in lieu thereof:

61.5(1) Rental facility fees. Rental facility fees shall be set by the department pursuant to 561--Chapter 16.

ITEM 8. Rescind and reserve subrule **61.5(2)**.

ITEM 9. Rescind rule 571--61.6(461A) and adopt the following **new** rule in lieu thereof:

61.6(461A) Vessel Storage Fees. Vessel storage fees shall be set by the department pursuant to 561--Chapter 16.

This rule is intended to implement Iowa Code section 455A.14.

ITEM 10. Amend paragraph **61.22(1)"b"** as follows:

b. The fees for camping in established state forest campgrounds shall be set by the department pursuant to 561--Chapter 16 ~~the same as those cited in paragraphs 61.4(1)"a" and "b" for all other nonmodern camping areas managed by the department where fees are charged.~~

Chapter 16 – NRC Information Only

NATURAL RESOURCES DEPARTMENT[561]

Notice of Intended Action

The Department of Natural Resources (Department) hereby proposes to adopt new Chapter 16, "State Parks and Recreation Areas Fees", Iowa Administrative Code.

Legal Authority for RuleMaking

This rule making is proposed under the authority provided in Iowa Code section 455A.14 (Senate File 2389, signed by Governor Reynolds on April 26, 2018).

State or Federal Law Implemented

This rule making implements, in whole or in part, Iowa Code section 455A.14 (Senate File 2389)

Purpose and Summary

Iowa Code section 455A.14 explicitly directs the Department to promulgate in rule a methodology for establishing base fees for park and recreation area camping, rental facilities, vessel storage, and other special privileges. This rule making establishes this methodology. The methodology reflects the parameters of rate setting contained in the statute, namely to ensure fees are competitive with those charged at other parks and recreation areas within a 60-mile radius for the same or similar privileges, and to strategically adjust these fees up or down in response to, or so as to stimulate, user demand. This proposed rule does not directly establish any fees but rather outlines the criteria that will determine what those fees will be. Once set, those fees shall be published on the Department's website.

Fiscal Impact

The fiscal impact of this rule making would be possible revenue for the state's conservation fund, required by law to support Iowa's state parks system, among other public lands and waters. See IOWA CODE § 456A.17. This rule making does not directly establish what camping, rental facilities, vessel storage, and other special privilege base fees will be. Instead it defines the methodology used by the director to set those fees; nonetheless, the ultimate impact of this rule making is these fees. Accordingly, the Department associates all speculated revenues with this proposed rule.

Importantly, these revenues are necessarily speculative due to the data collection required by the bill that is still ongoing. Senate File 2389 requires the Department to survey a 60-mile radius around each state park and recreation area and catalog prices assessed at other public areas. This information is to guide the Department in establishing base fees to ensure rates remain competitive. A final assessment is not expected until sometime next year. As such, the Department does not anticipate many fee changes in 2019. That said, the surveying that is completed so far reveals a wide variety of prices, some much higher and some less, than those currently charged at certain parks and recreation areas so a few fee modifications are likely. Of the changes that might occur, the Department does not anticipate that they will result in significantly higher fee amounts.

One possible example of a modification to fees for 2019 would be extending peak season pricing for fall destination parks. The peak season for camping is typically May 1 through September 30. During this period, the camping rates are at the highest amount. The winter season rates typically begin October 1 and run through April 30. The Department anticipates that it will drop its camping rate by \$5/night for all campsite types (electric, nonelectric, full hook-up) in a modern campground during the winter season and \$3/night for all campsite types (electric, nonelectric, full hook-up) in a non-modern campground. However, several state parks and recreation areas around the state are popular camping destinations during the fall, including the month of October, while shower and restrooms facilities are still open and water is available. Water is turned off and facilities shut down sometime in mid-October due to the potential of freezing temperatures. The Department is reviewing the occupancy rates of campgrounds in the month of October to determine which ones could justifiably maintain the peak season rates.

For example, Pikes Peak State Park is situated on the bluffs overlooking the Mississippi and Wisconsin Rivers. It is a destination area for fall foliage visits. In 2017, the campground's overall occupancy for electric campsites was 56% (62% on weekends) and 27.57% for nonelectric sites (52% on weekends). If the peak season was extended for this park to include October 1-31, an additional \$5,100 in new revenue could be generated for the conservation fund.

The Department is considering a strategic reduction in camping fees during pre- and post-peak season times to increase use and occupancy. Under the current rules, peak season pricing begins on May 1, but campground use really picks up around Memorial Day. Likewise, peak season pricing stays in effect until September 30, but camping starts to taper off after Labor Day, except in the fall destination parks noted above. To drive use and occupancy during these less popular times, the Department may strategically reduce rates through the use of short-term discount promotions or create a lower pre- and post-season rate. Estimations on revenue generation are necessarily speculative but even a \$10/night price (for example) for an otherwise unoccupied camp site is positive revenue to the conservation fund.

Finally, the Department may strategically increase peak season rental fees at several high-demand and unique facilities around the state, with Gull Point State Lodge being one example. This large stone and timber day-use lodge was built by the Civilian Conservation Corps. It sits on the shore of West Okoboji, has seating for 200 guests and a patio that seats an additional 30, has a full kitchen, a modern restroom, and two fireplaces. It is a high demand venue for weddings, reunions, and other group activities. It currently

rents for \$200/day on Fridays, Saturdays, and major holidays, and \$100/day on weekdays. There are no similarly-situated or -sized public comparables in a 60-mile radius, and, notably, the comparable private facilities rent for several hundred to several thousand dollars a day. Therefore, the Department is likely to increase its rate, and even doubling it would still be an extraordinarily low and affordable fee for its size, location, and amenities and would generate several thousand dollars for the conservation fund.

However, consistent with the criteria in this proposed rule making, the director would be able to strategically decrease or increase all fees depending on the listed factors. The scenarios above are just examples of speculated future revenues based on the dynamic pricing possible from Senate File 2389 and this proposed rule, and no final fee decisions for 2019 have been made. A copy of the impact statement is available from the Department upon request.

Jobs Impact

After analysis and review of this rule making, no impact on jobs has been found. If anything, the public's use of state parks and recreation areas provides important economic support to nearby cities and towns, with guests supporting local businesses and camping and rental fees resulting in sales tax revenue. This is expected to continue, and possibly at times even increase, due to the dynamic pricing strategies now possible from this proposed rule making. A copy of the impact statement is available from the Department upon request.

Waivers

Any person who believes that the application of the discretionary provisions of this rulemaking would result in hardship or injustice to that person may petition the Department for a waiver of the discretionary provisions, if any, pursuant to 561–Chapter 10.

Public Comment

Any interested person may submit comments concerning this proposed rule making. Written comments in response to this rule making must be received by the Department no later than 4:30 p.m. on February 7, 2019. Comments should be directed to:

Sherry Arntzen
Department of Natural Resources
Wallace State Office Building
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Des Moines, IA 50319-0034
Sherry.Arntzen@dnr.iowa.gov

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February 7, 2019
12 noon to 2 pm

Delaware County Conservation Board
Conference Room
2379 Jefferson Road
Manchester, Iowa

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Review by Administrative Rules Review Committee

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The following rule making action is proposed:

ITEM 1. Adopt the following **new** 561—Chapter 16:

CHAPTER 16

STATE PARKS AND RECREATION AREAS FEES

561—16.1(455A) Definitions.

"Commission" means the natural resource commission.

"Department" means the department of natural resources.

"Director" means the director of the department of natural resources.

561—16.2(455A) Camping, rental facilities, vessel storage, and other special privileges – fees

16.2(1) Fee methodology. The director or the director's designee shall fix and publish base fees on the department's website for camping, the use of rental facilities, and other special privileges at state parks and recreation areas under the jurisdiction of the department and the commission. The director or the director's designee may increase, reduce, or waive the base fees on a case-by-case basis in order to take advantage of marketing opportunities so as to encourage maximum use of state facilities. The director or the director's designee may consider the following factors when establishing base fees and also when adjusting them:

- a. The specific park's or recreation area's amenities.
- b. The size and features of a particular campsite or rental facility.
- c. Use of campsites, rental facilities, or other special privileges.
- d. Day of the week, season of the year, holidays, or other noteworthy occasions or special events.
- e. Cost of operations.
- f. Other considerations that the director or the director's designee deems appropriate.

16.2(2) Fees honored. The fee to be charged shall be the fee currently in effect at the time the reservation is made and paid for. Any change to a reservation shall be subject to the fees applicable to the campsite or rental facility at the time the reservation is modified along with any applicable reservation change fee.

561—16.3(455A) Areas under management – varying fees. Fees charged for like services in state-owned areas under management by political subdivisions may vary from those established by this chapter.

These rules are intended to implement Iowa Code section 455A.14.