

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

**Meeting Date:** Tuesday, October 18, 2011  
**Meeting Location:** Wallace Bldg – 5th Floor Conference Room 5W  
502 E. 9<sup>th</sup> Street, Des Moines, IA

**MEETING AGENDA**  
Meeting convenes at 12:00 pm  
Public Participation begins at approximately 12:00 pm

1.	Approval of Agenda Consent Agenda ( <i>*within agenda indicates proposed consent agenda item</i> ) <i>*Items 2, 3, 5.1-5.6., 5.8, 6, 7, 8, 10</i>	Decision	
*2.	Approve Minutes of 09/08/11 NRC Public Meeting	Decision	
*3.	Approve Minutes of 10/06/11 NRC Public Meeting	Decision	
4.	Chickasaw County Land Disposal/Replacement Wildlife Habitat Promotion With Local Entities Program	Decision	Dale Garner
5.	Construction Projects Contract Approval		
*5.1	Spirit Lake Fish Hatchery – Façade and Roof Repair	Decision	Gabe Lee
*5.2	Volga River Recreation Area - Equestrian Campground Electric Project	Decision	Gabe Lee
*5.3	Springbrook State Park – Sherburne Cabin Road	Decision	Gabe Lee
*5.4	Virgin Lake - Outlet Structure	Decision	Gabe Lee
*5.5	Little River Lake –Lake Restoration Project	Decision	Gabe Lee
*5.6	Garlock Slough Wetland Complex - Graff Wetland Restoration Project	Decision	Gabe Lee
5.7	Riverton WMA – Flood Repair and PCC Paving (Change Order #2)	Decision	Gabe Lee
*5.8	Professional Services Contract – Delivery Order Approval, Lake Darling State Park	Decision	Gabe Lee
5.9	Professional Services Contracts – Lake Manawa Drawdown Engineering and Observation Services	Decision	Gabe Lee
5.10	Lake Manawa pumping: contracts with Rain for Rent and Andersen Construction, Inc.	Decision	Gabe Lee
*6.	Land Acquisition Projects		
*6.1	Upper Iowa River Wildlife Management Area – Winneshiek Co. – Lyon	Decision	Travis Baker
*6.2	Prairie Rose State Park – Shelby Co. – Hansen	Decision	Travis Baker
*6.3	Prairie Rose State Park – Shelby Co. – Johannsen	Decision	Travis Baker
*6.4	Prairie Rose State Park – Shelby Co. – Mills	Decision	Travis Baker
*7.	Land Management Agreement, Wanata County Park, Clay CCB	Decision	Travis Baker
*8.	REAP City Parks and Open Space Grants	Decision	Tammie Krausman
9.	REAP County Conservation Board Grants	Decision	Tammie Krausman
*10.	REAP Private Public Cost-share Grants – September 2011	Decision	Tammie Krausman
Upcoming NRC Meeting Dates: November 10, 2011 – Henry Wallace State Office Building, Des Moines, 9:30am December 8, 2011 – Henry Wallace State Office Building, Des Moines, 9:30am			

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

---

**ITEM**

4

**DECISION**

**TOPIC**

Chickasaw County Land Disposal/Replacement - Wildlife Habitat Promotion  
With Local Entities Program

---

In 1979, the Iowa General Assembly passed legislation requiring hunters and trappers to purchase a wildlife habitat stamp. All revenue derived from the sale of habitat stamps are used within the state of Iowa for acquisition of land, leasing of land, or obtaining easements from willing sellers for use as wildlife habitats and for the development and enhancement of wildlife lands and habitat areas. At least 50 percent of the stamp revenues are apportioned to local entities (county conservation boards) on a semiannual basis each year. Cost sharing will not be approved for more than 75 percent of the approved appraised value. The Wildlife Habitat Stamp Fund Program is administered by the DNR in compliance with 571 Iowa Administrative Code 23.

The Chickasaw County Board of Supervisors are seeking permission to dispose of a 127-acre area acquired in 1984 with Wildlife Habitat Funds with the goal of replacing the land. The area is known as the Price Wildlife Habitat, and is an abandoned railroad right-of-way.

The Iowa Administrative Code allows for land disposal in the grant program as stated below:

**23.14(2) Land disposal.** Whenever it has been determined and agreed upon by the grantee and the commission that land acquired or developed with habitat stamp fund assistance is no longer of value for the project purpose, or that the local entity has other good cause, the land, with the approval of the commission, may be disposed of and the proceeds thereof used to acquire or develop an area of equal value, or 75 percent of the proceeds shall be returned to the state for inclusion in the wildlife habitat stamp fund.

The Chickasaw County Board of Supervisors (Board) will obtain a Yellow Book or USPAP appraisal for current market value on the property being sold. The replacement property will be of equal or higher value and have commensurate benefits to wildlife. The Board will work with DNR staff on the land replacement with the Board returning to the Natural Resource Commission for approval on purchasing the replacement land within the next two years.

Dale Garner, Wildlife Bureau Chief  
Conservation and Recreation Division  
October 18, 2011

Attached: Letter from Brian Moore, Director – Chickasaw County Conservation Board

*Chickasaw County Conservation Board*  
*TWIN PONDS NATURE CENTER*

1811 240th Street, Ionia, IA 50645

**Brian Moore, Director**

Phone: 641-394-4714

**Cell: 641-330-5391**

**Fax: 641-394-5136**

June 23, 2011

To: Iowa Natural Resource Commission

From: Brian Moore, Director

Re: Disposal of Price Wildlife Habitat

The Chickasaw County Conservation Board is seeking permission to dispose of a 127 acre area acquired in 1984 with Wildlife Habitat Funds. The area is known as the Price Wildlife Habitat, and is an abandoned railroad right-of-way (ROW).

Pressure from adjoining landowners to fence, improve drainage, and eliminate brushy cover and trees on the area are the reason for wanting to dispose of the property. Landowners still have a legal hold on the Conservation Board because there is a code section requiring them to fence the abandoned ROW, even though there is not any livestock along most of this area. The Chickasaw County Board of Supervisors has voted to sell this area to avoid future maintenance costs they consider to be above what the county can afford.

Our solution will be to use the money from this sale to purchase land along the Wapsipinicon River through Chickasaw County. We have four landowners who are willing sellers, and will consider sale of their property to Chickasaw County in the near future. The property we propose to acquire totals approximately 260 acres and will connect five other areas Chickasaw County already owns. This will give Chickasaw County two areas along the Wapsipinicon River within a four mile stretch, one of 399 acres, and the other of 628 acres.

*Mission Statement: The Mission of Chickasaw County Conservation is to enhance, promote, protect, preserve and reclaim Chickasaw County natural resources for the benefit, enjoyment & education of all Chickasaw County residents and visitors.*

Iowa Department of Natural Resources  
Natural Resource Commission

ITEM:

5

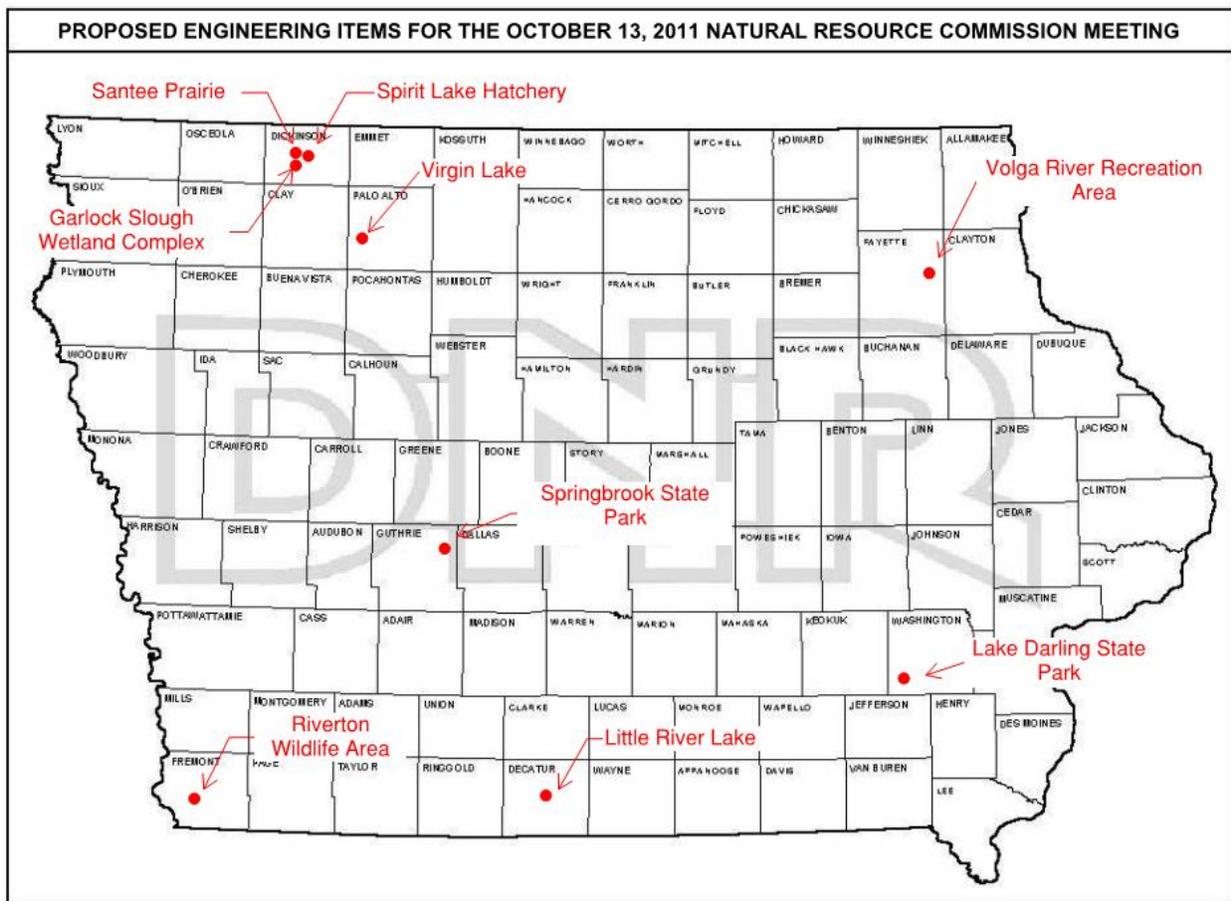
DECISION

(\*5.1-5.6, 5.8 proposed consent)

TOPIC:

Construction Projects

The Department requests Commission approval of the following construction projects:



**\*1. Spirit Lake Fish Hatchery – Façade and Roof Repair**  
**Dickinson County**  
**Project No 12-01-30-05**

**Project Summary:** Spirit Lake Fish Hatchery has been a very visible facility for the Fisheries Bureau with the public in its lifetime over the past 50+ years. As a public face for the Fisheries Bureau, which accepts public in to view various fish in the visitor welcome area as well as allowing public to enter the hatchery pool area, the building needs to have an acceptable appearance. Spirit Lake, Iowa has some of the harshest freeze/thaw cycles in the country, this coupled with the high-water table and considerable interior moisture problems of a fish hatchery, and it has remained remarkably functional for the past half-century. These issues, however, have lead the brick to begin a terminal expansion & contraction cycle which has been happening for the past few winters. This will ultimately lead to catastrophic failure of the brick façade, which is directly in the egress area of the public entry. This project proposes to remove all damaged brick areas, replace with steel siding panel and replace the rubber roof with a low-slope steel roof, eliminating water infiltration issues in the wall.

**Function of the Project:** Maintain the Spirit Lake Hatchery building to allow the citizens of Iowa a first-hand look at what the DNR – Fisheries Bureau does for the state. Without immediate corrective action, the façade of this building will fail in the near future.

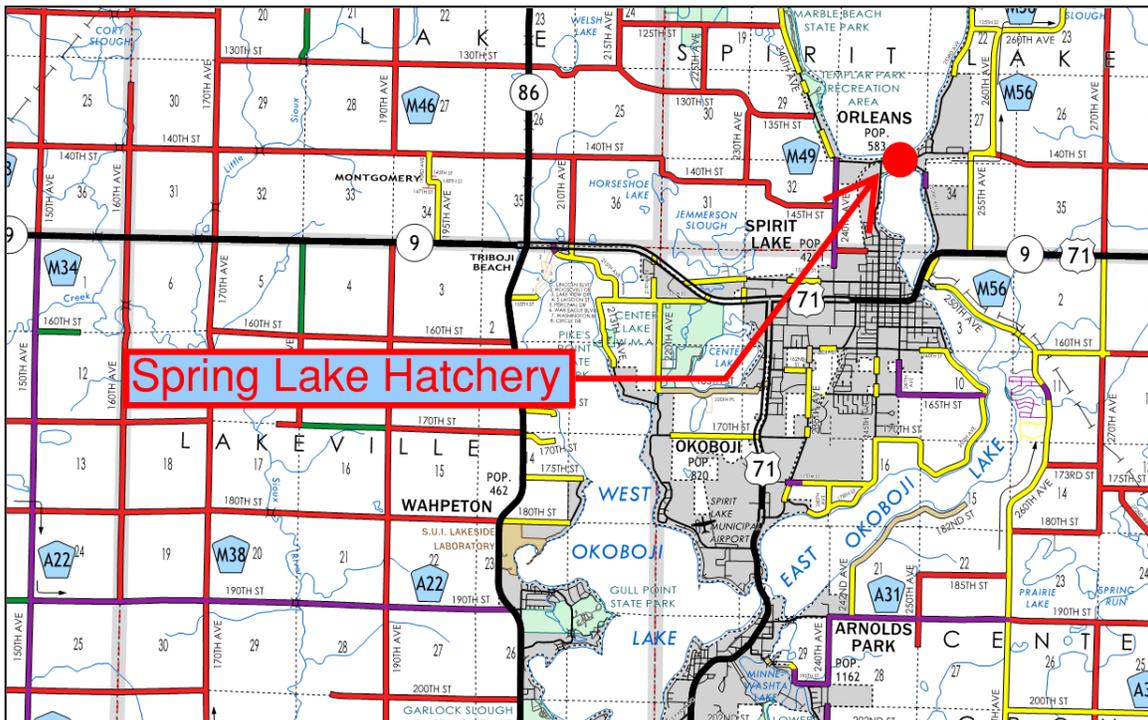
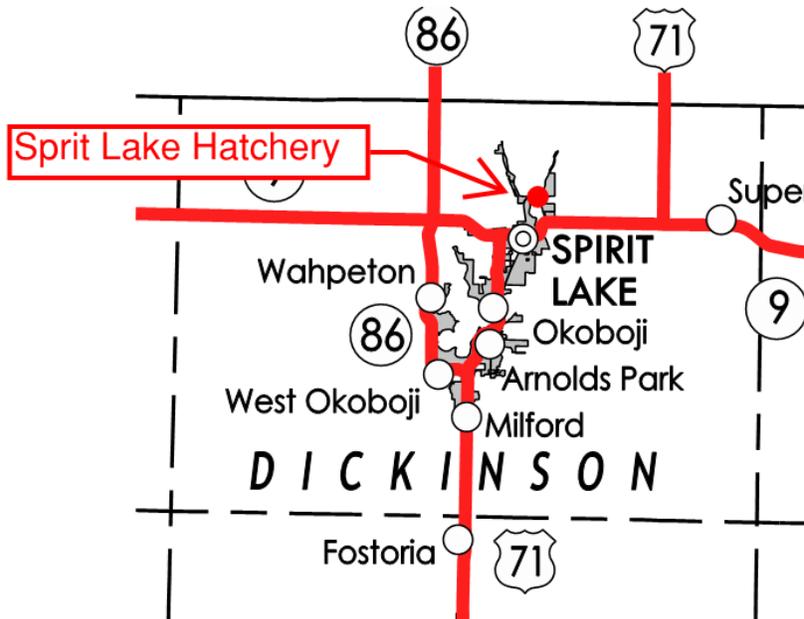
**Construction Needed:** Demolish all brick on public welcome center. Small lifts will be needed to set panels and roofing in place. Should take a few months from beginning to end, with minimal interruptions to the public access.

DNR Project Manager:	Ryan Richey; Engineering Bureau
Designer:	Ryan Richey; Engineering Bureau
DNR Inspector:	Jeff Felts, PE; Engineering Bureau
Operating Bureau:	Fisheries
Funding Source:	70% - Federal DJ / 30% - REAP Land Management (FY12 Cap Link 164)
Cost Estimate:	\$300,000.00
Plans Issue Date:	08/26/11
Bid Letting Date:	09/15/11
Plan Holders:	9
Number of Bids Received:	2

**Bidders**

Modern Builders, Inc.	Janesville, IA	\$256,900.00
Sande Construction and Supply	Humbolt, IA	\$331,680.00

**IDNR recommends awarding the Bid to Modern Builders, Inc.**





**\*2. Volga River Recreation Area - Equestrian Campground Electric Project**  
**Fayette County, Iowa**  
**Project No 11-03-33-02**

**Project Summary:** The scope of this project involves construction of campground electrical service in the equestrian campgrounds in the Volga River Recreation Area. The project was designed and bid by the engineering bureau. This project will be 100% funded with I-JOBS 2011 funding.

**Function of the Project:** The existing equestrian campground in the Volga River Recreation Area was recently upgraded with new campground roads and camp pad sites. This project completes the upgrades to the campground by providing 50-amp electrical service to the 34 camp pads in the campgrounds.

**Construction Needed:** Work under this project includes two pad mounted distribution panels, 34 single campsite outlet posts, trenched in wiring with tracer wire and warning tape, and two security lights in the campground area.

DNR Project Manager:	Butch Doorenbos, PE; Engineering Bureau
Designer:	Butch Doorenbos, PE; Engineering Bureau
DNR Inspector:	Mel Pacovsky, District Engineer
Operating Bureau:	Wildlife
Funding Source:	100% IJOBS (FY12 Cap Link 220)
Cost Estimate:	\$125,000.00

Plans Issue Date:	08/30/11
Bid Letting Date:	09/15/11
Plan Holders:	8
Number of Bids Received:	6

**Bidders**

Indi-Com Electric Inc.	Waukee, Iowa	\$91,424.94
Perry Novak Electric Inc	Decorah, Iowa	\$99,665.36
Voltmer Electric Inc.	Decorah, Iowa	\$99,900.00
Matt Construction Inc	Sumner, Iowa	\$105,707.02
Mueske Electric Inc	Spirit Lake, Iowa	\$108,548.30
Olney Electric Inc.	North Liberty, Iowa	\$155,796.95

**IDNR recommends awarding the Bid to Indi-Com Electric, Inc.**



**\*3. Springbrook State Park – Sherburne Cabin Road**  
**Guthrie County**  
**Project No. 10-04-39-04**

**Project Summary:** Sherburne Cabin, located within Springbrook State Park, sits atop a hill, accessible only by an aging roadway. This existing roadway is very narrow and in poor condition. Paving and widening of this roadway will provide better year-round access to the cabin.

**Function of the Project:** Remove existing 10’ roadway, replacing with a 16’ wide concrete roadway. Infrastructure to handle storm water runoff is included in the project. A small parking area near the cabin which includes handicap accessibility is also included as part of the project scope. Storm water on the road will sheet flow off to east side of the road because of a 2% slope. The flow will be intercepted by a curb and continue downwards to be later intercepted by an intake. Once inside the intake the flow is diverted to a rock-filled catchment area via a culvert under the road.

**Construction Needed:** Remove approximately 1290’ of existing asphalt roadway. Prepare base and pave roadway and parking areas with 6” thick concrete. Install necessary curb and gutter units and culverts to handle storm runoff.

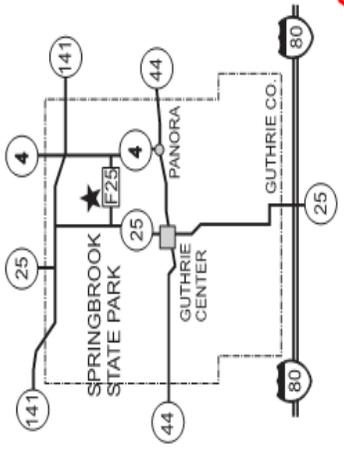
DNR Project Manager:	Ken Jackson; Engineering Bureau
Designer:	Tom Gaffney; Engineering Bureau
DNR Inspector:	Mark Johnson; Engineering Bureau
Operating Bureau:	Parks & Preserves
Funding Source:	100% Parks and Institutional Roads Fund (FY12 Cap Link 72)
Cost Estimate:	\$190,000.00

Plans Issue Date:	08/30/11
Bid Letting Date:	09/15/11
Plan Holders:	0
Number of Bids Received:	3

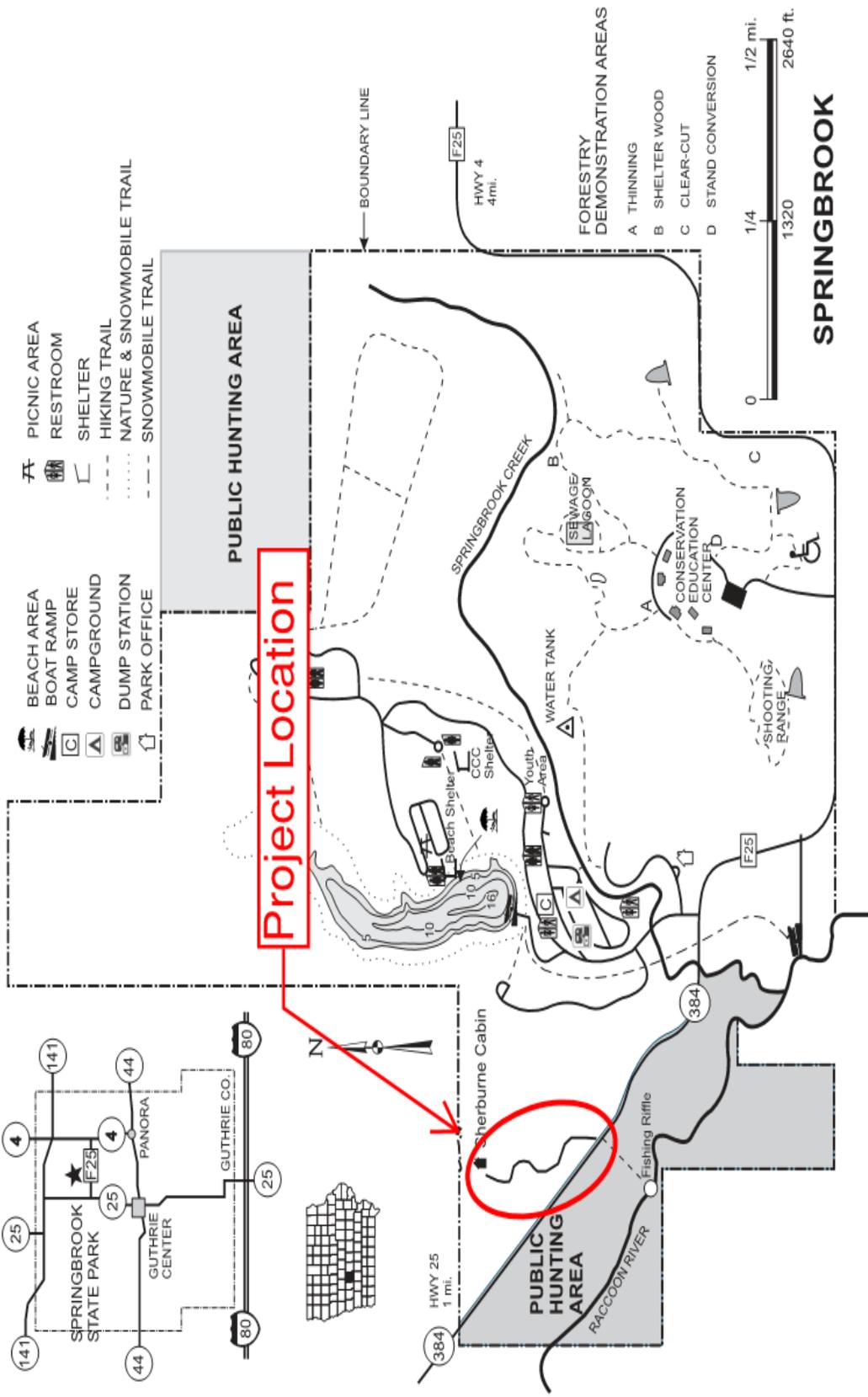
**Bidders**

Concrete Technologies Inc	Urbandale, IA	\$252,818.20
Precision Concrete Services Inc	Atlantic, IA	\$254,785.52
TK Concrete Inc	Pella, IA	\$269,888.00

**IDNR recommends awarding the Bid to Concrete Technologies Inc.**



**Project Location**



**\*4. Virgin Lake - Outlet Structure**  
**Palo Alto County**  
**Project No. 11-01-74-03**

**Project Summary:** This project is for refurbishment of the outlet at Virgin Lake. Virgin Lake is seriously degraded and needs new, additional facilities for proper management. The new outlet structure will provide for easier adjustment of lake levels and incorporate a carp barrier.

**Function of the Project:** To provide for improved drainage and lake level management by incorporating a new drainage structure that is also designed to curb carp migration via the outlet channel.

**Construction Needed:** The Virgin Lake project shall consist of replacing the existing 12-foot wide concrete spillway with twin 8-foot wide, 48-foot long precast reinforced concrete box culverts (RCBC) with stop log bays installed in each barrel. The lake will be drained by excavating a 1700-foot long channel into the lake from the existing spillway location. The outlet channel shall also be excavated to accommodate a new water control structure (WCS). The WCS includes a steel catwalk, an aluminum fish barrier, stop logs and chain link fencing. A 100-foot long emergency spillway will also be constructed, consisting of an earthen berm armored with geotextile and revetment stone. The project also consists of installing corrugated metal pipe culverts and a 6-foot by 4-foot precast RCBC culvert for field accesses over the discharge channel.

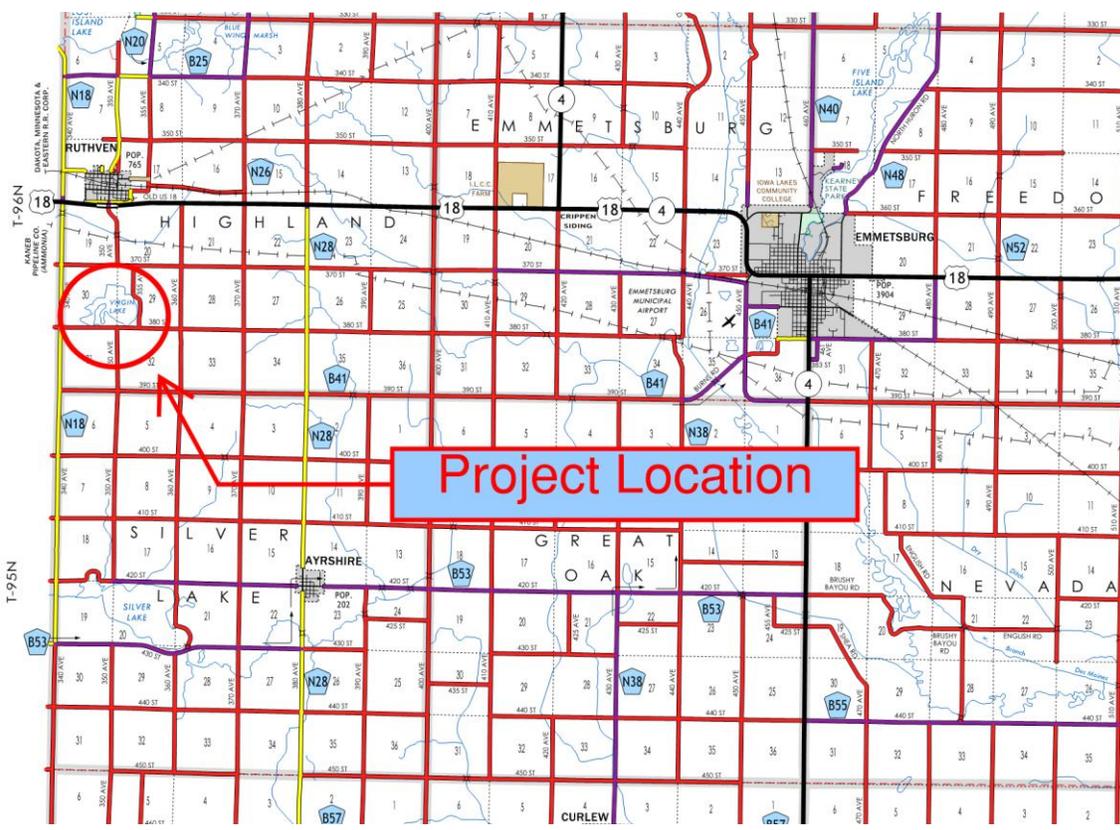
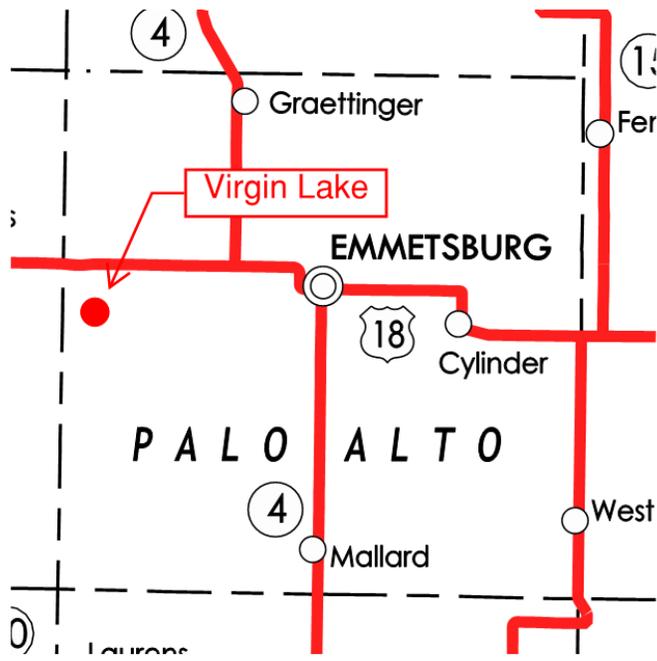
DNR Project Manager:	Mike Broderick, PE; Engineering Bureau
Designer:	Brent Johnson, PE; McClure Engineering Co.
DNR Inspector:	Jeff Felts, PE; Engineering Bureau
Operating Bureau:	Wildlife
Funding Source:	F & W Trust – Other 100% (FY12 Cap Link 12)
Cost Estimate:	\$211,265.00

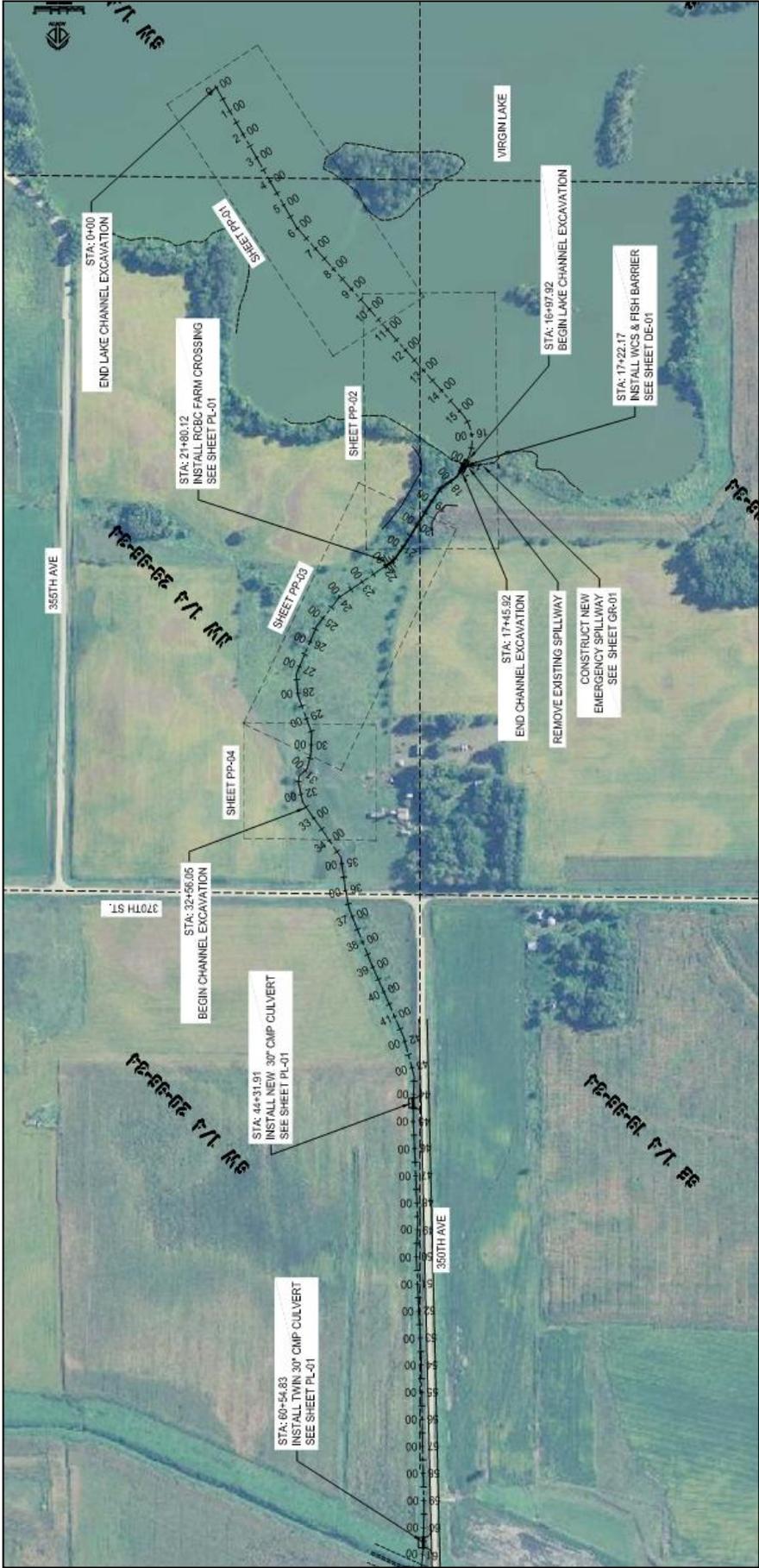
Plans Issue Date:	08/24/11
Bid Letting Date:	09/15/11
Plan Holders:	10
Number of Bids Received:	3

**Bidders**

Valley Contracting Inc.	Estherville, IA	\$290,654.00
L.A. Carlson Contracting Inc.	Merrill, IA	\$322,113.00
Lessard Contracting Inc.	Sergeant Bluff, IA	\$385,949.92

**IDNR recommends rejecting all bids.**





STA: 0+00  
END LAKE CHANNEL EXCAVATION

STA: 21+80.12  
INSTALL RBC FARM CROSSING  
SEE SHEET PL-01

STA: 32+58.05  
BEGIN CHANNEL EXCAVATION

STA: 44+31.91  
INSTALL NEW 30" CMP CULVERT  
SEE SHEET PL-01

STA: 60+54.83  
INSTALL TWIN 30" CMP CULVERT  
SEE SHEET PL-01

VIRGIN LAKE

STA: 16+97.92  
BEGIN LAKE CHANNEL EXCAVATION

STA: 17+22.17  
INSTALL WGS & FISH BARRIER  
SEE SHEET DE-01

STA: 17+45.92  
END CHANNEL EXCAVATION

REMOVE EXISTING SPILLWAY  
CONSTRUCT NEW  
EMERGENCY SPILLWAY  
SEE SHEET GR-01

365TH AVE

370TH ST.

380TH AVE

172-88-62 F/L RR

59 172-88-62 F/L RR

172-88-61 F/L RR



Rt. 112

Rt. 112

**\*5. Little River Lake –Lake Restoration Project  
Decatur County  
Project No. 12-05-27-01**

**Project Summary:** The scope of this project involves the construction of numerous fish habitat structures including rock mounds, rock fields, rock reefs, and fish spawning beds to enhance the habitat for fish in Little River Lake in Decatur County, Iowa. In addition to fish habitat enhancement, the project includes shoreline protection, shoreline deepening, repair of several existing jetties, and the repair of several boat ramps. The bid alternate shoreline riprap has an “A” follow by length in feet identify on the aerials below.

**Function of the Project:** Little River Lake popular spring fishing location for various species of fish in south central Iowa. Fisheries believe that the fishing opportunities can be greatly enhanced by construction various habitat structures for various species of fish in the lake. In addition, fishing access will be enhanced by repairing several existing jetties and boat ramps. Finally, the improvements will be protected by shoreline protection and shoreline deepening work. Shoreline deepening is a construction method to excavated fill from shore normally underwater to restore a previous steeper bank (please see diagram below). Shoreline deepening usually accompanied by shoreline armoring. The intent is to help restore or improve water quality of the water body.

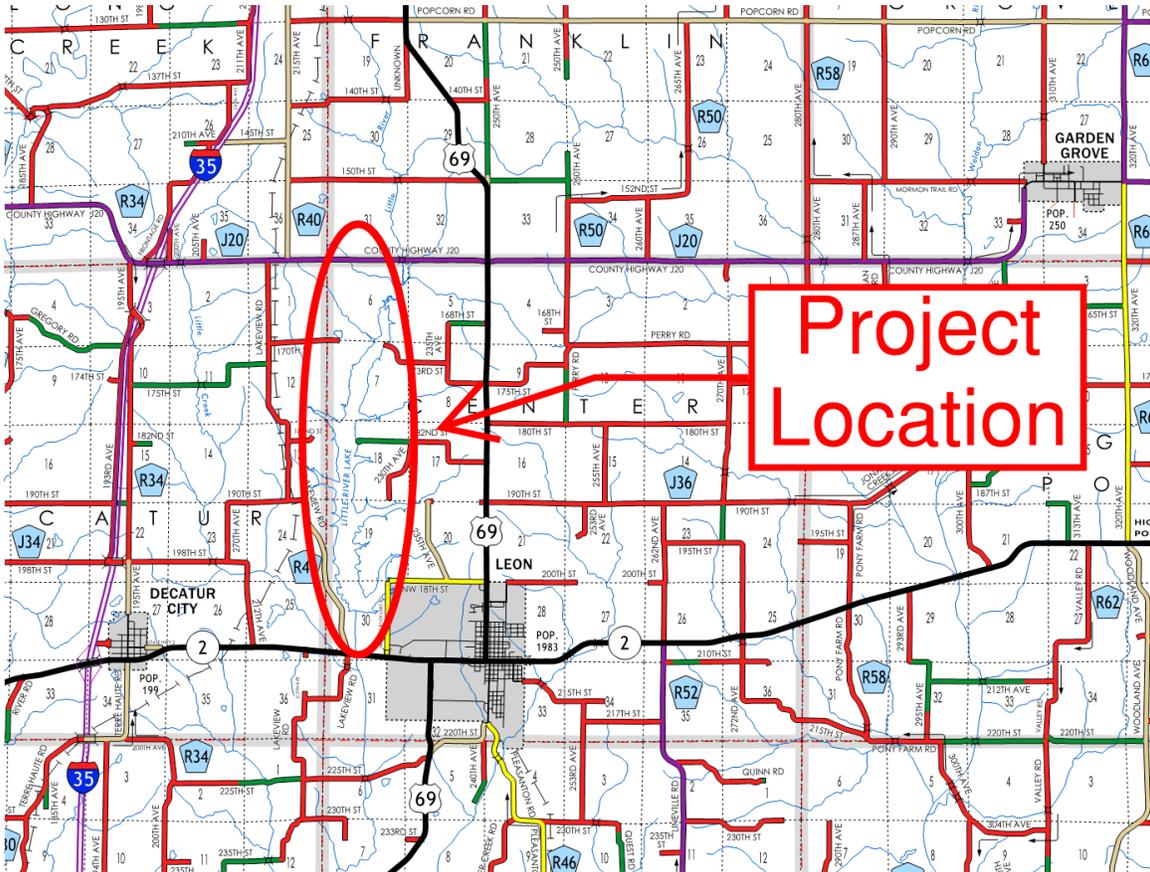
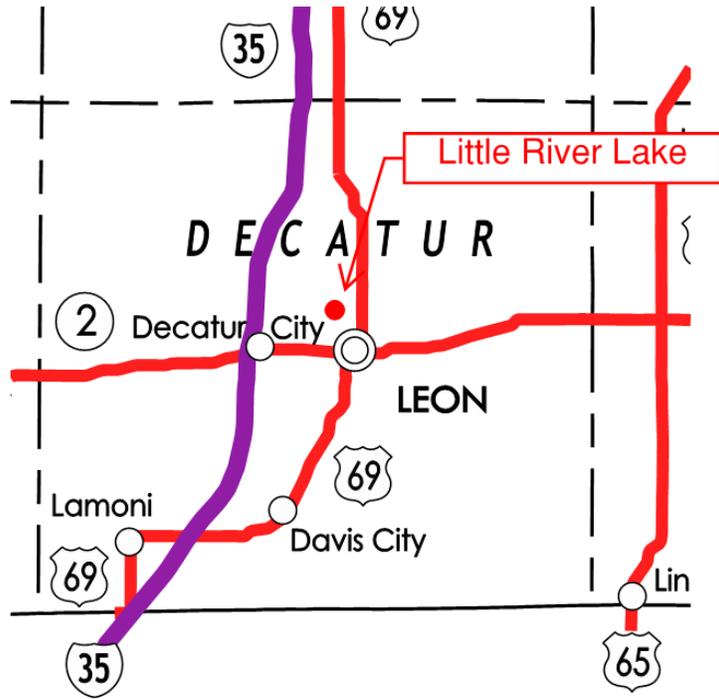
**Construction Needed:** Construction will include various subsurface rock mounds, rock fields, and spawning beds for fish habitat enhancement. Portions of the shoreline are to be deepened and rip rapped to enhance fishing opportunities. The project also includes repair work to existing fishing jetties, repair of existing boat ramps, and construction of a new fishing jetty.

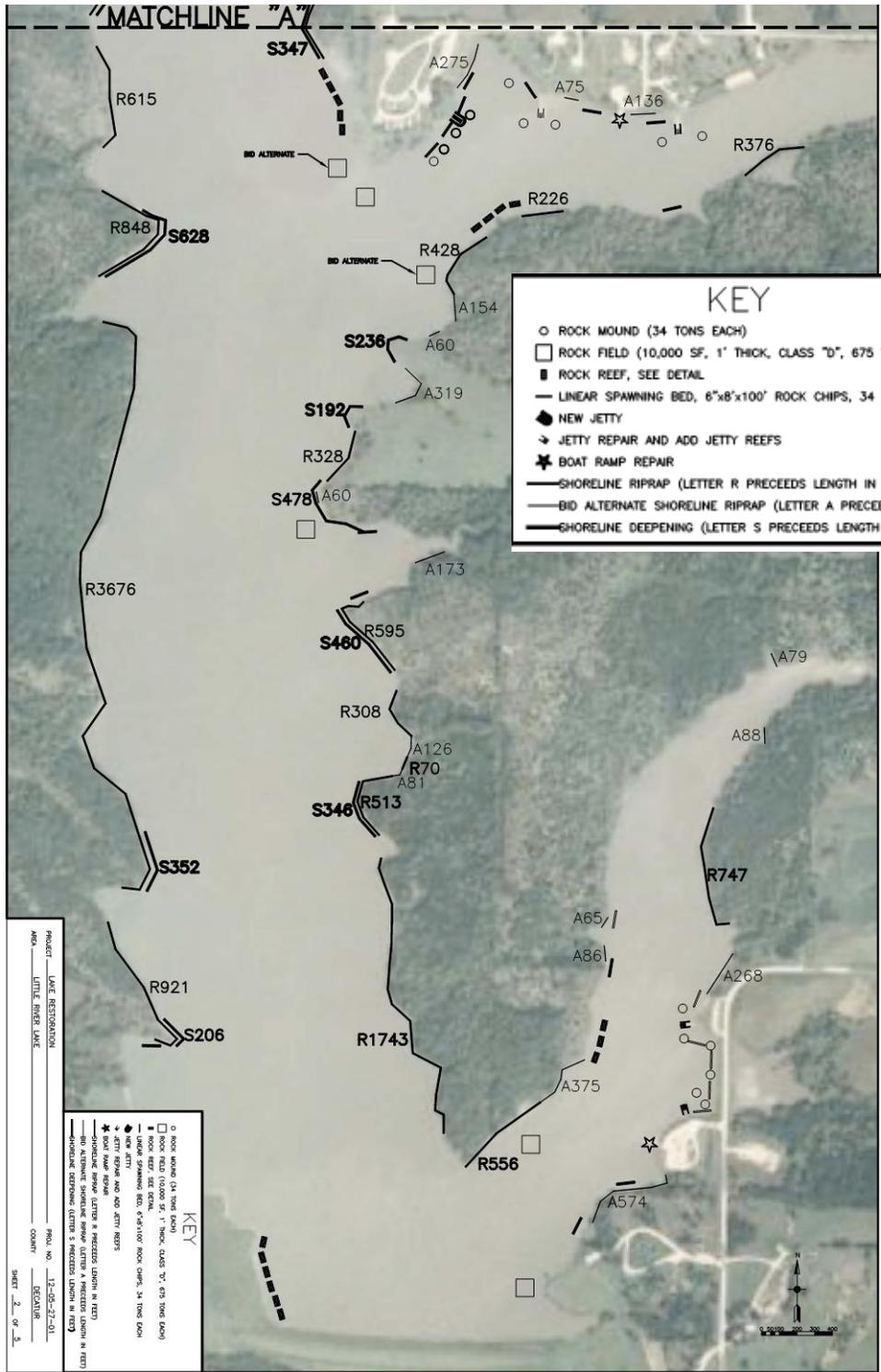
DNR Project Manager:	Jason Kruse, PE; Engineering Bureau
Designer:	Jason Kruse, PE; Engineering Bureau
DNR Inspector:	Jason Kruse, PE; Engineering Bureau
Operating Bureau:	Fisheries
Funding Source:	80% Lake Restoration–20% Fish & Wildlife Trust- Fish Habitat Stamp (FY12 Cap Link 15 & 95)
Cost Estimate:	\$1,530,000.00
Plans Issue Date:	09/07/11
Bid Letting Date:	10/06/11
Plan Holders:	10
Number of Bids Received:	10

**Bidders**

		<u>Base Bid</u>	<u>Base + Alternates</u>
TK Concrete Inc.	Pella, IA	\$1,118,560.75	\$1,403,539.45
Merryman Excavation Inc.	Woodstock, IL	\$1,299,642.00	\$1,619,507.38
Kevin Kent Construction	Lucas, Iowa	\$1,403,157.98	\$1,755,841.05
Ceres Environmental Services	Brooklyn Park, MN	\$1,493,672.60	\$1,868,734.33
Cole Construction Co.	Keosauqua, IA	\$1,938,066.95	\$2,439,167.08
K&L Landscape & Const. Inc.	Sergeant Bluff, IA	\$2,103,713.17	\$2,625,569.10
Reilly Construction	Ossian, IA	\$2,153,108.83	\$2,668,110.23
Vanderpool Construction, Inc	Indianola, IA	\$2,227,097.76	\$2,755,808.68
Blue Moon Hauling	Smithville, MO	\$2,228,037.35	\$2,762,628.57
Jensen Construction Co.	Des Moines, IA	\$2,486,796.72	\$2,984,148.02

**IDNR recommends awarding the Bid + Alternates to TK Concrete, Inc.**





### KEY

- ROCK MOUND (34 TONS EACH)
- ROCK FIELD (10,000 SF, 1' THICK, CLASS "D", 675 TONS EACH)
- ROCK REEF, SEE DETAIL
- LINEAR SPANNING BED, 6"x8"x100' ROCK CHIPS, 34 TONS EACH
- ◆ NEW JETTY
- JETTY REPAIR AND ADD JETTY REEFS
- ★ BOAT RAMP REPAIR
- SHORELINE RIPRAP (LETTER R PRECEEDS LENGTH IN FEET)
- - - BID ALTERNATE SHORELINE RIPRAP (LETTER A PRECEEDS LENGTH IN FEET)
- SHORELINE DEEPENING (LETTER S PRECEEDS LENGTH IN FEET)

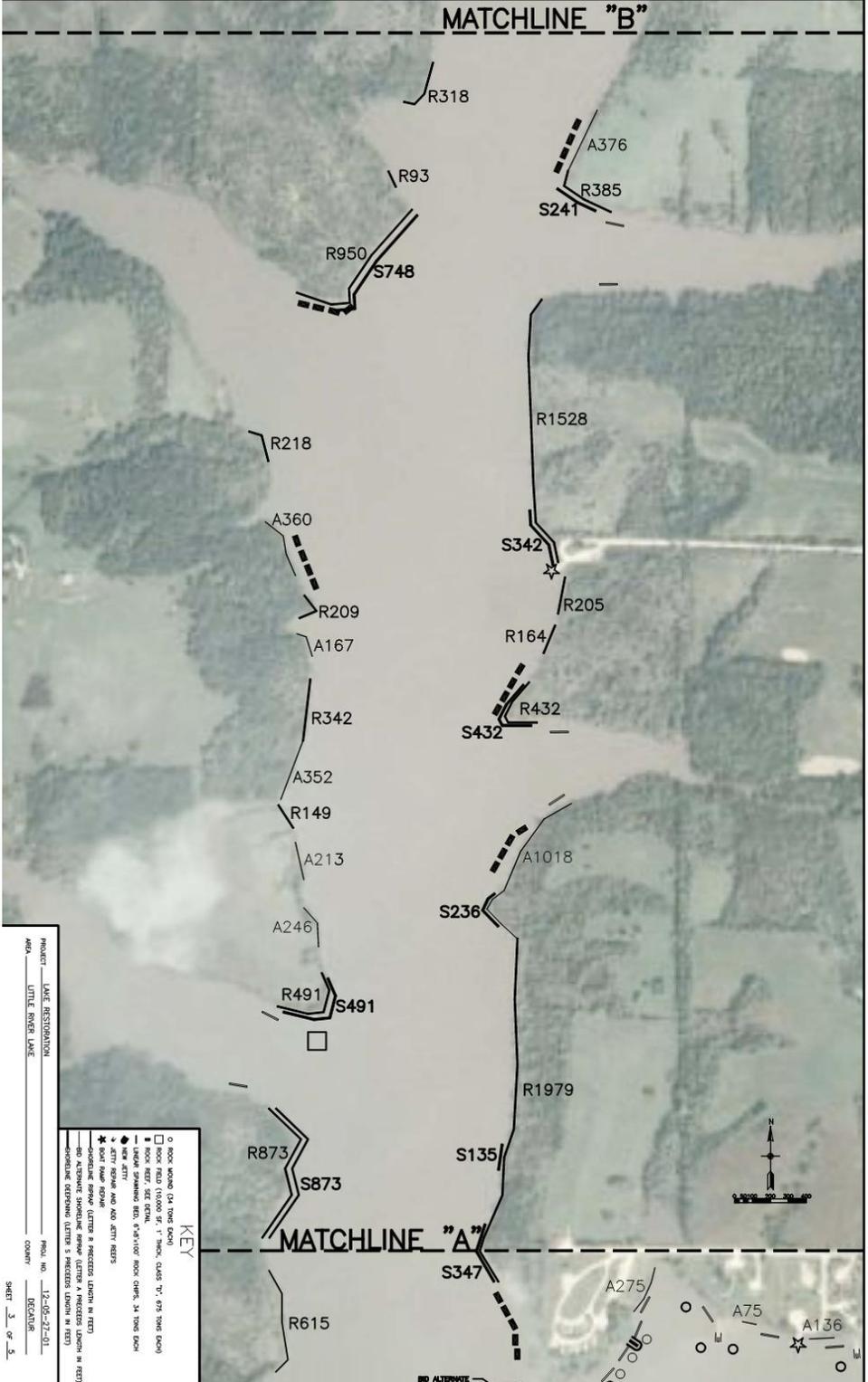
### KEY

- ROCK MOUND (34 TONS EACH)
- ROCK FIELD (10,000 SF, 1' THICK, CLASS "D", 675 TONS EACH)
- ROCK REEF, SEE DETAIL
- LINEAR SPANNING BED, 6"x8"x100' ROCK CHIPS, 34 TONS EACH
- ◆ NEW JETTY
- JETTY REPAIR AND ADD JETTY REEFS
- ★ BOAT RAMP REPAIR
- SHORELINE RIPRAP (LETTER R PRECEEDS LENGTH IN FEET)
- - - BID ALTERNATE SHORELINE RIPRAP (LETTER A PRECEEDS LENGTH IN FEET)
- SHORELINE DEEPENING (LETTER S PRECEEDS LENGTH IN FEET)

PROJECT: LAKE RESTORATION  
 AREA: LITTLE PINNAC LAKE  
 COUNTY: \_\_\_\_\_  
 SHEET: 2 OF 5



MATCHLINE "B"



PROJECT: LAKE RESTORATION  
 AREA: LITTLE EMBER LAKE  
 COUNTY: \_\_\_\_\_  
 SHEET: 3 OF 5

**KEY**

- ROCK HEAD (34 TONS EACH)
- ROCK HEAD (10,000 SF, 1' THICK, CLASS "C", 015 TONS EACH)
- LAKE STREAM (80% - 100% ROCK CURB, 34 TONS EACH)
- LAKE STREAM (80% - 100% ROCK CURB, 34 TONS EACH)
- ◆ NEW DETT
- ◆ DETT REMOVAL AND ALSO DETT HEADS
- ◆ ROCKLINE REMOVAL (LETTERS & PREVIOUS LENGTH IN FEET)
- ◆ ROCKLINE REMOVAL (LETTERS & PREVIOUS LENGTH IN FEET)
- ◆ ALTERNATE ROCKLINE REMOVAL (LETTERS & PREVIOUS LENGTH IN FEET)
- ◆ ALTERNATE ROCKLINE REMOVAL (LETTERS & PREVIOUS LENGTH IN FEET)

PROJ. NO. 13-055-23-01  
 DATE: 05/20/13  
 COUNTY: \_\_\_\_\_

NO ALTERNATE



**\*6. Garlock Slough Wetland Complex - Graff Wetland Restoration Project  
Palo Alto  
Project No: 12-01-30-04**

**Project Summary:** The scope of this project involves the restoration of nine wetland pool areas through use of dikes, ditch plugs, shallow water excavation, tile manipulation, and water control structures. The project was designed and bid by the engineering bureau. The wildlife bureau and NRCS were involved in the design and approved this project for letting. This project will be 100% reimbursed by Federal NRCS dollars.

**Function of the Project:** The Graff Tract is part of the larger Garlock Slough. This design will provide additional wetland elements to attract migratory birds and increase the areas available to the public for hunting and wildlife viewing. This project will also provide water quality benefits to both West Lake Okoboji and Little Sioux River. Tiles will be broken or surface drained into the marsh area to allow sediment to settle out prior to releasing the water downstream to the Lake or River.

**Construction Needed:** Work under this project includes earthfill (dike construction), shallow water excavations, tile breaks, tile installation (multiple sizes), water control structures, and seeding. All existing tiles within the work area will be either; broken and abandoned, or outlet to the surface to provide water for the newly created basins. Water control structures will allow staff to manipulate water levels to keep the marsh areas vegetated and the sediment consolidated.

DNR Project Manager:	Jeff Felts, PE; Engineering Bureau
Designer:	Dave Rolf, PE; Engineering
DNR Inspector:	Jeff Felts, PE; Engineering Bureau
Operating Bureau:	Wildlife
Funding Source:	100% Federal NRCS; Capital Link 43
Cost Estimate:	\$65,000.00

Plans Issue Date:	09/15/11
Bid Letting Date:	09/29/11
Plan Holders:	8
Number of Bids Received:	3

**Bidders**

Healy Excavating	Lake View, Iowa	\$81,488.33
Cohrs Construction	Spirit Lake, Iowa	\$98,996.00
Redings Gravel & Excavating	Algona, Iowa	\$116,401.25

**IDNR recommends rejecting all bids.**



**ESTIMATED QUANTITIES**

1	EARTHWORK, FILL/PLACE	12.881 CY
2	CONCRETE	1.000 YD
3	TILE PLUG	22 EACH
4	TILE INVESTIGATION	2943 LF
5	12" CAMP INTAKE	1 EACH
6	6" DUAL WALL PE PIPE	82 LF
7	6" CMP	59 LF
8	W/CS#1 W/CS#2	2 EACH
9	6" DUAL WALL PE PIPE	2 EACH
10	W/CS#3	1 EACH
11	6" NON-PERFORATED DRAIN TILE	90 LF
12	SEEDING	1 LUMP SUM



INSTALL 12" DIA INTAKE ON EXISTING 12" TILE

INSTALL MCS#3 APPROX 20' FROM POOL EDGE

SCALE: 1" = 300'

--- = TILE INVESTIGATION

○ = TILE PLUG

**7. Riverton WMA – Flood Repair and PCC Paving (Change Order #2)**  
**Fremont County**  
**Project No. 10-04-36-02**

A contract was awarded to Concrete Technologies Inc. on March 10, 2011. The contract included items for pavement removal, excavation, new PCC pavement and site restoration. The low bid contract amount was \$647,261.80.

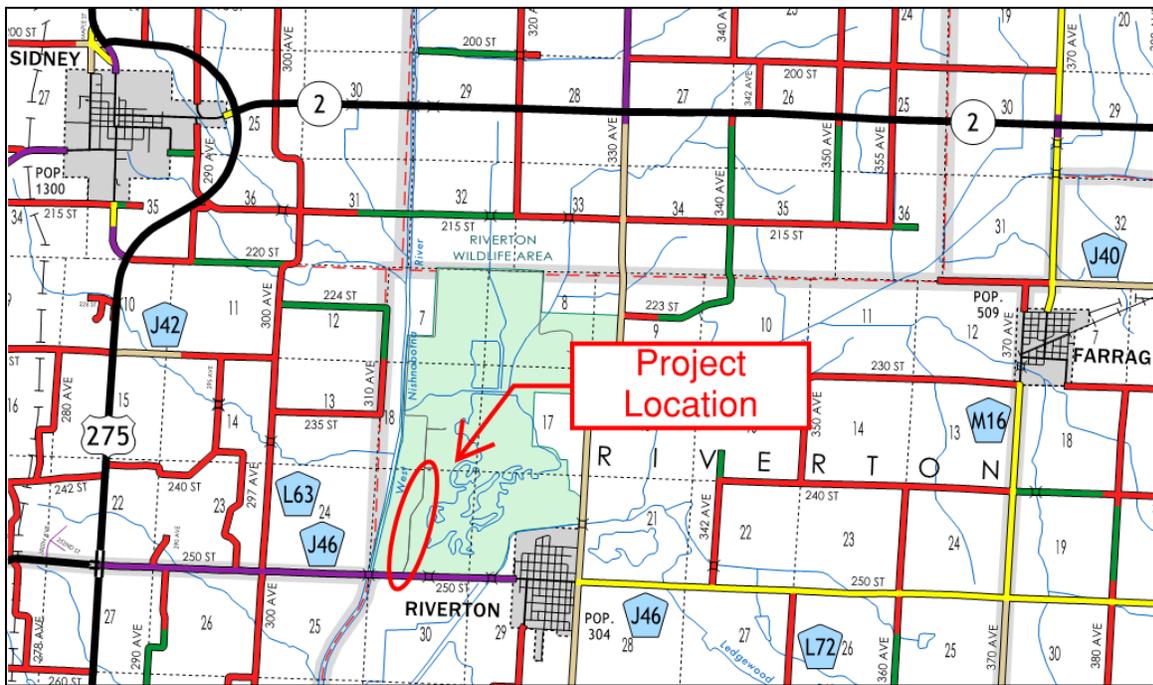
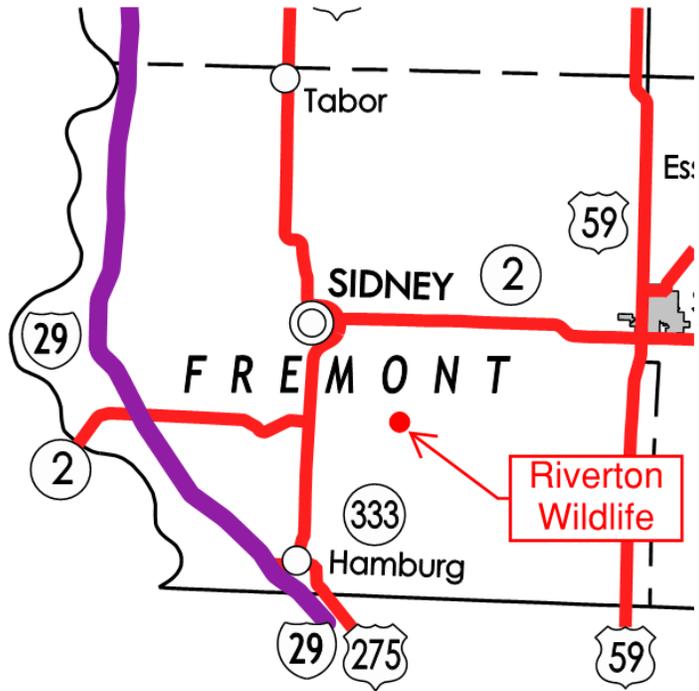
The project plan was to remove the existing pavement, remove approximately three feet of soil from the existing roadbed, and then install a Special Backfill rock base and a new 6” PCC roadway. Special Backfill for this project is the recycled material of the existing asphalt pavement and new crushed limestone. Special Backfill is a DOT term for reclaimed or recycled pavement to be use as a road base. After the soil was removed, the soil that remained was too soft to support the remaining construction traffic of rock trucks and concrete trucks. After consulting with the Iowa DOT, it was recommended by them that a Polymer Grid Fabric be placed under the Special Backfill base to support the remaining construction traffic on the soft soil.

Special Backfill on the original contract was bid per Ton. This requires certified scale tickets to be provided by the contractor. The existing asphalt pavement was removed and crushed on site and no certified scale was near the site. The contractor requested the item be changed to a Square Yard unit price with no total dollar amount change to the item. Change Order #2 was issued to correct these conditions.

**Change Order #2**

Concrete Technologies agreed to provide and install the Polymer Grid for a unit price of the \$3.85 per square yard. The converted price to place compacted Special Backfill is \$2.909 per Square Yard. The original item for Special Backfill on the contract per ton will not be paid and the result is no cost increase for Special Backfill. The cost of Polymer Grid is \$69,812.05 and the Special Backfill is \$55,910.98. The final cost of Change Order No. 2 is \$125,723.03. This requires NRC approval since Change Order No. 2 is 11% of the original contract amount. Staff’s oversight has caused this change order placed on August 3, 2011 prior to NRC approval. Funding will be provided through FEMA.

**DNR recommends awarding the contract change order to Concrete Technologies Inc.**



**\*8. Professional Services Contract – Delivery Order Approval  
Lake Darling State Park  
Campground Road Design and Main Road Concept Plan**

**Project/Contract Summary:**

The Department has negotiated a delivery order under a master contract with **McClure Engineering Company (MEC)** to provide planning and design consultation services for road work in Lake Darling State Park.

**Function of the Project/Service:**

Services for this project consist of two main tasks as follows:

- **Main Park Roadway Concept Plan:** The roadways in the park are in disrepair. The funding of the roadway repair/replacement will come from Parks & Institutional Roads (P&I) funds, which require that a conceptual plan be prepared for and approved by the Iowa Department of Transportation (IDOT). McClure Engineering will prepare this concept plan under this Delivery Order.
- **Campgrounds Road Design:** The roads in the campgrounds area are in disrepair. A concept plan to address this condition is currently being prepared. McClure Engineering will implement the findings of the concept plan by preparing the final design, bidding documents and opinion of probable costs for the campground road replacement/repair work.

Services are to be completed by November 17, 2011. Campground road construction is scheduled for the spring of 2012. Main road construction is scheduled for the fall of 2012 through the spring of 2013.

**Funding Source:**

Funding for the design and construction will be Parks & Institutional Road Funds.

**Cost Estimate:**

The cost for engineering services of this DO is a not to exceed amount of \$51,495.00. The preliminary estimated construction cost is \$1,300,000.

**IDNR recommends awarding the Delivery Order to McClure Engineering Company.**

Prior McClure Engineering Company Delivery Orders Under Contract	
Clear Lake State park Sanitary Sewer Rehabilitation	\$23,350.00
Lake Darling Campground Electric and Water Improvements	\$37,750.00
Lake Darling Campground Road Concept	\$8,940.00

**9. Professional Services Contract – Lake Manawa Drawdown Engineering and Observation Services**

The Department has negotiated a Delivery Order under a master contract with Ehrhart Griffin Associates for engineering and observation services on the Lake Manawa Drawdown project. Under this delivery order Ehrhart Griffin (as the project manager) will be retained for the following services:

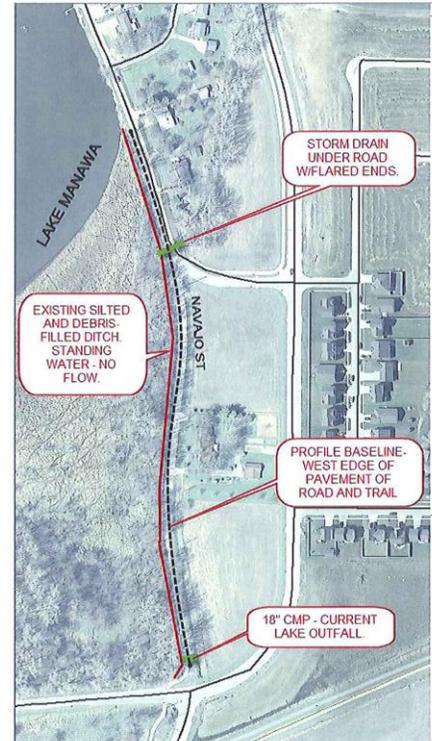
- Project management and support of the emergency drawdown

- Provide emergency status coordination efforts
- Provide on-site observation services (projected 180 hrs) during contractor execution of pumping contract

This project is needed for the emergency drawdown of Lake Manawa to alleviate high ground water in the surrounding area near Lake Manawa.

Compensation for the services provided under this Delivery Order will not exceed \$26,560.00 and has been described in detail in the Delivery Order contract. The funding source is 100% Lake Restoration.

**IDNR recommends awarding the Delivery Order to Ehrhart Griffin and Associates.**



Prior Ehrhart Griffin Delivery Orders:

Lake Manawa Campground; wetlands determination	\$5,100.00
Lake Manawa Drawdown; <i>Design and project support, site survey, emergency coordination, geotech services</i>	\$19,900.00

**10. Lake Manawa pumping: contracts with Rain for Rent and Andersen Construction, Inc.**

The Department requests Commission approval of two contracts for emergency draw-down pumping at Lake Manawa:

1. Rain for Rent for pumping services
2. Andersen Construction for fuel supply, traffic control, and road preparation.

The NRC previously approved a contract with *only* Rain for Rent during a phone-based NRC meeting on Thursday, October 6, 2011, as it was the DNR’s intent and understanding that Andersen Construction Co. would be hired as a sub-contractor by Rain for Rent. However, due to the general manager fee associated with Rain for Rent hiring a subcontractor, it was more economical to break this work into two separate contracts (rather than a single contractor-subcontractor contract).

Therefore, while the scope of work and dollar amount is the same as previously approved on October 6, 2011, there are now two separate contracts accomplishing this project.

Gabe Lee, PE  
 Bureau Chief of Engineering  
 Management Services Division  
[gabe.lee@dnr.iowa.gov](mailto:gabe.lee@dnr.iowa.gov)  
 October 18, 2011

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

---

ITEM

6

DECISION

*(\*6.1-6.4 proposed consent items)*

TOPIC

**Land Acquisition Project Approval**

---

**\*1. Upper Iowa River Wildlife Management Area – Winneshiek Co. – Lyon**

The Natural Resource Commission's approval is requested to purchase a tract of land located in Winneshiek County adjacent to state-owned and managed Upper Iowa River Wildlife Management Area (WMA). Edward Lyon and Sherry Oakland offer this 1.5-acre tract for \$15,000.

Rick Hansen negotiated the purchase agreement in compliance with Title 49 CFR Part 24 which allows the negotiator to negotiate without an appraisal from a value of \$10,000 to \$25,000 with the landowners waiving an appraisal.

This property is located 3 miles northwest of Decorah in central Winneshiek County. The small irregular-shaped tract is bounded on the north by the Upper Iowa River, the east by the Bluffton Blacktop, the south by Pole Line Road, and the west by DNR land.

In 1999, the State purchased 65 acres from Robert and Paula Jewell for public hunting and access to the Upper Iowa River. A paved access road and a large parking lot were constructed by the State in 2004 to enhance river access for paddlers. The cost of the improvements totaled nearly \$27,000. Recently it was discovered that slightly more than half of the paved parking lot is located on the Lyon/Oakland property. If approved, this acquisition will remedy the encroachment.

This property will continue to be heavily utilized by canoe and kayak enthusiasts. The Wildlife Bureau will manage the property.

Acquisition funding will be \$15,000 from REAP, Protected Waters Area. The property will remain on the tax rolls. The State will pay for a required land survey at an estimated cost of \$850. No fencing cost is anticipated. Incidental closing costs will be the responsibility of the Department.

Staff recommends approval of the land acquisition.

**\* 2. Prairie Rose State Park – Shelby Co. – Hansen**

The Natural Resource Commission's approval is requested to accept the donation of a permanent easement for storage of water and retention of silt adjacent northeast of Prairie Rose State Park in Shelby County. The donors are Jerry and Sherry Hansen. The easement shall serve as temporary and permanent storage of water and retention of silt on an area totaling approximately 0.1 acres lying below top of a water control structure.

This easement grant was negotiated by Rick Hansen of the department.

This property is located adjacent north of Prairie Rose State Park. The easement segment is grassland. The water control structure will be located on State land. The structure will be designed to trap sediment and to impound water to reduce runoff of soil and nutrients into Prairie Rose Lake. The project will cause water impoundment and sediment retention within the basin and located on a portion of the subject property. During extreme precipitation runoff, floodwater could result in occasional flooding to the top of the structure's elevation.

This easement will become part of the Prairie Rose State Park, and will be managed by the Parks Division in accord with the area management plan. Incidental closing costs will be the responsibility of the Department.

Staff recommends approval of the easement acquisition.

**\* 3. Prairie Rose State Park – Shelby Co. – Johannsen**

The Natural Resource Commission's approval is requested to accept the donation of a permanent easement for storage of water and retention of silt adjacent southeast of Prairie Rose State Park in Shelby County. The donor is Cathy Johannsen. The easement shall serve as temporary and permanent storage of water and retention of silt on an area totaling approximately 0.3 acres lying below top of a water control structure. The State will maintain the existing farmland access crossing adjacent to the State's and donor's boundary along the permanent pool.

This easement grant was negotiated by Rick Hansen of the department.

This property is located adjacent north, east, and south of Prairie Rose State Park. The easement segments are grassland. The water control structure will be located on State land. The structure will be designed to trap sediment and to impound water to reduce runoff of soil and nutrients into Prairie Rose Lake. The project will cause water impoundment and sediment retention within the basin and located on a portion of the subject property. During extreme precipitation runoff, floodwater could result in occasional flooding to the top of the structure's elevation.

This easement will become part of the Prairie Rose State Park, and will be managed by the Parks Division in accord with the area management plan. Incidental closing costs will be the responsibility of the Department.

Staff recommends approval of the easement acquisition.

**\* 4. Prairie Rose State Park – Shelby Co. – Mills**

The Natural Resource Commission's approval is requested to accept the donation of a permanent easement for storage of water and retention of silt adjacent northeast of Prairie Rose State Park in Shelby County. The donor is Edwin Mills. The easement shall serve as temporary and permanent storage of water and retention of silt on an area totaling approximately 0.2 acres lying below top of a water control structure.

This easement grant was negotiated by Rick Hansen of the department.

This property is located adjacent north of Prairie Rose State Park. The easement segment is grassland. The water control structure will be located on State land. The structure will be designed to trap sediment and to impound water to reduce runoff of soil and nutrients into Prairie Rose Lake. The project will cause water impoundment and sediment retention within the basin and located on a portion of the subject property. During extreme precipitation runoff, floodwater could result in occasional flooding to the top of the structure's elevation.

This easement will become part of the Prairie Rose State Park, and will be managed by the Parks Division in accord with the area management plan. Incidental closing costs will be the responsibility of the Department.

Staff recommends approval of the easement acquisition.

Travis Baker, Land & Waters Bureau Chief  
Conservation and Recreation Division  
October 18, 2011

Attachments: location map

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

---

ITEM

\*7

DECISION

TOPIC

**Land Management Agreement, Wanata County Park, Clay CCB**

---

The Natural Resource Commission's approval is requested for a management agreement with the Clay County Conservation Board and the DNR.

This agreement authorizes the DNR to manage the bridge at the entrance of Wanata County Park in Clay County. DNR management of the bridge will allow the use of parks & institutional roads funding to be used for the repair of bridge abutment damage. The term of the agreement is 25 years.

The agreement will be according to the terms and conditions of the standard DNR management agreement. Staff recommends approval of the management agreement.

Travis Baker, Land & Waters Bureau Chief  
Conservation and Recreation Division  
October 18, 2011

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

**ITEM**

\*8

**DECISION**

**TOPIC** REAP City Parks and Open Space Grants

The Department requests Commission approval of the recommendations from the Project Review and Selection Committee for REAP City Parks and Open Space Grants. This committee met on September 15th to evaluate project applications. Committee members are Ron Walker, Chairperson (Arnolds Park City Administrator), Sherri Proud (Coralville Park and Recreation Director), Kelley Canfield (Clive Parks and Recreation Director), Pat Prevenas (Dubuque Park and Recreation Director), and Kim Bogenschutz (Aquatic Nuisance Biologist, DNR Fisheries Bureau).

Forty-nine applications totaling \$4.6 million in grant requests were submitted for consideration during this FY 12 grant round for large, medium and small cities. Available funds total nearly \$1.8 million and would be consumed by the top 18 grants that are recommended for funding this year.

The tables below show the top cities to be funded, in boldface, for each category of city size. In case any of the top-ranked grants cannot be implemented, your approval is requested for all grant rankings so that the Department may award additional projects in the order ranked below until the money is fully obligated.

**REAP CITY PARKS AND OPEN SPACE GRANT PROGRAM - September 2011**

**LARGE CITIES - Population more than 25,000 -- \$815,792 available**

CITY AND POPULATION	RANK	GRANT REQUEST	PROJECT NAME
<b>Waterloo</b>	<b>1</b>	<b>\$193,400.00</b>	<b>Sherwood Park Recreation Area and Hartman Reserve Expansion</b>
<b>Dubuque</b>	<b>2</b>	<b>\$200,000.00</b>	<b>Land Acquisition for EB Lyons Interpretive Center and Mines of Spain (Prevenas abstains)</b>
<b>Iowa City</b>	<b>3</b>	<b>\$200,000.00</b>	<b>Iowa River Corridor Trail-Waterworks Prairie Park to Peninsula Park - Part I</b>
<b>Cedar Rapids</b>	<b>4</b>	<b>\$222,392.00</b>	<b>Riverfront Amphitheater Riverfront Restoration and Prairie Planting Project (\$300,000 requested)</b>
Davenport	5	\$300,000.00	Lttig Recreation Area
Bettendorf	6	\$150,000.00	Crow Creek Trail - Phase III (if REAP were fully funded @ \$20M. This and all projects above would have been funded. )
Dubuque	7	\$200,000.00	Bee Branch Creek Trail - MRT Route (Prevenas abstains)
Des Moines	8	\$250,000.00	John Pat Dorrian Trail Renovation and Relocation
Burlington	9	\$150,000.00	Flint River Trail (Phase III)
Cedar Falls	10	\$144,000.00	Big Woods Lake Campground - Shower/Restroom Facility

Cedar Rapids	11	\$173,530.00	Sac & Fox Recreational Trail Relocation
Council Bluffs	12	\$125,000.00	Kirn Park Rehab Project
<b>Total Request</b>		<b>\$2,385,930</b>	

**MEDIUM CITIES - Population 2,000 to 25,000 -- \$587,715 available**

CITY AND POPULATION	RANK	GRANT REQUEST	PROJECT NAME
<b>Waverly</b>	<b>1</b>	<b>\$65,000</b>	AMVETS Area Riverbank and Site Restoration
<b>Johnston</b>	<b>2</b>	<b>\$25,000</b>	Beaver Creek Natural Resource Area Interpretive Trail
<b>Bondurant</b>	<b>3</b>	<b>\$75,000</b>	Chichaqua Valley Trail (Bondurant to Trail Head Connection)
<b>Bellevue</b>	<b>4</b>	<b>\$75,000</b>	Bellevue Recreational Trail
<b>Waukee</b>	<b>5</b>	<b>\$125,000</b>	Heart of the Warrior Trail (Canfield Abstains)
<b>Spencer</b>	<b>6</b>	<b>\$125,000</b>	Deerfield Park Enhancement Project - Phase I
<b>Albia</b>	<b>7</b>	<b>\$40,825</b>	Albia Reservoir Phase III
<b>Perry</b>	<b>8</b>	<b>\$56,890</b>	Pine Street/Raccoon River Valley Trail ( <b>\$100,000 requested</b> )
Emmetsburg	9	\$75,000	Five Island Trail System - Putters Trail
Forest City	10	\$75,000	Pammel Park Storm Shelter/Shelter House w/Handicap Bathroom Facilities
Evansdale	11	\$75,000	Deerwood Park Campground Improvements - Phase I
Kalona	12	\$50,000	Kalona Recreational Trail ( <b>if REAP were fully funded @ \$20M. All projects would have been funded. )</b>
<b>Total Request</b>		<b>\$905,825</b>	

**SMALL CITIES - Population less than 2,000 -- \$393,787 available**

CITY AND POPULATION	RANK	GRANT REQUEST	PROJECT NAME
<b>Fayette</b>	<b>1</b>	<b>\$75,000</b>	<b>Fayette-Volga River Recreation Trail</b>
<b>Steamboat Rock</b>	<b>2</b>	<b>\$50,000</b>	<b>Old Mill Park Acquisition</b>
<b>Marquette</b>	<b>3</b>	<b>\$50,000</b>	<b>Driftless Area Wetland Interpretive and Learning Centre</b>
<b>Columbus Junction</b>	<b>4</b>	<b>\$75,000</b>	<b>Monkey Run Creek Watershed Management: Park Expansion/Land Acquisition</b>
<b>Eldon</b>	<b>5</b>	<b>\$50,000</b>	<b>Carlberg Property</b>
<b>Keosauqua</b>	<b>6</b>	<b>\$75,000</b>	<b>Keosauqua Riverfront Trail</b>
Jewell	7	\$75,000	JewEllsorth Trail
Ellsworth	8	\$50,000	JewEllsorth Trail Paving
Elkader	9	\$75,000	Elkader Riverfront Development
Calmar	10	\$50,000	Calmar Trail ( <b>if REAP were fully funded @ \$20M. This and all projects above would have been funded. )</b>
Allison	11	\$75,000	Wilder Park Trail Extension
Carson	12	\$50,000	Nishna Loop Pedestrian Trail & Heritage Center
Janesville	13	\$50,000	Park Master Plan Implementation - Phase II
Epworth	14	\$75,000	Epworth Trail Extension
Moville	15	\$75,000	Moville Main Street Pavilion
Kimballton	16	\$50,000	Little Mermaid Trail Phase I

Odebolt	17	\$11,410	City Park/Memorial Walk Project
Nashua	18	\$75,000	Cedar View Park Master Plan Implementation - Phase I
Fredericksburg	19	\$50,000	Plum Creek Nature Trail Development
Elk Horn	20	\$50,000	Little Mermaid Recreational Trail: Friends Walk Trail Element
Lanesboro	21	\$21,400	Lanesboro City Park Improvements
Deloit	22	\$15,250	Deloit City Park Improvements
Schleswig	23	\$50,000	RV Enhancement
Granger	24	\$75,000	Community Center & Park--Phase IV
Garnavillo	25	\$9,976	Garnavillo South Park & Playground Project
<b>Total Request</b>		<b>\$1,358,036</b>	

Tammie Krausman, REAP Coordinator  
Conservation and Recreation Division  
October 18, 2011

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

**ITEM**

**9**

**DECISION**

**TOPIC**

REAP County Conservation Board Grants

The Department requests Commission approval of the recommendations of the Project Review and Selection Committee for REAP County Conservation Board grants. That group met September 7, 2011 to evaluate project applications. Committee members are Jim Liechty, Chair (Madison CCB), Julie Ohde (Louisa CCB), Mark Peterson (Woodbury CCB), Angela Corio, DNR Parks Bureau, and Tom Anderson, DNR Land Quality Bureau.

Nineteen applications totaling \$3,720,560 million in grant requests were submitted for consideration during this FY 12 grant round. Available funds total \$1,129,215. Below are the top ranking projects, heading the list in boldface type. Note that 9<sup>th</sup> ranked project of Clayton CCB will be funded at 92% its requested amount, in its use of all remaining funds after the first seven are fully funded.

REAP was appropriated \$12 million in FY 12; if it would have been fully funded at \$20 million, there would have been enough to fully fund the Howard County project.

In the event that any of the top grants are unable to execute their project, approval is sought to offer those funds down the list in the ranking order as shown.

COUNTY	RANK	POINTS	AMOUNT	PROJECT
<b>Johnson</b>	<b>1</b>	<b>151.8</b>	<b>\$172,145.25</b>	<b>Ciha Fen</b>
<b>Jones</b>	<b>2</b>	<b>150.2</b>	<b>\$140,500.00</b>	<b>Kiburz Addition to North Bluff Hill Prairie</b>
<b>Dickinson</b>	<b>3</b>	<b>146.8</b>	<b>\$31,000.00</b>	<b>Zimmer Annex to Judd Wildlife Area</b>
<b>Pottawattamie</b>	<b>4</b>	<b>140.8</b>	<b>\$65,000.00</b>	<b>2011 Hohneke Addition to Hitchcock Nature Center</b>
<b>Black Hawk</b>	<b>5</b>	<b>132.6</b>	<b>\$20,000.00</b>	<b>Fisher Forest</b>
<b>Poweshiek</b>	<b>6</b>	<b>130.2</b>	<b>\$44,600.00</b>	<b>Buzzard Land Acquisition Project</b>
<b>Linn</b>	<b>7</b>	<b>129.4</b>	<b>\$81,000.00</b>	<b>Interactive Educational Exhibits - Wickiup Hill Learning Center</b>
<b>Wapello</b>	<b>8</b>	<b>129.4</b>	<b>\$112,100.00</b>	<b>Pioneer Ridge Nature Area Expansion</b>
<b>Clayton</b>	<b>9</b>	<b>127.2</b>	<b>\$462,869.75</b>	<b>Motor Mill Park Historic Bridge Reconstruction (\$500,000 requested)</b>
Des Moines	10	126.8	\$150,000.00	Flint River Trail: Phase 1 (Development)
Howard	11	126.2	\$100,000.00	Minear Addition to Vernon Springs Park (if REAP were fully funded @ \$20M. This and all projects above would have been funded. )
Des Moines	12	126	\$224,000.00	Aldo Leopold Recreation Area
Dallas	13	125.8	\$152,800.00	"Cotton Tract," Raccoon River Greenbelt Addition, Kuehn Conservation Area

Palo Alto	14	123.4	\$213,000.00	Silver Lake Acquisition
Chickasaw	15	122	\$224,445.00	Learn, Explore and Ponder (LEAP) Project - Phase II and III
Dubuque	16	119.6	\$600,000.00	Dubuque County Acquisition
Kossuth	17	110	\$40,000.00	Woodland Display
Floyd	17	102.2	\$43,270.00	Knapp Wildlife II
Taylor	18	100.6	\$550,000.00	Sand's Timber Resource Improvement
Dallas	19	93	\$45,000.00	Dayton House (Stagecoach Inn) Restoration Phase II
<b>Total Awarded</b>			<b>\$1,129,215</b>	

Tammie Krausman, REAP Coordinator  
Conservation and Recreation Division  
October 18, 2011

Iowa Department of Natural Resources  
Natural Resource Commission

---

ITEM

\*10

DECISION

TOPIC

**REAP Private Public Cost-share Grants – September 2011**

---

The Department requests Commission approval of the recommendations of the Project Review and Selection Committee for the REAP Public/Private Cost-sharing grants. The committee requests full funding for the top scoring project. Committee members include three from the DNR: Paul Tauke, Kevin Szcodronski, Jeff Joens; and three outside the agency: Jon Kruse, Storm Lake; Glenn Vondra, Adel and Andrea Evelsizer, Clear Lake.

A total of \$354,150 is available from the DNR's REAP Open Spaces Account to cost share with private entities for the purchase of high-quality natural areas that become state-owned property.

Applicants must provide at least 25% of the project cost. There were two applications for grants that totaled \$595,000 in requests. Both applications were from the Iowa Natural Heritage Foundation.

**2011 REAP Public-Private Cost Share - \$354,150 available**

PROJECT NAME - COUNTY	AMOUNT REQUESTED	AMOUNT RECOMMENDED	ACRES	APPLICANT
Barkley Memorial Forest Addition	\$354,000	<b>\$354,000</b>	67.86	Iowa Natural Heritage Foundation
Walter Addition to Cedar Rock State Park	\$241,000	<b>\$0</b>	108	Iowa Natural Heritage Foundation
<b>TOTAL</b>	<b>\$595,000</b>	<b>\$354,000</b>	<b>212</b>	

Tammie Krausman, REAP Coordinator  
October 18, 2011