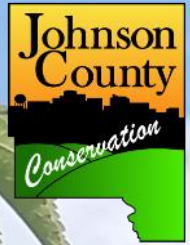


# ANNUAL REPORT

## JOHNSON COUNTY CONSERVATION BOARD



Rose Mallow, one of the most beautiful wetland wildflowers, are found in abundance at Cedar River Crossing.





## JOHNSON COUNTY CONSERVATION BOARD

Larry Gullett, Director

2048 Highway 6 NW, Oxford, IA 52322-9211

Phone – 319.645.2315, Fax – 319.645.2204, Cell – 319.400.1270

E-mail – lgullett@johnsoncountyia.gov

Web – www.johnsoncountyia.gov/conservation

### Board Members

Bill Waldie

Connie Mutel

Gene Zdrazil

Carolyn Buckingham

Bonnie Winslow-Garvin

March 31, 2020

To: Johnson County Board of Supervisors,

The Conservation Board and staff are proud to present you the FY20 Annual Report. With strong support from the Board of Supervisors and other county departments and organization's we accomplished a great deal during the year. Visitation to county parks throughout the county is up as we are experiencing at least a 165% increase in visitation.

In addition to managing the day-to-day visitation and park custodial duties, we have made progress on several large-scale projects. These include,

- finishing Phase 1 of the Sutliff Operations Center and Voting Precinct,
- completing the lake restoration at Kent Park,
- near completion of the wetland and savanna restoration at Cedar River Crossing,
- completing construction of the Hoover Trail to a point where cyclists can begin using the entire corridor,
- completing and closing out the Mehaffey Trail project and
- finishing the acquisition of Cangleska Wakan.

We completed all these projects while in the COVID pandemic, but we always found a way to continue providing the areas and services that people enjoy. The availability of park and recreation areas during the pandemic has provided a healthy alternative for people practicing social distancing and looking for outdoor recreation opportunities.

We are very pleased with the level of support the Supervisors continue to demonstrate towards the conservation program and thank you for all your help. If you have any questions about the information in the report, or know of other ways we can help the people of Johnson County, please contact us at any time.

Sincerely,

*Jon J. Olson* *David D. Wehde* *Setb Sonwallter*  
*Brad Freidhof* *Paul Bouska* *Mari Lano* Ed Kringle  
*Kristen Monow* *Emily B. Allen* *Dony Kjos* *Kevin Halmeier*  
*Alice Class-Bartlett* *Lynn Owen*  
*Ben Diller* *Larry Gullett* *Beth R. Harris* *Terry Kinney*  
*Wade Schind* *Jeremy Rieck*



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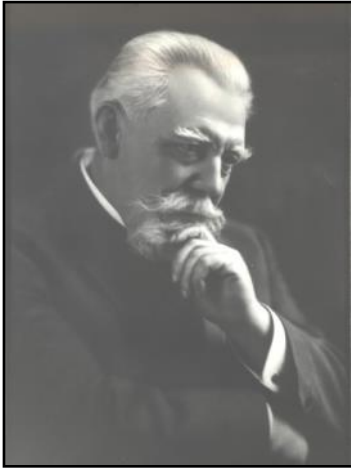
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# Johnson County Conservation Board

## **Background**



Pioneer Iowa Conservationist and University of Iowa President Thomas Huston MacBride first conceptualized the county park system when he described his idea for a statewide system of county or rural parks before his colleagues in the Iowa Academy of Sciences in 1895.

However, it was not until 1955, that the 56<sup>th</sup> General Assembly passed the County Conservation Law, Chapter 111A, now Chapter 350, of the Code of Iowa, which made it possible for county residents to establish their own “county conservation board”.

The citizens of Johnson County voted to establish their County Conservation Board in the general election of November 3, 1964. The vote was 9,811 yes and 1,935 no.

## **Johnson County Conservation Board Vision:**

The Vision of the Johnson County Conservation Board is a county where all citizens have access to a healthy landscape, environmental education and recreation opportunities; where the natural resources of the county are enhanced and protected; where conservation areas are restored and maintained at the highest standard and are safe, and where this vision is accomplished through partnerships with the public and private sector.

## **Johnson County Conservation Board Mission:**

Chapter 350 of the Iowa Code defines the Mission of the County Conservation Board.

“To acquire, develop, maintain and make available to the inhabitants of the county, public museums, parks, preserves, parkways, pathways, playgrounds, recreation centers, county forests, wildlife and other conservation areas, and to promote and preserve the health and general welfare of the people and to encourage the orderly development and conservation of natural resources, and to cultivate good citizenship by providing adequate programs of public recreation.”



## **FY20 Board of Supervisors**



July 1, 2019 to June 30, 2020: L to R, Rod Sullivan, Royceann Porter, Pat Heiden, Lisa Green-Douglas & Janelle Rettig. The Board of Supervisors appoint residents to serve 5 year terms on the Conservation Board, provide input on special projects and strategic planning, and appropriate funding to operate the conservation program.

## **Your County Conservation Board**

The Conservation Board consists of five county residents appointed to five year staggered terms by the Board of Supervisors. Members of the board are selected and appointed on the basis of their demonstrated interest in conservation matters, and serve without compensation. The board operates as a corporate body. They make decisions regarding the preservation of local natural resources and the development of a well-organized program of public recreation. The Conservation Director, who is responsible to the Board, implements the conservation program.

County Conservation Boards are agencies of county government created by statute and governed by an appointed independent, non-partisan board. They have broad responsibilities in the area of local conservation and recreation programs. Few conservation agencies have such a broad discretionary authority in regard to program content and direction. The Conservation Board addresses such diverse matters as parks, preserves, resource management and conservation education.



## **Members of the Conservation Board & FY20 Officers**

July 1, 2019 to December 30, 2019: Alice Atkinson—President, Larry Wilson—Vice-President, Gene Zdrazil—Secretary



Larry Wilson, Coralville



Alice Atkinson, Iowa City



Connie Mutel, Solon



William Waldie, Iowa City



Gene Zdrazil, Lone Tree

January 20, 2020 to June 30, 2020: Gene Zdrazil—President, Bill Waldie—Vice-President, Larry Wilson—Secretary



Larry Wilson, Coralville



Carolyn Buckingham, Iowa City



Connie Mutel, Solon



William Waldie, Iowa City



Gene Zdrazil, Lone Tree



## **Conservation Board Meetings**

Monthly meetings of the Board are held in the Conservation Headquarters Building at F.W. Kent Park from April through October. During the winter months of November through March, meetings are held in the first floor meeting room of the Johnson County Administration Building, 913 South Dubuque Street, Iowa City or in other locations as posted. Regular board meetings are scheduled for the third Tuesday of each month and start at 5:30 PM. Special meetings are scheduled as needed. All meetings are open to the public. Meeting notices are posted on the county web page and in the local media.

Sixteen Board Meetings were held during the 2020 fiscal year. This included 12 regular monthly meetings and four special meetings. The special meetings included a budget review meeting, consultant selection meeting for concept planning at Pechman Creek Delta and Cangleska Wakan, a joint meeting and retreat with the Board of Supervisors and staff, and a public hearing for construction of a new shop near Sutliff.

All Board Meeting agendas and minutes are available to view or download through the County's website at: *(Ctrl Click on the following links or copy and paste into your browser)*

[http://www.johnson-county.com/dept\\_conservation\\_agendas.aspx?id=3943](http://www.johnson-county.com/dept_conservation_agendas.aspx?id=3943)

Special reports, newsletters and other information is also available through the County's website at:

[http://www.johnson-county.com/dept\\_conservation.aspx?id=3943](http://www.johnson-county.com/dept_conservation.aspx?id=3943)

### **Fiscal Year 2020 Board Roster**

	Appointed Date	Term Ending
Alice Atkinson, Iowa City	01/21/10	12/31/19
Larry Wilson, Coralville	06/07/12	12/31/20
Bill Waldie, Iowa City	06/20/13	12/31/21
Connie Mutel, Solon	01/01/17	12/31/22
Gene Zdrazil, Lone Tree	06/21/17	12/31/23
Carolyn Buckingham, Iowa City	01/01/20	12/31/24

## **Legal Assistance**

The Johnson County Attorney provides legal assistance to the Conservation Board. Susie Nehring, Assistant County Attorney, worked closely with the Conservation Board, providing guidance for adherence to open meeting laws, executive sessions, land acquisitions, contract review and a variety of other needs. Ryan Maas, Assistant County Attorney, also helped during the year.

## **FY20—Welcome New Staff**



Paul Bouska, Custodian, began work on July 15th, 2019, is responsible for the upkeep and cleaning of all grounds and facilities at Kent Park and also maintaining the inventory of all custodial products used throughout the county park system.



Kevin Halemeyer, Natural Resource Management Specialist, began work on September 23, 2019 and assists with management of natural resources throughout Johnson County. Kevin is stationed at Kent Park, but is routinely deployed to other areas throughout the county to implement special projects.

## **Graduate of the Iowa Law Enforcement Academy**



On December 13, 2019, Ranger Aaron Ohlsen, graduated from the Iowa Law Enforcement Academy in Des Moines, Iowa. Ranger Ohlsen began training at the academy on August 26, 2019, was sponsored by the Johnson County Conservation Board.



# Johnson County Conservation Board

## Personnel Roster

July 1, 2019 – June 30, 2020

### FULL TIME STAFF

<b>NAME</b>	<b>POSITION</b>	<b>START DATE</b>	<b>END DATE</b>
Larry Gullett	Director	01/07/2013	
Dory Kjosa	Part Time Office Assistant	08/30/2010	12/29/2014
	Office Manager/Secretary	12/30/2014	
Emily Walker	Part Time Office Assistant	03/16/2015	6/28/2019
	Office Assistant	06/29/2019	
Charlie Bray	Park Ranger I	03/25/2013	03/27/2016
	Park Ranger II	03/28/2016	
Aaron Ohlsen	Park Ranger I	03/11/2019	
Brad Freidhof	Naturalist	09/03/2002	06/21/2014
	Conservation Program Mgr.	06/22/2014	
Dave Wehde	Vegetation Specialist	06/09/1986	10/24/2012
	Natural Resource Mgr.	10/25/2012	
Jeremy Rieck	Vegetation Specialist	05/17/2004	11/20/2012
	Natural Resource Mgmt. Specialist	11/21/2012	
Wade Schultz	Mechanic	06/23/1997	09/19/2012
	Operations Superintendent	09/20/2012	
Gary Pidgeon	Construction Man II	10/06/1970	04/07/1979
	Field Foreman	04/08/1979	06/30/2002
	Senior Maintenance Worker	07/01/2002	
Terry Kinney	Field Worker I	11/06/1989	06/30/2002
	Field Worker II	07/01/2002	
Dave Gustafson	Field Worker I	03/15/2004	06/30/2009
	Field Worker II	07/01/2009	08/28/2011
	Utility Person	08/29/2011	
Ed Kringle	Field Worker I	10/17/2011	02/28/2015
	Trails Field Worker II	03/01/2015	
Josh Allen	Mechanic	02/22/2016	
Kristen Morrow	Naturalist	08/12/2015	
Ben Woltz	Field Worker II	04/07/2015	
Mike Alexander	Natural Resource Mgmt. Specialist	08/01/2016	
Blake Harris	Natural Resource Mgmt. Specialist	08/21/2017	
Frances Owen	Naturalist	05/21/2018	
Seth Somerville	Field Worker II	07/02/2018	
Paul Bouska	Custodian	07/15/2019	
Kevin Halemeyer	Natural Resource Mgmt. Specialist	09/23/2019	

**Johnson County Conservation Board  
Personnel Roster  
July 1, 2019 – June 30, 2020**

**SEASONAL STAFF**

<b>NAME</b>	<b>POSITION</b>	<b>START DATE</b>	<b>END DATE</b>
Ian Perkins	Naturalist Intern	04/17/2019	08/16/2019
Lavonne Christianson	Naturalist Intern	04/29/2020	08/14/2020
Kimberly Miller	Ranger Intern	05/06/2019	09/01/2019
Maxwell Warnecke	Ranger Intern	05/15/2019	09/15/2019
Kimberly Miller	Ranger Intern	05/04/2020	09/04/2020
Jacob Moss	Ranger Intern	04/30/2020	08/30/2020
Sherry Frantz	Campground Attendant	04/10/2019	10/27/2019
Bill Frantz	Campground Attendant	04/10/2019	10/27/2019
Sherry Frantz	Campground Attendant	05/04/2020	10/18/2020
Bill Frantz	Campground Attendant	05/04/2020	10/18/2020
William Blakenship	Seasonal Park Worker	04/15/2019	08/15/2019
Paul Bouska	Seasonal Park Worker	04/15/2019	07/05/2019
William Burton	Seasonal Park Worker	04/15/2019	08/15/2019
John Castle	Seasonal Park Worker	06/03/2019	10/03/2019
Nathan Finn	Seasonal Park Worker	04/15/2019	08/15/2019
Dayne Gustafson	Seasonal Park Worker	05/16/2019	08/23/2019
Kevin Halemeyer	Seasonal Park Worker	05/13/2019	09/23/2019
Trevor Holley	Seasonal Park Worker	04/15/2019	08/15/2019
Nicholas Kertels	Seasonal Park Worker	06/03/2019	10/03/2019
Leon Lintz	Seasonal Park Worker	05/06/2019	11/06/2019
Marla Looper	Seasonal Park Worker	03/25/2019	07/25/2019
James Mount	Seasonal Park Worker	03/11/2019	07/11/2019
Cliff Murphy	Seasonal Park Worker	05/06/2019	09/06/2019
Catherine Reilly	Seasonal Park Worker	05/28/2019	08/27/2019
Gavin Ritchie	Seasonal Park Worker	05/16/2019	08/23/2019
Emily Schultz	Seasonal Park Worker	06/03/2019	08/16/2019
Clairissa Zabel	Seasonal Park Worker	03/18/2019	06/18/2019
Rebecca Bartlett	Seasonal Park Worker	04/06/2020	08/07/2020
Tim Beemer	Seasonal Park Worker	04/10/2020	08/10/2020
Jeffery Bell	Seasonal Park Worker	11/18/2019	03/18/2020
Joel Born	Seasonal Park Worker	05/11/2020	08/21/2020
William Burton	Seasonal Park Worker	05/18/2020	08/14/2020
John Castle	Seasonal Park Worker	05/26/2020	09/25/2020
Alicia Claus-Bartels	Seasonal Park Worker	01/21/2020	05/15/2020
Josh Crosbie	Seasonal Park Worker	05/11/2020	09/11/2020
Nathan Finn	Seasonal Park Worker	04/13/2020	08/13/2020
Chase Gehrke	Seasonal Park Worker	04/20/2020	06/30/2020
Hunter Gehrke	Seasonal Park Worker	05/18/2020	09/18/2020
Trevor Holley	Seasonal Park Worker	05/04/2020	09/04/2020
Nick Houg	Seasonal Park Worker	05/18/2020	09/18/2020
Nicholas Kertels	Seasonal Park Worker	06/01/2020	07/17/2020
Kristin Krumm	Seasonal Park Worker	05/18/2020	09/18/2020
Timothy Kurt	Seasonal Park Worker	10/16/2019	02/14/2020
Timothy Kurt	Seasonal Park Worker	05/18/2020	01/15/2021
Leon Lintz	Seasonal Park Worker	05/07/2020	11/06/2020
Marla Looper	Seasonal Park Worker	04/06/2020	07/31/2020
Cliff Murphy	Seasonal Park Worker	05/11/2020	09/11/2020
Emily Schultz	Seasonal Park Worker	04/06/2020	08/07/2020
Abigail Smith	Seasonal Park Worker	05/04/2020	08/14/2020

## **FY20 Program Highlights**

The following pages include images of *special projects* the Board and staff worked on during the fiscal year. In addition to these projects the staff also maintained 17 park and recreation areas throughout the county, including high use recreation areas, natural areas, trails and the education program.

- **Cedar River Crossing and the Ely Road & Hoover Trail Wetland Mitigation Site**

- ◇ Seeded 128.1 acres, including 97 acres of wetland (sedge meadow, emergent and hemi-marsh wetland types), 22.6 acres of mesic to wet prairie and 8.5 acres of riparian savanna.
- ◇ Planted 12,837 plants, including 12,577 wetland emergents, 87 wetland shrubs and 173 trees.
- ◇ Constructed 2,000 linear feet of meandered stream channel.
- ◇ Filled 1,600' of an old, channelized stream channel as part of the sand prairie restoration and to relocate the stream back to its original location.
- ◇ Completed the excavation and grading to create 97 acres of wetland and installed a control structure and inlet and outflow pipe.
- ◇ Broke the temporary dike and began re-routing the stream to its original channel and filling of the wetlands.
- ◇ Completed the Terraplane aerial survey and as-built drawings.
- ◇ Girdled and treated 70 acres of invasive species and overstocked trees within the riparian floodplain forest to prepare for thinning.
- ◇ Removed and mulched invasive and over-stocked trees and ground stumps within 70 acres of the riparian forest to open up the tree canopy by 60%.
- ◇ Completed three annual reports for the wetland bank, Ely Road and Hoover Trail mitigation site and Clear Creek Trail mitigation site and submitted to the USACE.
- ◇ Controlled water levels in the wetlands during high water events to stimulate germination of the wetland seed.
- ◇ Installed the center stone or cairn in the astronomical clock.

- **Kent Park and the Lake Restoration**

- ◇ Planted 12,000 submerged aquatic plants in the lake and catch basins with staff and volunteers.
- ◇ Monitored water quality at 30 different locations for 11 parameters in the lake and watershed every week through the growing season with help from three STEM teachers.
- ◇ Set up pumps and a watering system and watered the submerged aquatic plants 19 hours per day from July 13th through September 16th on four fish reefs, the upper end of the lake and in bays next to the boat ramp.
- ◇ Completed repairs to the new latrine vault at the boat ramp and opened the facility to the public.
- ◇ Developed a contour map of the lake.
- ◇ After 2 1/2 years, the lake filled to normal pool on October 26, 2019—it was lowered on April 24, 2017.
- ◇ Cut willows emerging from the lake surface throughout the lake basin.
- ◇ Installed a new dock at the boat ramp.
- ◇ Completed Phase 1 and 2 of the lake restoration project and closed three grants through the IDNR.
- ◇ Constructed and installed 100 artificial fish structures in catch basins.
- ◇ Acquired the 10 acre, Meyer property from the INHF, which included a farmstead split, filling two abandoned



wells, development of a deed restriction, fencing and new gate construction.

- ◇ Developed and implemented a life jacket loaner program at the boat ramp.
- ◇ Worked with the IDNR fisheries and stocked 16,973 bass, bluegill, channel catfish, red-eared sunfish and crappie.
- ◇ Administered the special zone deer hunt with a harvest of 23 deer and 3 incentive tags earned.
- ◇ Began removing ash trees infected with the Emerald Ash Borer from the campground and high use turf areas.

- Trails

- ◇ Developed snowmobile trail policies for 3 areas, including the Hoover and Mehaffey Trails and Cedar River Crossing, signed the trails and coordinated use with the local snowmobile clubs.
- ◇ Hoover Trail
  - \* Continued with Phase 3 construction between Polk Blvd. and the Ely Road tunnel underpass with Secondary Roads and Streb Construction Company.
  - \* Finalized the interpretive signage plan and installed signs along the phase 1 and 2 sections.
- ◇ Mehaffey Trail
  - \* Closed the project and all grants and coordinated with Secondary Roads.
- ◇ Clear Creek Trail
  - \* Developed an RFP for design and permitting services, selected Stanley Consultants and began contract development.

- Cangleska Wakan

- ◇ Completed the oral history video archive with Dick Schwab and Katherine Burford.
- ◇ Completed the final acquisition of 33 acres and the caboose from the INHF.
- ◇ Developed an RFP for concept planning services, selected Shive-Hattery, executed a contract and began the planning process.
- ◇ Began the naming process with members of the Iowa Tribe of Kansas and Nebraska.
- ◇ Completed renovation of the wood shop to remove two walls and strengthen the ceiling, floor joists.
- ◇ Resurfaced Scotts Lane with asphalt millings.

- Sutliff Operations Center

- ◇ Completed phase 1 construction of the new shop.
- ◇ Completed construction documents for the phase 2 office and voting precinct, advertised for bids and let a contract for construction.
- ◇ Moved into the new shop area and removed the temporary construction trailer/office from the site.
- ◇ Poured the concrete apron on the east side of the building and the entryway off of Sutliff Road.
- ◇ Began construction of work benches and cabinets for the shop.

- Pechman Creek Delta

- ◇ Developed an RFP for concept planning, selected ASTIG and completed the concept plan development.

- Education Program
  - ◊ Developed and presented 126 programs to 4,112 participants.
  - ◊ Presented programs at six different conservation areas and produced 4 issues of the newsletter.
  - ◊ Coordinated 86 volunteers contributing 401.5 hours of time to conservation projects and programs.
- Developed and Adopted the Use of Force and Firearms Policy for the ranger staff.
- Climate Change
  - ◊ Replaced all incandescent lighting at Cangleska Wakan and Pechman Creek Delta with LED lights and fixtures, coordinated the project with the PDS department and the Sustainability and Energy Reinvestment Fund (SERF).
  - ◊ Purchased an electric John Deere Gator for use at Cedar River Crossing.
  - ◊ Restored 128 acres of former crop ground to wetland and prairie which will serve as a carbon sink.
  - ◊ Began conversion of 70 acres of overstocked, riparian bottomland forest to enhance the wetlands and herb layers ability to trap carbon.
- Wings2Water initiative for funding water quality improvement projects at Kent Park.
  - ◊ Raised \$11,026, for planting prairie and wetland plants, strategically located in the watershed of Kent Park Lake.
  - ◊ Participated in the launch event at the Eastern Iowa Airport.
- Cabin Rental Feasibility Study
  - ◊ A University of Iowa Marketing Class completed a research and feasibility study of renting cabins or park facilities for overnight stay.
- Began redesign of the county website and provided the IT department with materials needed for the new format.
- Aaron Ohlsen, Ranger 1, graduated from the Iowa Law Enforcement Academy
- The INHF acquired the Malinda Reif Reilly Fen and Prairie, preserving it for future acquisition by the Conservation Board.
- Strategic Planning Retreat
  - ◊ The Conservation Board, Board of Supervisors and staff met for a one day retreat, facilitated by staff from the Institute for Conservation Leadership, to update the strategic plan and exchange ideas about how to make the conservation program the best it can be.
- Emerald Ash Borer—Began removal of ash trees infected with EAB in the turf and high use areas at Kent Park and Hills Access.
- COVID
  - ◊ Remote set-up of computers through the IT department for staff that could work from home.
  - ◊ Implemented leave policies with HR consistent with the Family Leave Medical Act.
  - ◊ Increased cleaning and sanitation of all park facilities to two times daily.

- ◇ Closed all playgrounds, campgrounds, the youth group camp, education center, all offices and cancelled all group reservations according to timelines required by the Governor.
  - ◇ Coordinated all reservations where fees were paid by users to allow moving the reservations to after the pandemic.
  - ◇ All environmental education group programs cancelled according to guidelines for social distancing and implemented new and creative programs that met social distancing restrictions.
  - ◇ Implemented and adapted to a hiring freeze implemented by the Board of Supervisors.
  - ◇ Experienced a 165% increase in visitation to park and recreation areas.
  - ◇ Received staffing from the SEATS and PDS departments to accommodate their loss in services and address our increased usage.
  - ◇ Implemented emergency orders of PPE equipment and sanitation supplies and coordinated expenses with the Finance department for reimbursement from the disaster declaration.
- **Prairie, Savanna and Wetland Management & Seed Harvests**
    - ◇ Prescribed burning of 443.45 acres at Kent Park, Cedar River Crossing and Ciha Fen.
    - ◇ Hand harvested 141 pounds of prairie, savanna and wetland seed valued at \$21,979, with help from the Education staff and many volunteers.
    - ◇ Combined and dried 1,092 pounds of forb and grass seed valued at \$98,280.
    - ◇ Performed invasive brush removal on 126.8 acres and timber stand Improvement thinning on 7.3 acres at Kent Park.



Many species of shorebirds are using the new wetlands at Cedar River Crossing. Left: A Hudsonian Godwit searches for small invertebrates during migration. Hudsonian's nest in grassy areas of the tundra in Alaska and Canada. Below: A Marbled Godwit walks along the mudflats in the new wetlands. This species nests in the wet prairies of the Dakotas and southern Canada. Photos by Brandon Caswell.





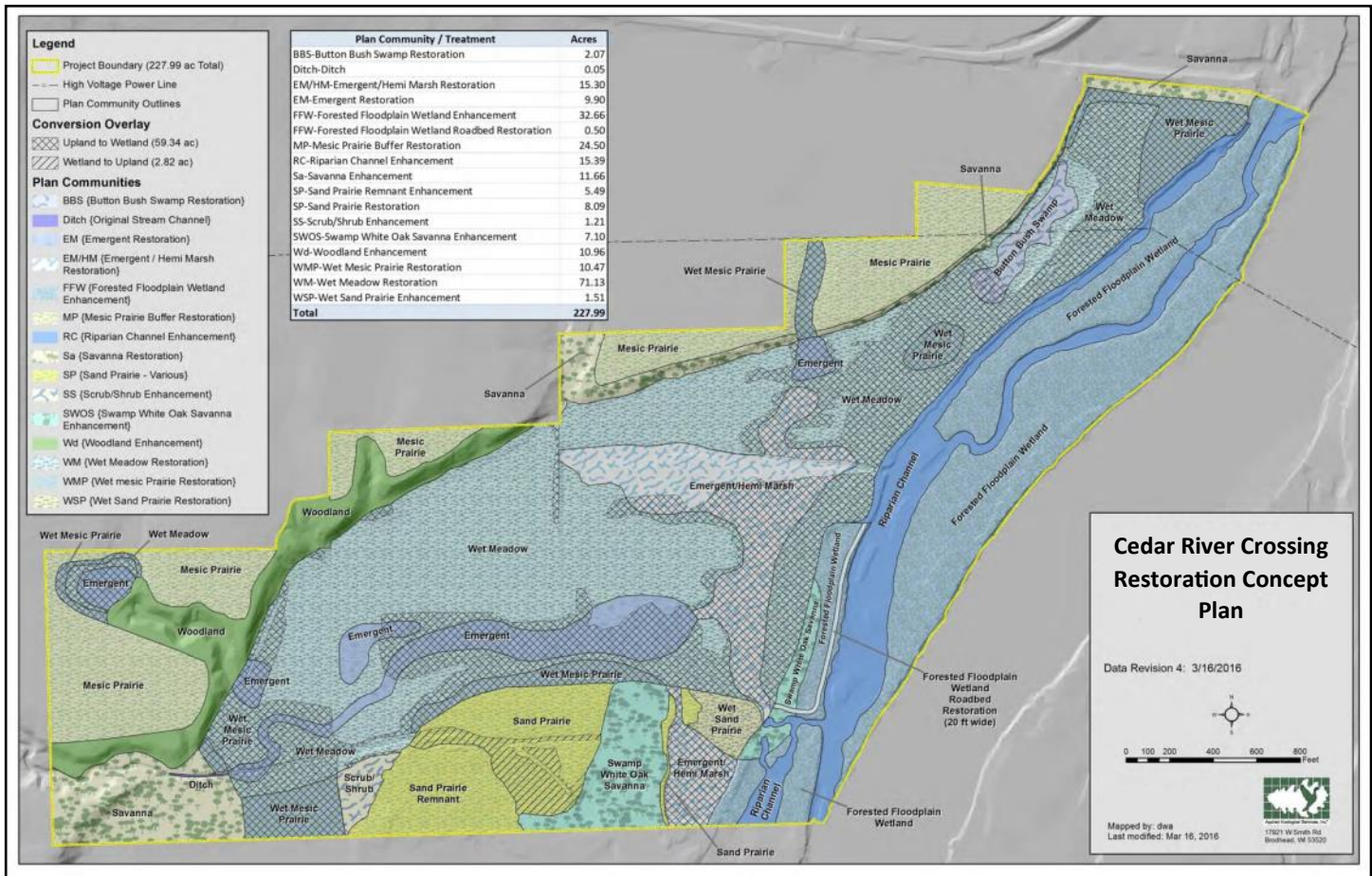


Above: A female Red-necked Phalarope feeding in the main wetland basin at Cedar River Crossing—May 2020. Left: A male of the same species. In contrast with most species of birds, the female is the most colorful of the two. These birds nest on the arctic tundra and normally are found in the open ocean during migration. They are very rare in Iowa and birders from around the midwest visited Cedar River Crossing in May 2020, to get a glimpse of the birds and add them to their life list. Pictures by Brandon Caswell.



# Cedar River Crossing

## Wetland and Savanna Restoration and the Ely Road and Hoover Trail Wetland Mitigation Project



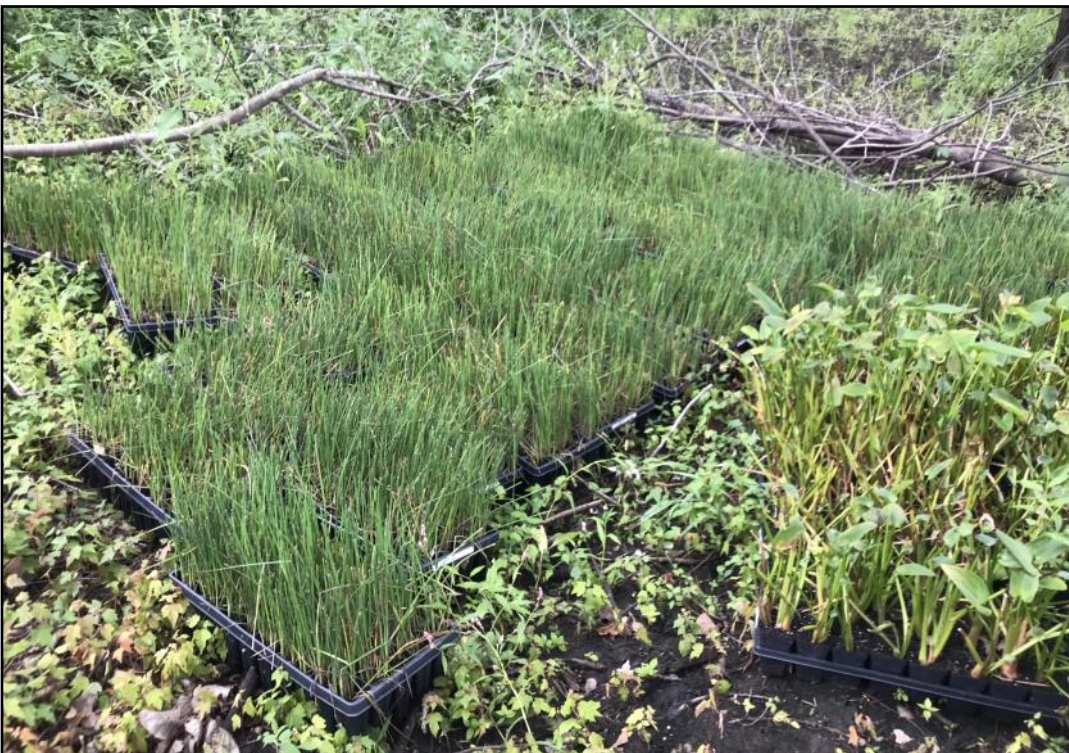
In August 2019, CJ Moyna Company completed excavation and grading of the wetlands and meandering of more than 2,000 linear feet of previously channelized stream. The Secondary Roads Dept. partnered with the Conservation Board in development of the wetlands by hiring CJ Moyna to do the excavation and grading in return for wetland credits required to mitigate wetland impacts from road and bridge construction projects. The re-meandering of two stream channels and finish grading in the deepest portion of the main wetland basin were challenging due to a high water table and the most rainfall ever recorded in a 14 month time period.







Seeding and planting 128 acres, was a massive undertaking. Five different seed mixes, 1,600 lbs. of seed—including hand collected seed, 12,837 wetland plants, 87 wetland shrubs and 173 wetland trees. All the trees and shrubs were staked and labeled.







Pictured above are old spoil piles from channelizing a stream through a native sand prairie in the 1990's.

After the channelized stream was diverted to the newly restored channel, the final task included filling the old stream channel and restoring it to sand prairie. After the old channel was filled staff used hand collected seed from the nearby sand prairie to begin the reseeding effort. This restoration will occur over several years and only include seed from the adjacent sand prairie relict.







The wetlands filled within two months after construction and then remained high through the summer of 2020, due to flooding and abundant rainfall. Pictured below is a 1 year old sedge meadow restoration. The area was previously dominated by canary grass and as part of the restoration effort about 3"- 4" of sod, dominated with canary grass roots and seed, was removed from the site.



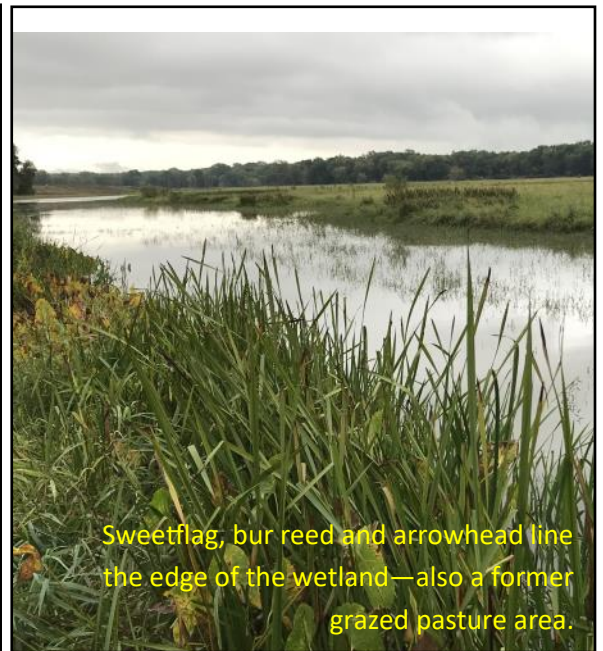




Blue Flag Iris, near the upper end of the main wetland basin.  
This area was previously a grazed pasture.



Soft-stemmed Bullrush and spike rushes dominate the shoreline of an old sandpit. The pit was filled with dredge material, shaped and then seeded to create an emergent wetland.



Sweetflag, bur reed and arrowhead line the edge of the wetland—also a former grazed pasture area.



A sunset over the main wetland basin. May 2020

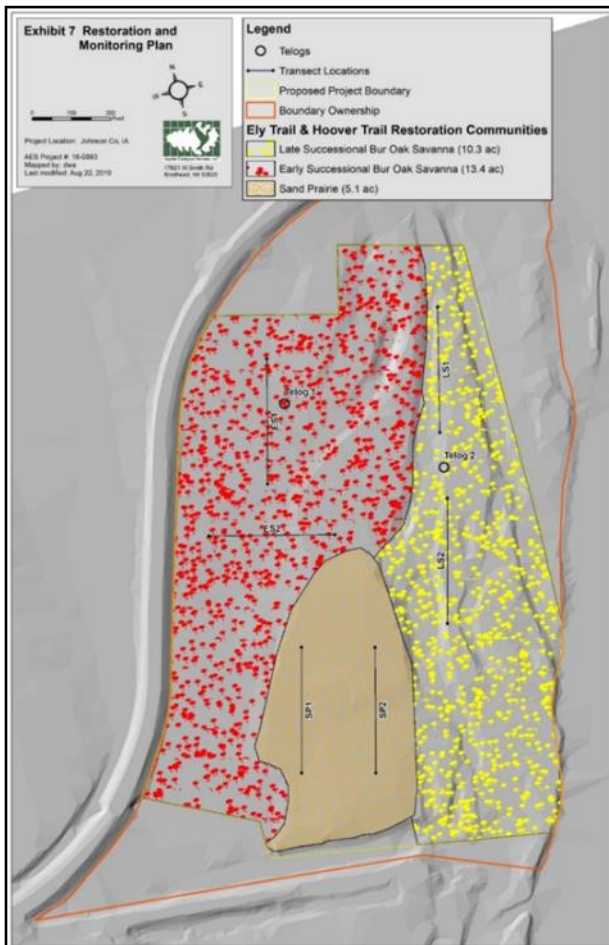




The center stone or “cairn”, was cut and then hand shaped from natural bed limestone at the quarry in Stone City and then transported and set in place. The stone marks the exact center of lines marking the sunrise and sunset on the horizon during the solstices and equinox’s. The stone weighs approximately 9,500 lbs.







As part of the Hoover Trail and Ely Road project mitigation of impacts were required. Improving the function and value of wetlands between the two bridges at Cedar River Crossing are part of those mitigation requirements. Above are aerial photos of the site before and after tree thinning to remove overstocked silver maple, locust and mulberry, opening the wetlands to promote herbaceous growth through sun-lighting. Native oak, walnut and hawthorn are now interspersed among wetlands providing outstanding habitat for reptiles, amphibians, birds and mammals.

Annual reporting of the sites response to thinning is required by the USACE. Pictured below is an example of the herbaceous plant communities lush response to sun-lighting. May 2020.

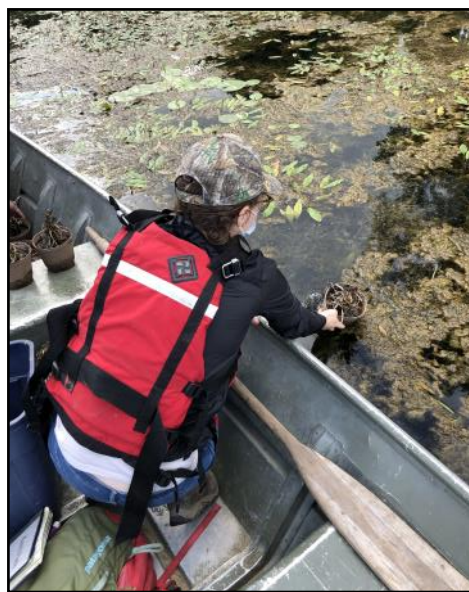




# Kent Park Lake Restoration



In July 2019, staff and many volunteers hand planted 12,000 submerged aquatic plants on four fish reefs and 3 bays in Kent Park Lake. Species included water lily, eelgrass, pondweed, spatterdock and watershield.







The water level in the lake was lowered below the fish reefs to allow for high quality planting. Due to a drought during July and August the staff set up pumps and watered the plants for 19 hours/day for 63 straight days. The pumps ran continuously except between 2:00 am and 7:00 am.



One of the four fish reefs with submerged aquatic plants - providing outstanding fish habitat and recycling of nutrients by rooted plants, rather than planktonic algae.





When the lake was drained for more than two years many willows took over the basin. Most of the lake bed was mowed before re-filling but wet areas prevented access in certain areas so the staff hand cut and removed about two acres of willows emerging from the new lake surface.







Thousands of people began using the lake immediately after the restoration and many groups attended programs where staff explained the restoration process and best management practices that were implemented.

Left: The University of Iowa Retiree's Association toured the lake restoration project and learned about the restoration process.



Below: Beach users are especially happy with the restoration effort and enjoy the clear water.







The restoration effort included improved accessibility features (top) and many native plantings focused on reducing unfiltered runoff entering the lake. Bio-cells in parking areas, buffer areas around drainages and wetland plantings in nine new catch basins are all doing well. The planting also have tremendous benefits to pollinators and wildlife that depend on wetland and prairie habitat types.





# FISH STOCKING AT KENT PARK LAKE

## SPRING 2019:

- . DNR stocked 1,820 Largemouth Bass (2") in June . These fish are growing in the lake and will spawn in the lake when they reach adulthood.
- . 12,000 (2") Bluegill were stocked in March 2019.
- . 2,600 Channel Catfish were stocked (2") in June. As these fish grow, they will reproduce in the lake. DNR plans to supplement stockings of catfish every other year.

## SUMMER AND FALL 2019:

- . 6,000 (2") Redear Sunfish were stocked in August of 2019
- . 468 (7") Channel Catfish will be stocked in October.

## PLANNED 2020 STOCKING:

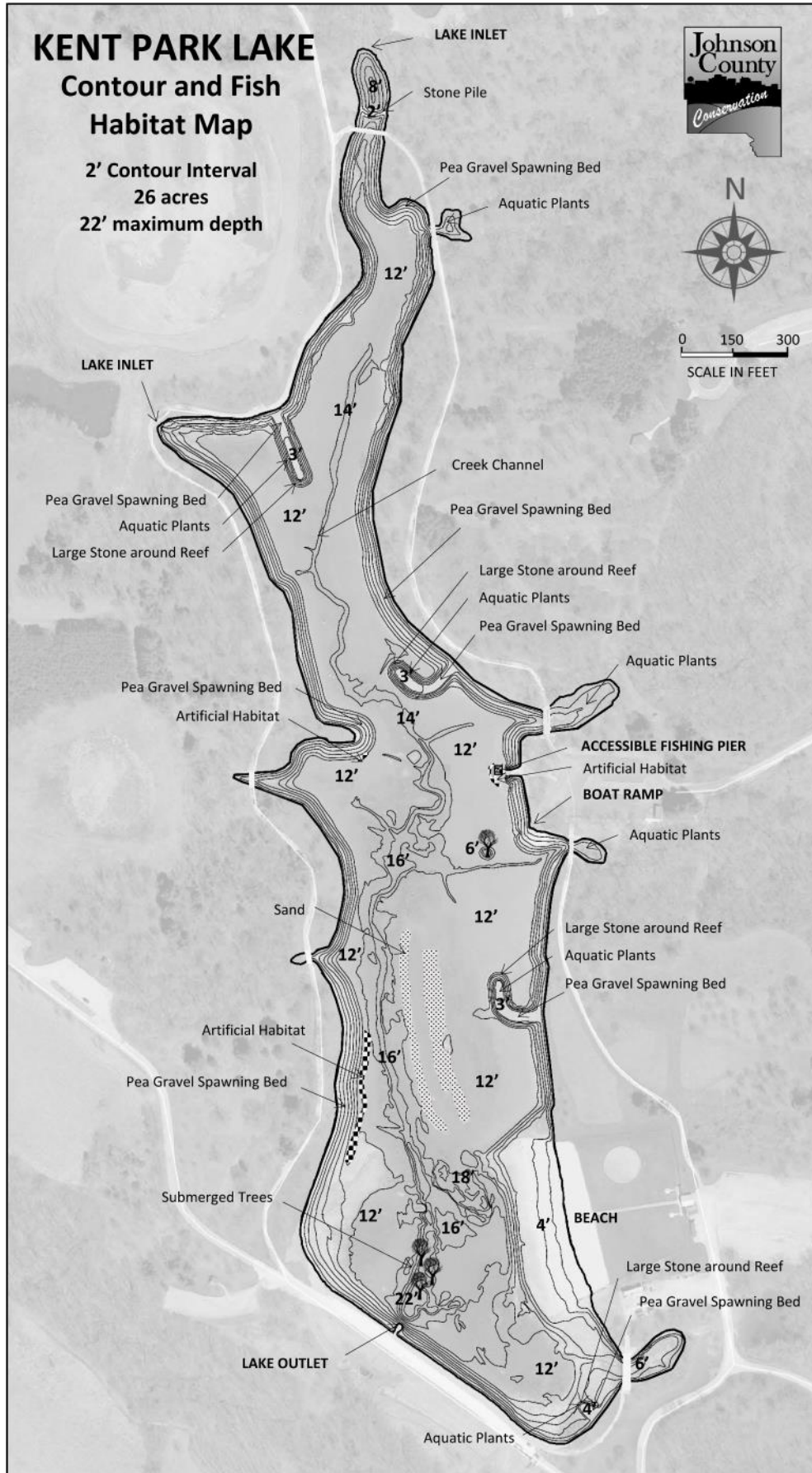
- . Stock Black Crappie in the spring of 2020.





# KENT PARK LAKE Contour and Fish Habitat Map

2' Contour Interval  
26 acres  
22' maximum depth



An updated contour map of the lake basin with fish habitat and structure was developed for anglers. The depths, reefs, spawning beds, artificial structures, submerged trees and areas of sand are all delineated.



# KENT PARK LAND ACQUISITION







Fence work was needed on the Meyer addition—removal of old fence, construction of new fence, fabrication and installation of a new field entry gate and new culvert.



An old well used to provide water to the barn in the 1930's was abandoned years ago. Located on a natural wetland seep, the well was contaminated with surface runoff. The well lining was removed, filled with bentonite and site restored to its native condition for restoration of a wetland seep plant community.

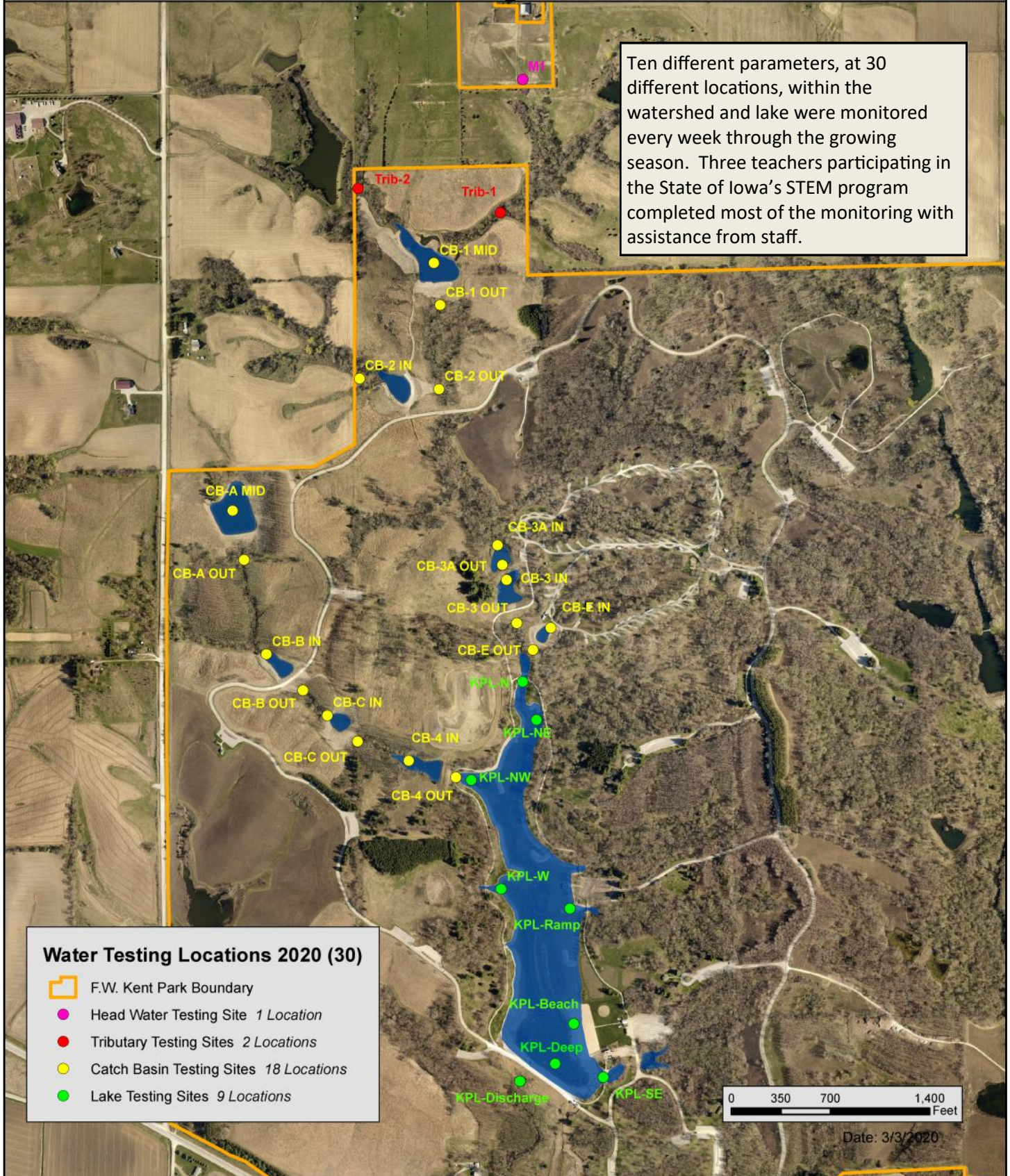




# F.W. Kent Park Water Testing Sites 2020



Ten different parameters, at 30 different locations, within the watershed and lake were monitored every week through the growing season. Three teachers participating in the State of Iowa's STEM program completed most of the monitoring with assistance from staff.





# Water Monitoring Results—Kent Park Lake



The State of Iowa has not adopted nutrient level standards for surface waters, but limnologists and other water quality scientists use .035 mg/liter as a goal for phosphorus concentrations. The two charts below represent the sampling results for two days during the growing season. The phosphorus levels in the first chart (May 26, 2020) document a concentration of about .100 mg/liter, which is about 3 times the recommended goal. The second chart (July 6, 2020) documents no detectable amount of phosphorus in the lake's water column. This is encouraging as excess phosphorus was the primary cause of degraded water quality before the lake restoration effort.

Picture: Staff hike into areas within the watershed to monitor water quality.

## F.W. Kent Park Field Form Kent Lake

Date: May 26, 2020

Estimated Rainfall Past 24 hrs (in) .55

Sampled By Blake Harris Nick Houg

Tim Kurt

Meters Calibrated BY Tim Kurt

Weather at time of Sampling 75° 15% Cloud Cover SE 8 mph

Standards				5 mg/L		6.5-9	.9 mg/L total	.9 mg/L total	.035 mg/L	35 µg/L	
Location	Time	Temp. C°	Temp. F°	D.O. (mg/L)	Transparency Tube (cm)	pH	Nitrate (mg/L)	Nitrite (mg/L)	Phosphate (mg/L)	Phosphate (µg/L)	Ammonia -N (mg/L)
KPL-N	8:29	22		8.74	2.1	8.49	0	0	0.11		0.1
KPL-NE	8:36	22.1		8.85	2.6	8.52	0	0	0.11		0.1
KPL-NW	8:49	21.8		9.04	3.05	8.52	0	0	0.1		0.1
KPL-W	8:56	21.5		8.49	>3.60	8.49	0	0	0.19		0.1
KPL-Ramp	9:02	21.3		8.5	3.75	8.5	0	0	0.11		0.1
KPL-Beach	9:25	29.2		9.34	3.65	8.55	0	0	0.12		0.1
KPL-SE	9:22	19.3		11.73	>2.40	8.56	0	0	0.08		0.1
KPL-Deep	9:15	21.4		9.78	3.6	8.54	0	0	0.08		0.1
KPL-Discharge	12:26	24.8		5.2	N/A	8.01	0	0	0.7		0.1

Notes :

## F.W. Kent Park Field Form Kent Lake

Date: July 6, 2021

Estimated Rainfall Past 24 hrs (in) 0"

Sampled By Karla Lopez Susanna Ziemer Trent Slemmons

Meters Calibrated BY Trent Slemmons

Weather at time of Sampling 25° Sunny Wind: N 3mph.

Standards				5 mg/L		6.5-9	.9 mg/L total	.9 mg/L total	.035 mg/L	35 µg/L	
Location	Time	Temp. C°	Temp. F°	D.O. (mg/L)	Transparency Tube (cm)	pH	Nitrate (mg/L)	Nitrite (mg/L)	Phosphate (mg/L)	Phosphate (µg/L)	Ammonia -N (mg/L)
KPL-N	7:30	28.9		7.4	2.5	8.23	0	0	0		0.1
KPL-NE	8:00	29		7.7	2.6	8.48	0	0	0		0
KPL-NW	8:30	29.1		7.71	2.55	8.51	0	0	0		0
KPL-W	9:00	29.2		7.5	2.2	8.54	0	0	0.03		0.1
KPL-Ramp	9:30	29.2		10.32	>2m	8.59	0	0	0		0
KPL-Beach	10:00	29.2		10.72	>2m	8.58	0	0	0		0
KPL-SE	10:30	29.1		8.2	>3m	8.57	0	0	0		0.1
KPL-Deep	11:00	29.2		8.62	>2.9m	8.62	0	0	0		0.1
KPL-Discharge	11:30	30.3		4.85	>60	8.47	0	0	0.02		0.1

Notes :  
 Ramp, Beach, SE bottomed out Secchi Readings (Super Clear!)  
 Very notable increase of water plants reaching surface of lake.  
 Very notable increase of water plants reaching surface of lake.  
 This is very notable on fish reef and along shorelines and even in middle.  
 A large amount of floating algae (Perhaps detached from water plants?)  
 Photos taken of sampled/most common visible water plants.  
 A notable increase of visible small fish today as well in every location in the lake.

Phosphate amount over all a lot lower than n normal.

Ammonia readings lower than normal.



## Hoover Trail—Phase 3



Twenty-five years of hopes and dreams became a reality during FY20. Signage and rest areas along the Phase 1 & 2 segments of the Hoover Trail were completed. Major construction of Phase 3, the final connecting link, were 90% completed along Highway 382 and the Ely Road. The only major construction elements remaining are the tunnel underpass along the Ely Road and connection to the Atherton Wetland parking area.







Phase 3 construction features were challenging with completion of a 12' height x 1,670' length retaining wall along the Ely Road, crossing Highway 382 at a new round-a-bout and construction of 2 miles of trail within the right-of-way of two county highways.





# Sutliff Operations Center



Phase 1 construction of the new shop at Sutliff was completed in FY20, culminating a 3 year planning and preparation process. Eight different areas in the NE portion of Johnson County are maintained from this facility.

Below: The new shop includes in-floor heat with zone control options.







The building is 110' x 60', providing 6,600 sq. ft. of shop space, includes 3 bays, one hydraulic lift and 3 bay doors, each 14' width by 14' height.



Right: Staff worked from a temporary construction trailer for 3 years while the new shop was designed and constructed.





Staff excavated, formed, helped pour and finish the concrete apron accessing the east side of the building and bay doors.







Staff also excavated, formed, helped pour and finish the entry drive apron off of Sutliff Road. The connecting drive to the building will be finished as part of the Phase 2, office and voting precinct.







Work benches, cabinets and tool hanger racks were made from lumber milled at Cangleska Wakan. The rough cut lumber was planed and sanded as part of the construction process. Wood types include white and red oak, walnut, cherry, hickory and ash.





# **Education Program**

**Presented 126 Programs to 4,112 Participants**



A naturalist with the next generation.



## Idaho Wilderness Trek







Seasonal naturalist Lavonne Christiansen leading a "Creek Stomp" at Cangleska Wakan in June 2020.



Families and friends from different households would meet along The Storybook Trail for social outings that were safe amid the pandemic.





A junior high student from CCA's inaugural Outdoor Education Class releases a just-tagged monarch during a monarch-focused fieldtrip with JCC.



Frances hosted a Fungus Forray at Cangleska Wakan in partnership with the Prairie State Mushroom Club.





The JCC Education Team has participated in the Iowa River Clean Up for many years. In FY20, JCC took over the main leadership role for organizing and hosting this event. Over 100 volunteers attended to help with trash removal and transport, and in over the course of the one-day event, 5.6 tons of trash, including 55 vehicle tires, were removed from the river.





After the pandemic and social distancing guidelines, the naturalists scrapped all spring and summer programs, camps, and trips. In order to provide programming (and mental relief) for residents, the naturalists modified programs to lead one family at a time through exploratory activities. Though fewer people were served, each program provided intimate and meaningful connections with individual families.





Throughout FY20, the Education Team served 4112 people over 126 programs and field trips.





Over the past five years, the naturalists have worked to further diversify the ages of participants served through programming. In FY15, 64% of people served were elementary-aged people, while adult programming made up 5% of programs and preK programming made up 6%. In FY20, 14% of people served were elementary students, while adults served made up 22% and preK made up 11% of all programming. Though the pandemic altered the overall proportions, there is still much greater levels of diverse programming today compared with five years ago.



## Cangleska Wakan



Filming and video archiving the oral history of Cangleska Wakan was completed in FY20. Dick Schwab, Katherine Burford and Jerry and Carol Mennenga, were interviewed and filmed as they told stories about the history of the site. The Mennenga's restored the caboose and other railroad memorabilia on site.



Dick and Katherine recommended the name *Cangleska Wakan*, which is a Lakota name meaning “Sacred Hoop”, referring to the interconnectedness of all things. “With the round barns, labyrinth, arch, seasons and cyclic nature of all things the name is appropriate for the site,” said Dick.

Before officially adopting the name and to get authorization from the Native people, Nate Scates of the Iowa Tribe of Kansas and Nebraska, visited the site with his family and sang a song to begin the naming process.

Pictured L to R: Carsi Scates (ska gish ek), Nate Scates (uk eeg rray), Sobie Scates (shish keis), Lillian Scates (he tha gay me), Anna Scates (mon nee ka mae). Nate is a drum maker and singer and the hand drum he used to sing the song is now part of the place.

## Lakota Intertribal Song

Iyokpia najielo

Lakota Oyate iyokpia najielo

Iyokpia najielo,

Cokata iyokpia najielo

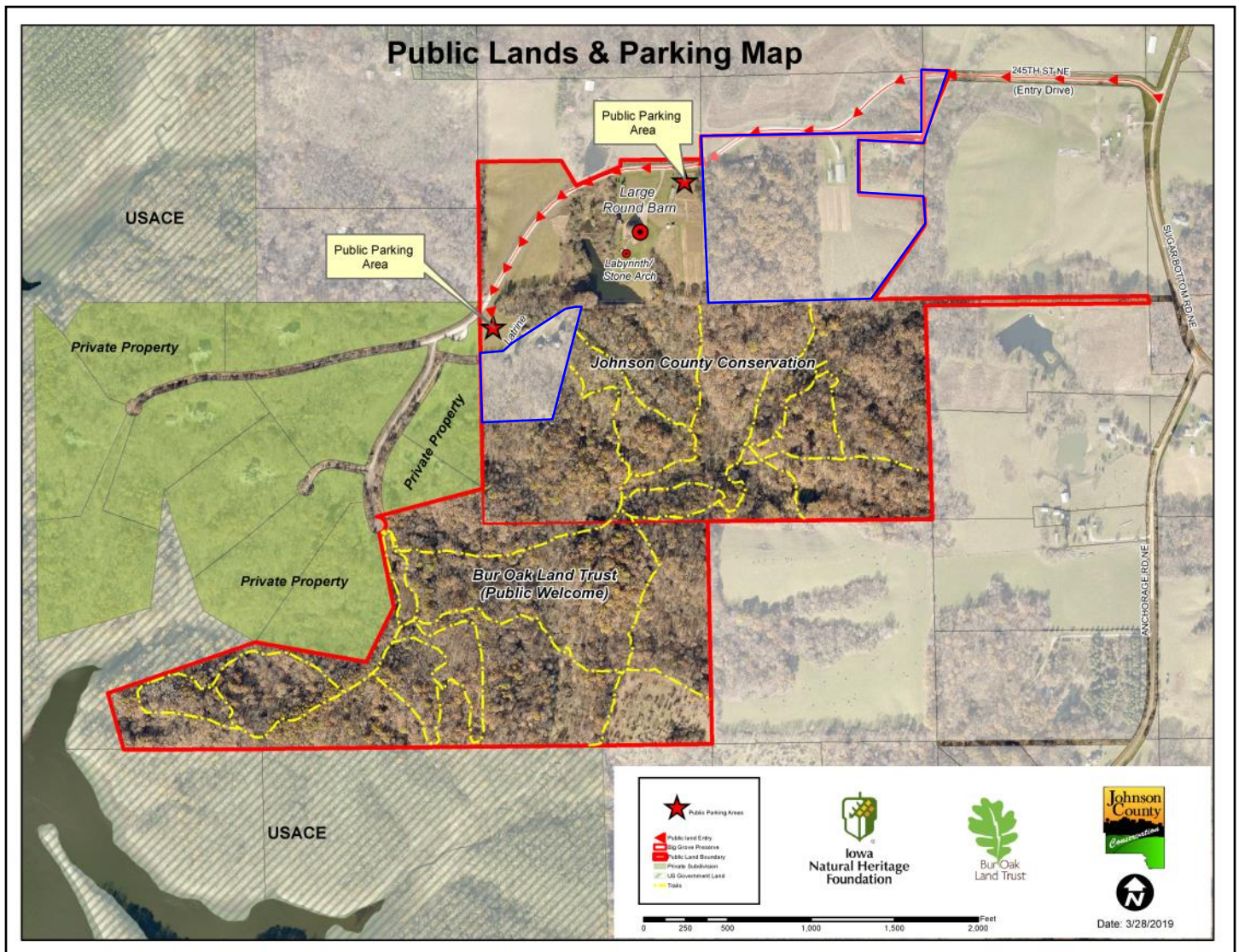
They are standing,

Out in the center,

They are standing.

They are happy.





The Conservation Board completed the acquisition of the final 33 acres, from the Iowa Natural Heritage Foundation on January 31, 2020. The total project area is 132 acres. Areas outlined in blue were included in the 33 acre, final acquisition.

The Board also acquired the caboose, a baggage cart and hand cart for interpretive programming purposes from Jerry and Carol Mennenga.



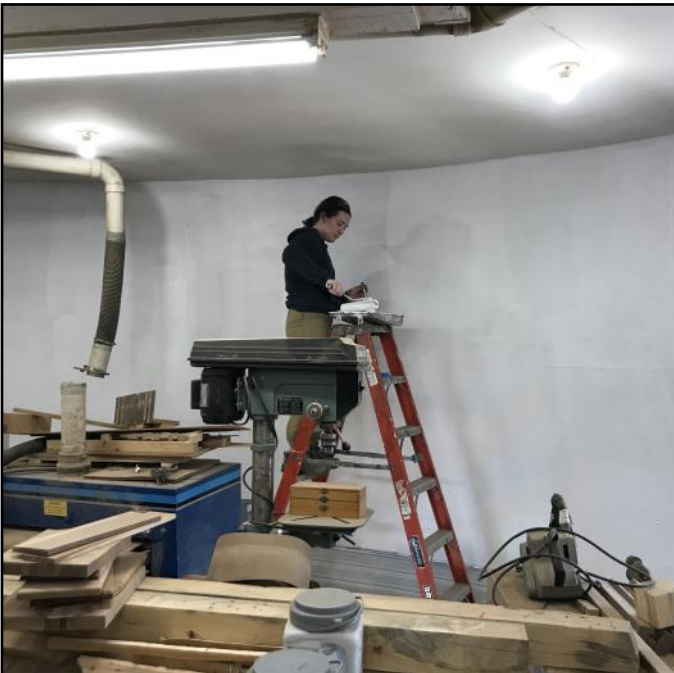
## Concept Planning

To transition the site from private to public use a concept planning process was initiated and the first meeting of a planning advisory committee was held on June 23, 2020. Officials from Shive-Hattery and staff toured the site several times to begin the planning process.





Staff remodeled the wood shop to gain more space by removing two walls, installing beams to support the floor above the shop, install LED lighting and new wall coverings in select areas and around the wood burner.







The Eastern Iowa Airport sponsored the Wings2Water initiative to address water quality issues in Johnson and Linn counties. The initiative was launched on October 15, 2019, at the airport. Corporate and individual donors contributed more than \$11,000 to address water quality issues at Kent Park Lake and Cedar River Crossing. Lisa Green-Douglass, Supervisor and Brad Freidhof, Conservation Program Manager spoke at the event.





# Prairie & Wetland Seed Harvest



Many volunteers helped collect seed, including seed from some uncommon species of prairie and wetland plants. Lois Albricht, Volunteer and the education staff scheduled, coordinated and host public and school seed harvesting programs through the week and on weekends. This seed is invaluable in restoration efforts as much of the seed is from original Johnson County native prairies and wetlands and cannot be purchased through seed dealers.



**Hand Harvested Prairie & Wetland Seed**  
**October—December 2019**  
**39 species**

**141 pounds of forbs, grasses, sedges, legumes**  
**\$21,978 value**

**Combine Harvested Bulk Prairie Seed**  
**November 2019**

**1,092 pounds of forbs and grasses**  
**\$65,520 value**

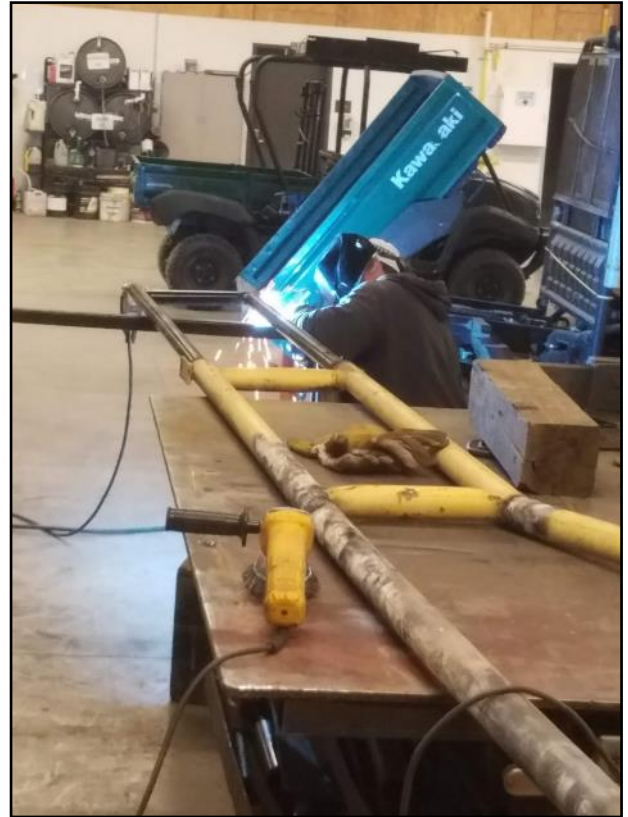




# Operations and Maintenance Facts and Figures

In addition to implementation of special projects the staff also maintained 18 properties during the year. The following is a partial list of what the staff maintains and operates throughout the year.

- 18 properties totaling 2,486 acres.
- 59 miles of park boundaries.
- 48.5 acres of turf at 13 areas
- 4 operations buildings at 4 areas
- 29 water control structures at 4 areas
- 12.5 miles of hard surface trail on 4 different trail systems.
- 2 staging areas to access 25 miles of water trail.
- 1,234 signs at 18 properties, including
  - 1,198 regulatory signs,
  - 21 interpretive signs, and
  - 15 entry signs.
- 3 campgrounds at three areas.
- 123 campsites
  - 101 electric sites
  - 27 non-electric sites.
- 61 roofed structures at 7 different areas, including but not limited to
  - Youth Group Lodge
  - 7 picnic shelters at two sites.
  - 4 gazebos including the Knight Prairie Pavilion.
  - Bird Blind at Kent Park.
  - 4 round barns and one double round barn
  - 20 vault toilets at six areas.
  - 11 operations related structures
  - Administration bldg. at Kent Park
- 274 picnic tables.
- 145 fire ring/grills.
- 22 drinking fountains – indoor and outdoor
- 10 modern restroom facilities at three areas.
- 4 playgrounds at two areas.
- 4 boat ramps at four areas.
- Two miles of gravel road.
- 6.7 miles of hard surfaced roadway (chip seal and asphalt)
- 35 parking areas at thirteen areas – covering 8.3 acres and parking for 878 vehicles
- 19 trail bridges
  - 9 - historic bridges on pedestrian trails at two areas
  - 2 - Kent Park Conservation Education Center trail
  - 1 – Frytown Trail
  - 4 – Clear Creek Trail
  - 3 – Hoover Trail
- 9 wells at seven different areas.
- 11 waste water systems at four different areas.
- 27 HVAC systems
- 2 commercial walk-in coolers
- 31 hand sanitizer units at two areas.



Operations and maintenance staff fabricating the new entry gate for the Meyer Addition to Kent Park by modification of an old gate in stock.

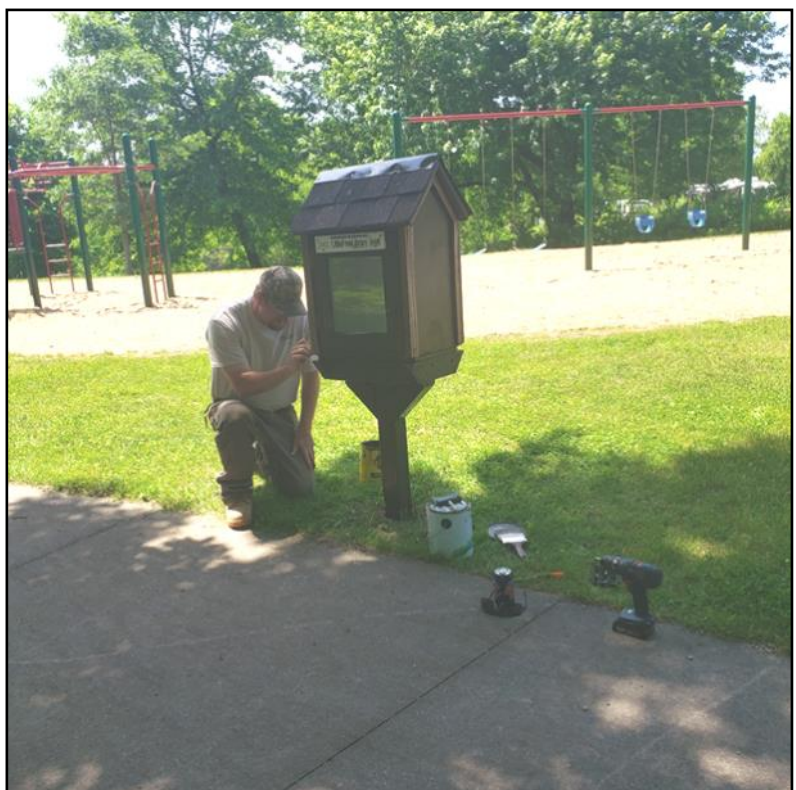


- 13 water heaters.
- 21 electrical transformers.
- 4.24 miles of electrical line.
- 3.61 miles of water line in seven areas.
- 2.68 miles of fiber optic cable.
- 660 feet of LP gas line.
- 21 septic tanks with a combined capacity of 26,000 gallons.
- 10 bulk fuel tanks at 4 areas.
- 24 vehicles.
- 43 other types of motorized equipment, including
  - 18 utility vehicles (UTVs).
  - 11 turf mowers.
  - 5 tractors,
  - 1 backhoe,
  - 1 bull dozer.
  - 3 dump trucks.
  - 5 skid loaders.
  - 14 antique tractors
  - 5 antique cars.
- 14 trailers.
- 10 sprayers including prairie burning and herbicide application
- 40 other pieces of specialty equipment for park management (forestry mulcher, seeders, grapples, disks, harrows, etc)



Dave Gustafson, Utility Person, repairs an electrical pedestal in the campground. Maintaining the electrical system and inspecting campground service pedestals at Kent Park and Hill's Access Campground requires continual attention. Each time Hills Access Campground floods the entire electrical system is shut down, inspected, cleaned and then re-energized.

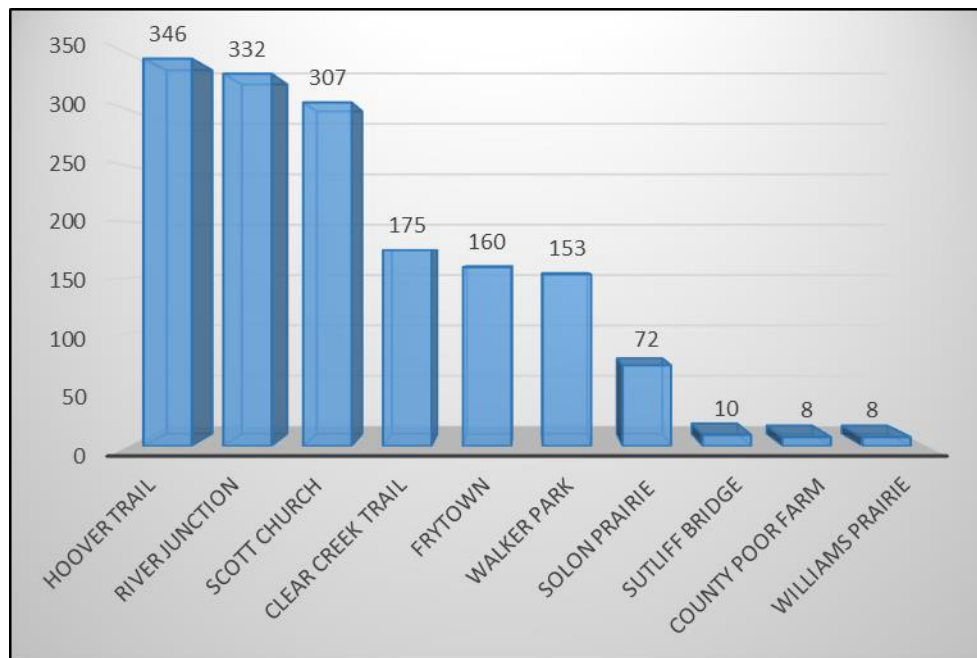
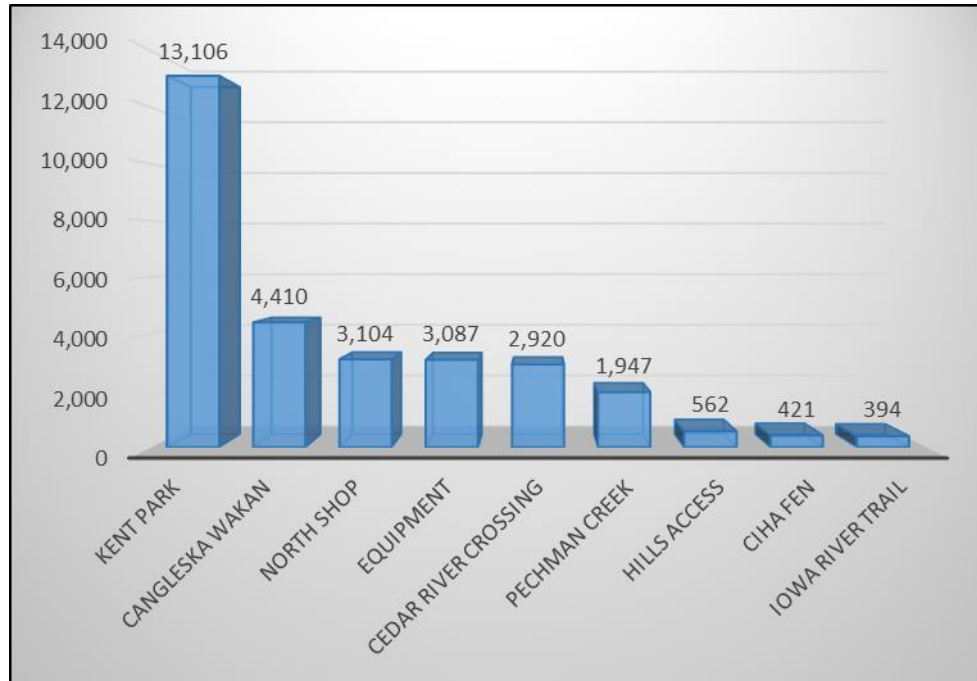
Below: Park Ranger Intern Jacob Moss restores the "Little Library" in the Campground



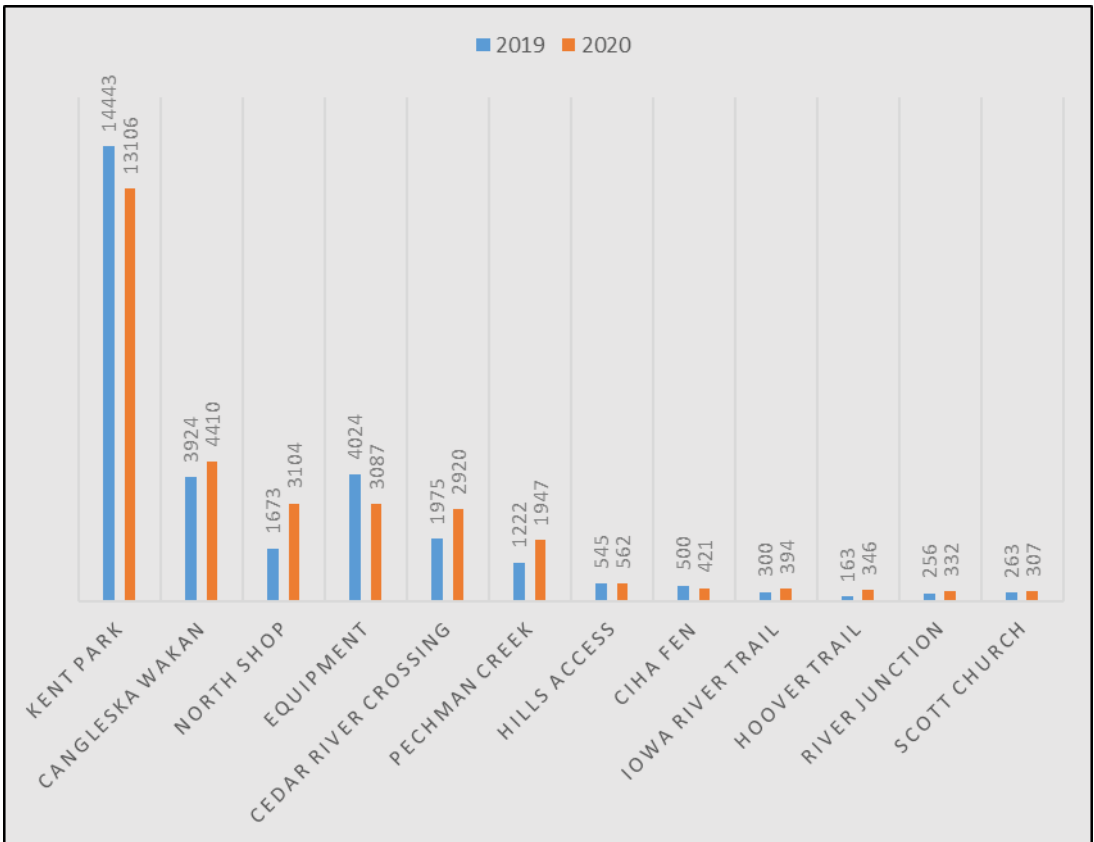
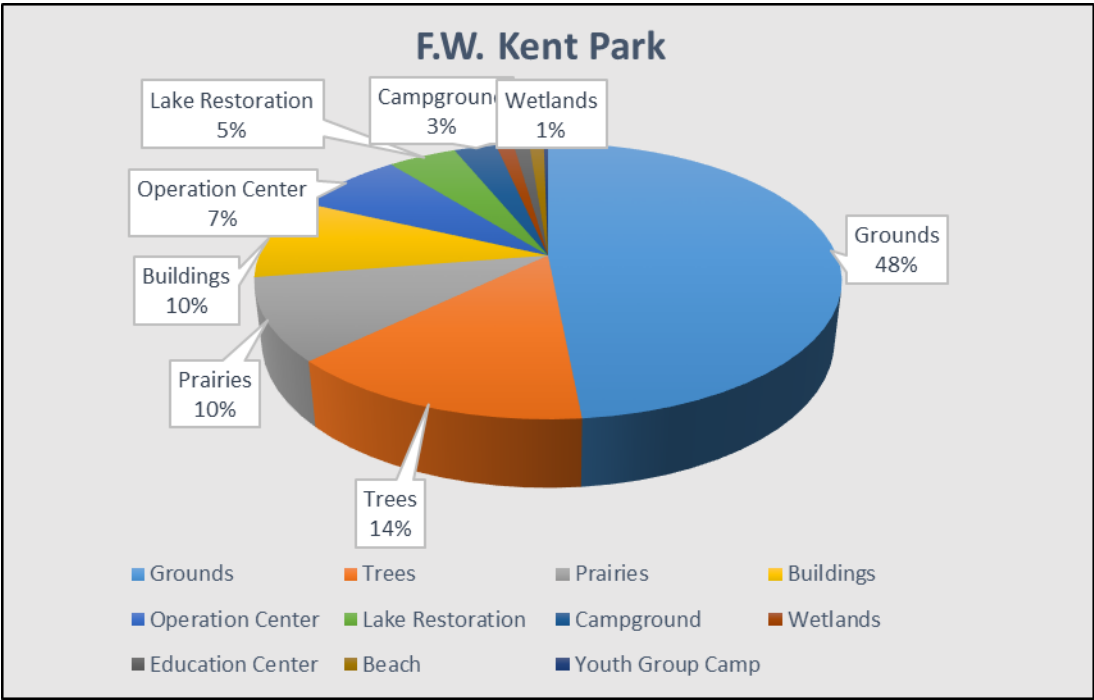


## Labor Report per Area

The following graphs and charts are provided to show comparisons related to how much time the staff spends in different areas throughout the County. The information is related only to hourly employees and not program area supervisors or employees that are exempt from FLSA.









# Environmental Education Report

Compiled by: Naturalists Kristen Morrow, Frances Owen

## Strategic Plan Connections



- The naturalists worked with six different school groups on restoration projects throughout FY2020. Restoration projects focused on seed collection. Combined, these programs engaged 229 students in restoration activities, and totaled 114.5 hours of volunteer work.
- Several public volunteer programs focused on restoration were hosted by the naturalists and partners, including the Iowa River Clean Up and numerous seed harvests. Collectively, 164 people attended these events, contributing 928 restoration hours.



- The naturalists engaged 4112 people in programming in FY2020.
- There were 72 public programs organized in FY2020, the highest number of public programs hosted by JCC naturalists in a year.
- In response to COVID-19, the naturalists created a blog for JCC to continue providing enriching content and exploration guidance in a remote format. 4,254 individual readers visited the blog in 2020, with the majority of those visits taking place from April to June.



- The naturalists provided wetland and water quality lessons to 7 school groups and school STEM festivals, engaging 449 students.
- The Paddle in the Park series continued in July and August of 2019, and started again in June of 2020. This program combines paddling with water quality testing and education. It reached 96 people in FY20.



- The naturalists sustain numerous partnerships with community organizations and agencies. In FY2020, the naturalists partnered with groups including Milkweed Matters, Iowa County Conservation, the City of Iowa City, the Iowa Department of Natural Resources, Take a Kid Outdoors (TAKO), Hike It Baby, Grant Wood AEA, Coe College, and Project Green on collaborative programs and events.
- In 2019, JCC took over leadership for the Iowa River Clean Up, a collaborative event organized by other partners including the City of Iowa City, the City of Coralville, and the City of North Liberty.



- Sustainability is woven into all aspects of JCC's educational programming – from the materials used for classes, to the topics taught in events and fieldtrips. Another primary way that the naturalists are working towards greater sustainability is by continuing the advocacy for native plantings.



## FY2020 Major Accomplishments



Idaho Wilderness Trek

### **Idaho Wilderness Trek:**

Naturalists Kristen Morrow and Frances Owen, along with Seasonal Naturalist Ian Perkins, led JCC's third independent Idaho Wilderness Trek. 10 local high school students were accepted for the trip. JCC was able to offer three full scholarships to students with financial need.



Storybook Trail

**Storybook Trail:** Following the pandemic, the naturalists quickly raised funds to create a self-guided storybook trail to help families stay active in safe and socially distant ways. The trail features a weekly storybook displayed on signs spread around the half mile CEC trail loop. This addition was an overwhelming success. Though there is no tracking method, the naturalists observed a steady stream of visitors throughout weekdays all summer and fall.



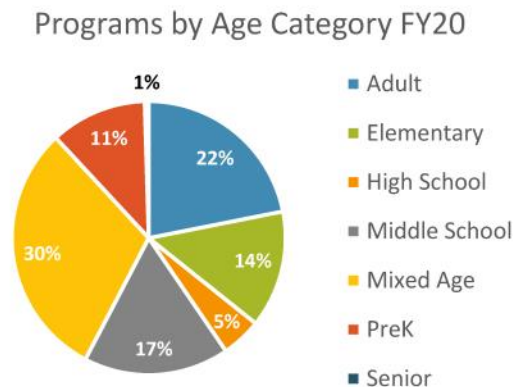
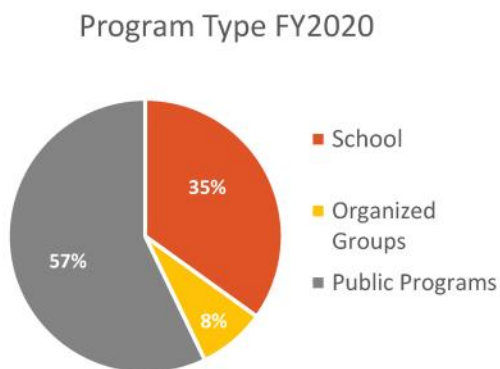
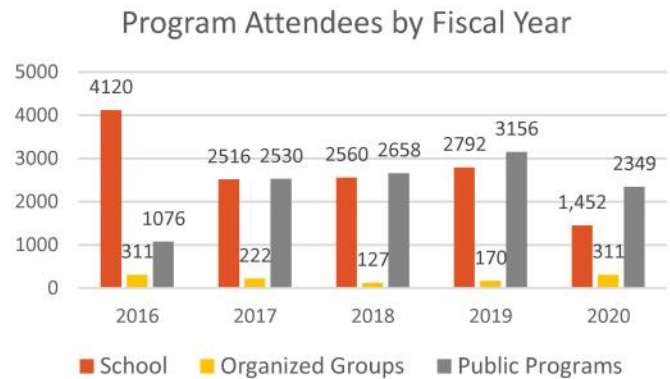
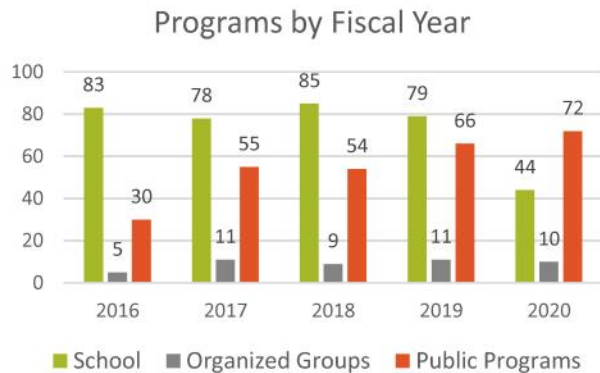
Pandemic Programming

**Pandemic Programming:** After the abrupt shutdowns of all in-person gatherings in the spring of 2020, including JCC's entire spring and summer programming calendar, the naturalists scrambled to create new ways of hosting engaging but safe nature activities. To meet this need, the naturalists set up a full season of programming designed for one family at a time. Four days a week, naturalists would lead 4 to 5 families in hands-on exploratory nature programs, with new topics each week. This set-up introduced many new families to JCC programming, and helped residents explore new county properties that they had never been to.



## Education Programming – By the Numbers

Total people served through direct programming in FY2020: **4112** (33% decrease from FY2019)



### Trends:

**Significant Decrease in Participant Levels:** The large drop in both overall program participation and school field trip programs is due to COVID-19. Starting March 15, 2020 until mid-June, 2020, JCC naturalists and the participating schools cancelled all spring programming. These programs would have served approximately 1500 additional elementary students, based on historical data for that time period. In addition to the cancelled school fieldtrips, JCC cancelled public programming from mid-March through mid-June, and community festivals that JCC regularly participate in were also cancelled. These cancellations would have added an additional 1,000 participants. As society began to understand effective precautions in early summer, JCC began hosting public programs once again, but limited to one family at a time.



Increasing Public Programming: The naturalists have continuously worked to strengthen and diversify the amount of public programs offered over the past few years. As a result, public program participation leaped further into the lead for participant engagement at greater levels than in past fiscal years. Amazingly, despite the three month programming pause in the spring of 2020, the amount of public programs hosted is the highest on record, with 72 programs created and hosted by JCC naturalists.

Diversifying Age Categories: Continuing the trend from FY2019, the age of the participants JCC naturalists serve more diverse than in past year. “Mixed Age,” which encompasses most family-focused public programming, in addition to most home school field trip groups, makes up the biggest proportion of JCC’s program attendees. The proportion of elementary-aged participants dropped significantly, from 25% to 14%; most participants in this category are served in the spring fieldtrip season, cancelled for FY2020. The categories that grew the most were: middle school (from 6% to 17%), high school (from 5% to 8%), and college (from 1% to 5%).



## FY2020 School Programming



Solon High School Industrial Arts class at Cangleska Wakan



Paddling class with CCA Outdoor Ed. Class



Monarch tagging with CCA Outdoor Ed. Class



Tiffin 3<sup>rd</sup> Grade Field Trip



Animal tracking with Wild&Free Homeschool



## FY2020 Public Programming at the Conservation Education Center

The bulk of educational programming takes place out of the CEC, but the naturalists have been working to bring the public out to other JCC properties. The photos below are some of the CEC-based programs, while the following page show program initiatives throughout the county.





## Public Programming throughout the County



Berry Hike at Ciha Fen



Winter Hike at Ciha Fen



Hike it Baby – Clear Creek Trail



Hike it Baby – Clear Creek Trail



Winter Solstice Hike – Cedar River Crossing



Paddle in the Park – Pechman Creek Delta



## Volunteers and Service Learning

By the numbers: **401.5 hours** completed by **86 people**

### Project List:

- Conservation Education Center host
- Bird banding
- Filling bird feeders and brochure racks at F. W. Kent Park
- Prairie seed collection
- Bluebird box monitoring and Bluebird trail overhaul
- Public program development, facilitation, or participation
- Education animal care while naturalists on vacation
- Fieldtrip assistance
- Special projects: harvesting, cleaning, and packing native prairie seeds for distribution to the public; foraging class assistance

**Service Learning with School Groups:** 5 schools participated in service learning, involving 229 students, and completing 114.5 hours of volunteer work. Each of these schools participated in harvesting prairie seeds.

**Note:** Volunteer hours dropped by 30% from FY2019 to FY2020. This drop is caused by the cancellation of events such as The Great Iowa River Race, the spring public bird banding program, and significantly, the cancellation of the spring/summer CEC weekend visitation hours.





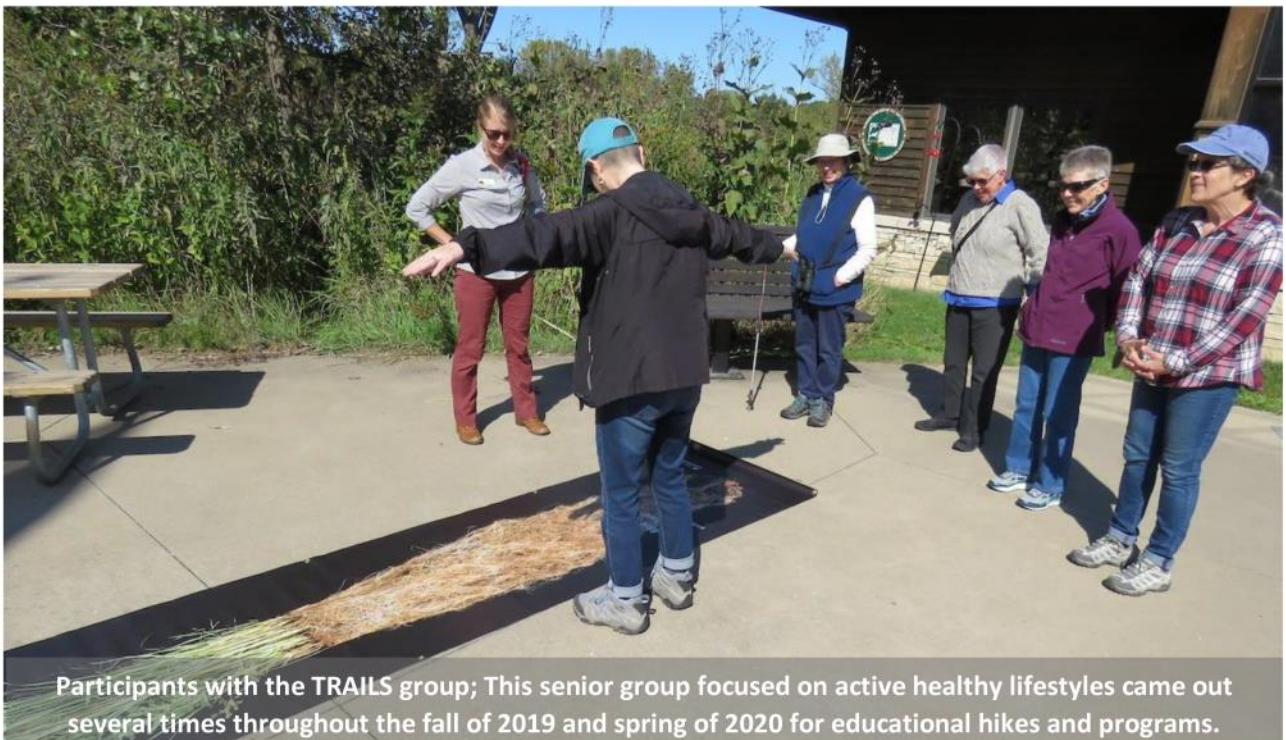


The Idaho Wilderness Trek in 2019 introduced ten more local high school students to Wilderness, helping each student to develop life-long environmental values. This program is annually one of the biggest undertakings, and amid the most meaningful, for the Education Team.





This winter hike at Ciha Fen drew an impressive crowd. This hike was the first in a series, with the others held at Cedar River Crossing and Pechman Creek Delta.



Participants with the TRAILS group; This senior group focused on active healthy lifestyles came out several times throughout the fall of 2019 and spring of 2020 for educational hikes and programs.



# Park Ranger—Visitor Use Report

Compiled by Ranger Charles Bray and Ranger Aaron Ohlsen

## 2020 Season Report

### Camping

Johnson County Conservation has four campgrounds in three separate areas. Kent Park Campground and the Youth Group Campground are both located at F.W. Kent Park. Hills Access Campground is located just east of the town of Hills on 520th Street. River Junction Access is located three miles west of the town of Lone Tree off of Highway 22 in the very Southeast part of the county.

Total of all campgrounds combined: \*Youth Group Campground not included

Camping Permits issued- 3,341

Number of nights sold- 8,870

Number of campers- 10,367

Avg. nights stayed- 1.5

Camper Nights Generated- 15,551

*Overall camping use increased 45% when compared to 2019.*



Campgrounds were extremely busy all season long. The Campground full sign was put up more than any other year on record.



### **Kent Park Camping**

F.W. Kent Park Campground opened on May 8 and closed on December 11 in 2020. Kent Park Campground contains 86 campsites; all sites provide 30 and 50 amp electric service and Wi-Fi internet access at a cost of \$20.00/night per camping unit. A modern restroom and shower facility is available on site to registered campers.

Kent Park Campground did not open until May 8 this season due to restrictions from the Covid-19 pandemic (that's a month later than normal). The campground also closed for two weeks (August 12-26) for cleanup following the 2020 Derecho. Even with a shortened camping season, usage and revenues set an all-time record.

2020 was Bill and Sherry Frantz's fifth season as camp host and they plan to return for a sixth season in 2021. The Frantz's began work on May 5 and ended duties October 18.

#### **Attendance:**

Camping Permits issued- 2,422

Number of nights sold- 6,553

Number of campers- 7,808

Avg. nights stayed- 2.0

Camper Nights Generated- 15,616

Use increased 50% when compared to 2019.



A young boy practicing mowing at the campground.

Kent Park was named "Best Campground" by Little Village Magazine







Hills Access Campground Full

### **Hills Access Camping**

The Hills Access Campground is open year-round and offers 19 total campsites. Hills Access contains 14 campsites that provide 30 and 50 amp electric service at a cost of \$15.00/night per camping unit. Five sites at Hills Access are designated as primitive camping (non-electric) sites at a cost of \$10/night per camping unit.

Hills Access campground did close April 7-May 8, in response to the Governor's proclamation, and the Covid-19 pandemic.

#### **Attendance:**

Camping permits issued- 761

Electric nights sold- 1,740

Non-electric nights sold- 331

Number of Campers- 2,119

Avg. nights stayed- 1.4

Camper Nights Generated- 2,966

Use increased 26% when compared to 2019.

### **River Junction Camping**

The River Junction Access Campground is open year-round and offers 12 campsites. All of River Junction Access is designated as primitive camping (non-electric) sites at a cost of \$10/night per camping unit.

River Junction Access campground did close April 7-May 8, in response to the Governor's proclamation, and the Covid-19 pandemic.

#### **Attendance:**

Camping permits issued- 158

Non-electric nights sold- 246

Number of Campers- 440

Avg. nights stayed- 2.0

Camper Nights Generated- 880

Use decreased 60% when compared to 2019.



## **Youth Group Campground**

The Youth Group Campground is located at F.W. Kent Park. It is open year round and offers five primitive (non-electric) campsites that allow 20 campers per site at a cost of \$25.00/night per site. A heated lodge style building is available in the Youth Group Campground at a rental fee of \$25.00 per day without heat, or \$60.00 per day with heat.

Due to the Covid-19 pandemic most groups rescheduled reservations for 2021.

### **Attendance:**

Number of groups (permits)- 31

Number of campers- 936

Days stayed (sold)- 93

Average days stayed- 3.0

Camper days generated- 2,808

Use decreased 45% when compared to 2019.

### **Group Use by month:**

Jan-4 Feb-5 Mar-2 Apr-2 May-2 Jun- 3 Jul-0 Aug-4 Sep-2 Oct-4 Nov-2 Dec-1



Scouts pulled an impressive amount of the invasive Garlic Mustard out of Kent Park woodlands. Many of the groups that camp in the Youth Group Campground volunteer many hours to make the park a better place.



## Visitor Assistance and Interaction

Full time Park Rangers are Certified Peace Officers through the state of Iowa. A main focus of Park Ranger Staff is visitor assistance. Throughout the year Ranger Staff make contacts with the public, perform public service duties, and assist other agencies as requested. Iowa Certified Peace Officers are required to attend and document a minimum of 12 hours of annual training in addition to annual firearms qualification and annual Emergency Care Provider training to maintain Peace Officer Certification. JCCB Rangers acquire well over the 12 hour minimum required annually.

### 2020 Training:

- Visitor Protection and Employee Safety
- Daytime firearms qualification
- Legal updates for Fish, Game, and Parks
- Iowa Law Enforcement Emergency Care Provider training and updates
- Mental Health Awareness mandated training
- Commercial Pesticide Applicator recertification
- Annual Wildland Firefighter refresher
- Storm Spotter
- Sexual abuse, mental trauma recognition

Much of the day to day contacts and public service duties Park Ranger Staff perform do not make it to the yearly report, however many interactions are recorded and documented through dispatch and Tac.10 software. Below is a list of some of the documented interactions Ranger Staff had in 2020.



JCC employee Paul Bouska assists Ranger Aaron Ohlsen in getting a vehicle unstuck that went off the roadway and into the timber at Kent Park. No one was injured in the accident.

Park Ranger Intern Jacob Moss practices a vehicle unlock. Several times throughout the summer, Ranger staff assist park users who have locked their keys in their car.







A busy day at Kent Park Beach. Rangers monitor visitor numbers by managing traffic counters in parks and along trails throughout the county. During the hot days of summer in 2020, up to half of the people visiting Kent Park were accessing the beach.

### **Documented public interaction: Two full-time Rangers logged 279 calls for service through the Johnson County Dispatch Center**

Many calls for service not initiated by dispatch start as “out with a subject”. Depending on the interaction the call can change to a different type of call. An example would be a call that began as out with subject, could upon further investigation become a motorist assist or intoxicated pedestrian call.

- 1 Assist with high speed vehicle pursuit
- 1 Vandalism report
- 26 Covid-19 related calls
- 39 Motorist assist
- 4 motor vehicle accidents
- 14 Vehicle door unlocks
- 45 Parking complaints
- 20 Written warnings
- 30 Citations
- 6 trespass warnings issued for JCCB areas
- 8 Campground evictions
- 10 Park Evictions
- 8 Public Assist
- 6 Medical calls (1 AED deployment)
- 3 Property Seizures
- 6 Crisis center referrals
- 1 Bike Accident
- 4 Hunter Education Classes



## 2020 F.W. Kent Park and Hills Access Traffic Counter Summary

During the 2020 season a new traffic data collection method was implemented. Data will now be collected by the TRAFx counters. TRAFx counters are used all over the world, but more importantly they are used by other agencies in our area, and are now the standard method of collection in parks. We will be able to share and compare data with any agency that uses TRAFx. The TRAFx counter at Kent Park will stay active year round. This is a great advantage over seasonal data collection only. The TRAFx counter was run simultaneously for one month with the old style counter to ensure accuracy.

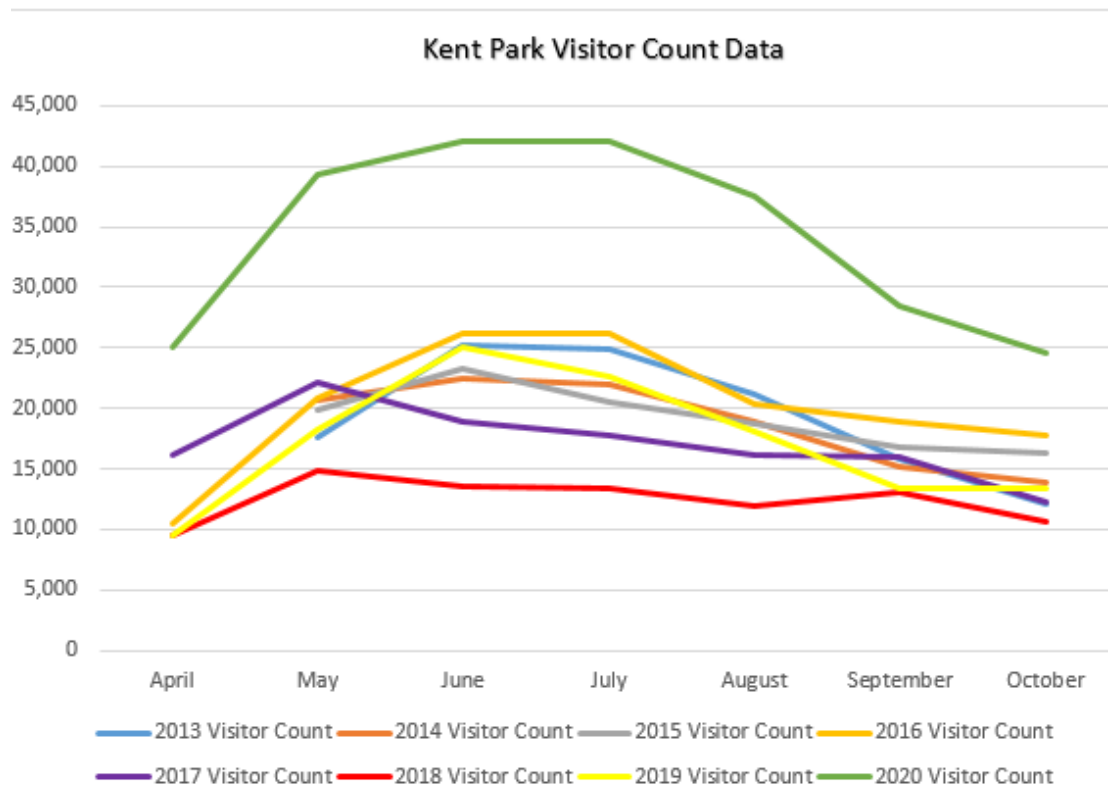
### Kent Park:

Data showed a large increase in vehicle and visitor numbers when compared with any previous year on record. **The 2020 season showed a 49.6% percent increase when compared to the 2019 season.** Amidst the Covid-19 pandemic, there was a documented large increase in usage throughout the park and the vehicle and visitor numbers collected by the traffic counter reflect that. The graph shows 2020 as the highest visitor numbers collected, presumably due to the lake being at full pool, an increase in amenities that weren't previously available during the lake restoration project, and the Covid-19 pandemic.

Month	2018 Vehicle Count	2018 Visitor Count	2019 Vehicle Count	2019 Visitor Count	2020 Vehicle Count	2020 Visitor Count
April	3769.6	9424	3804.4	9511	9993.2	24983
May	5929.6	14824	7326.8	18317	15723.2	39308
June	5418.4	13546	9993.2	24983	16849.2	42123
July	5336.4	13341	9062	22655	16803.6	42009
August	4748.8	11872	7266	18165	15005.2	37513
September	5225.2	13063	5366.8	13417	11368	28420
October	4246.4	10616	5327.6	13319	9822	24555
<b>Totals</b>	30904.8	77262	48146.8	120367	95564.4	238911



The graph below highlights the increase in visitor counts at Kent Park in 2020 with data from the past seven years.



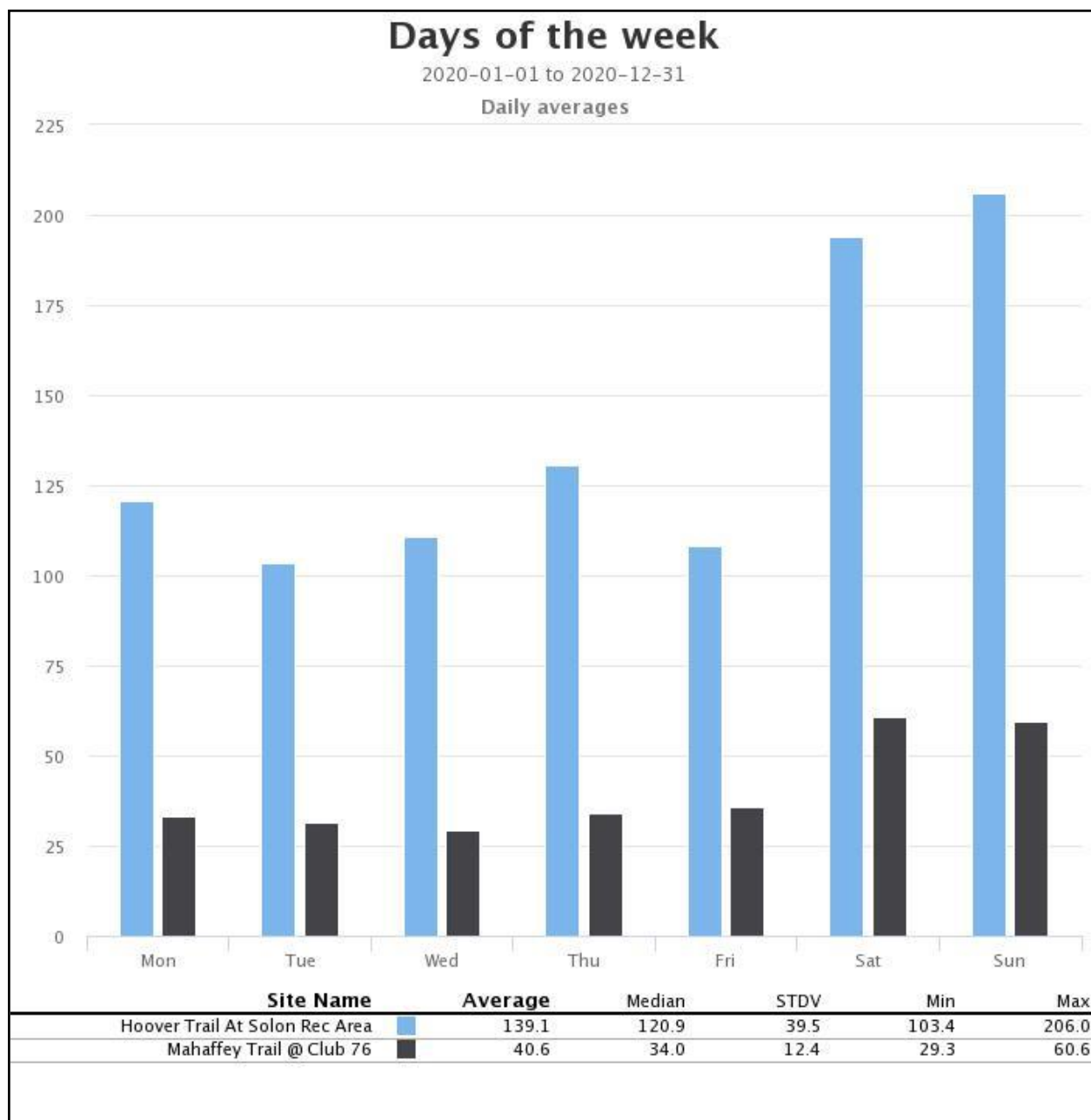
#### Hills Access:

In 2020, there was a documented significant increase in usage throughout the park and the vehicle and visitor numbers collected by the traffic counter reflect that. **The 2020 season showed a 51% percent increase when compared to the 2019 season.**

Month	2018 Visitor Count	2018 Vehicle Count	2019 Visitor Count	2019 Vehicle Count	2020 Visitor Count	2020 Vehicle Count
April	4711	1884.4	2380	952	3010	1204
May	6855	2742	5931	2372.4	13154	5261.6
June	6850	2740	6763	2705.2	10088	4035.2
July	6931	2772.4	7136	2854.4	6992	2796.8
August	5893	2357.2	5911	2364.4	16625	6650
September	4214	1685.6	3878	1551.2	13255	5302
October		0	2550	1020	8770	3508
<b>Totals</b>	<b>30743</b>	<b>12297.2</b>	<b>34549</b>	<b>13819.6</b>	<b>71894</b>	<b>28757.6</b>



**Hoover and Mahaffey Trails:** In 2020, two TRAFx trail counters were installed. One was placed on the Hoover Trail at the Solon Recreation Area and the other counter was installed on the Mahaffey Trail by Club 76. The graph shows average counts for days of the week. As expected, weekends show higher usage than weekdays. These counters will stay active through the winter in an attempt to collect snowmobile usage. Snowmobiles are allowed on these particular trails.





## 2019-20 F. W. Kent Park (Zone 26) Archery Hunt

The 2019-20 F. W. Kent Park Archery Hunt (Zone 26) opened on October 1, 2019 and closed on January 10, 2020. There were thirty slots available to participating hunters this year. The slots were offered on a first come first served basis. Of the thirty slots, twenty two were filled at the orientation. According to our records, three of the twenty two hunters chose not to buy a license to participate in the hunt after attending the required orientation.

As in years past, one hundred antlerless tags were available for the duration of the hunt. Three incentive (any-deer) tags for next year's hunt were available to the first three hunters to harvest three female deer. Three hunters succeeded in harvesting at least three female deer, incentive tags are available to them at the beginning of the 2020-21 hunt.

There were three hunters that earned incentive, any-deer tags, during the 2018-19 hunt, they began the 2019-20 season with the incentive tags, and one of the three hunters were successful in harvesting a mature buck

### Break Down of 2019-20 harvest:

Adult Does-10

Fawn Does-5

Fawn Bucks-7

Adult Bucks-1

Total Harvest-23 (28% decrease from 2018-19 harvest)

F.W. Kent Park—buck harvested in the 2019-2020 season by Jim Niemeier





# Johnson County Conservation Board

## 2020 Special Use Permits Issued

Under Section 26 of the Johnson County Conservation Board Rules and Regulations, certain events and activities may only take place on Johnson County Conservation Board controlled property after a fully executed special use permit is issued and approved by the Johnson County Conservation Board Director or authorized representative.

### Section 26. Events and Activities Requiring Special Use Permits:

It shall be unlawful to engage in any activity listed below on any board controlled property except by contract or special use permit issued by the Board, its Director or authorized representative.

- A. Community events or activities that are promoted in any public media format as being open to all members of the public who wish to attend.
- B. General public events or activities that require closing part of a public area to public use.
- C. Any event or activity that may interfere with traffic flow or impede the use of an area by the public.
- D. Any event or activities that require the uses of an area that would not typically be allowed pursuant to the JCCB Rules and Regulations.

The Board, its Director or authorized representatives are authorized to take action to terminate any activity or event listed above for which a special use permit was not obtained prior to the time and date scheduled for the event or activity.

### Special Use Permits Issued: (total permits issued)

- #2020-1 Susie Nehring, berry picking at Ciha Fen and CRC
- #2020-2 and #2020-3 Kim Nuxoll, tent camping in the Youth Group Area
- #2020-4 Scott Black, berry picking at Ciha Fen and CRC
- #2020-5 Jeffery Carstens, seed collection Williams Prairie
- #2020-6 Infuse Church, Baptism at Kent Park designated beach
- #2020-7 UI ROTC, ground navigation training at Kent Park during October
- #2020-8 Robert Howe, Prairie seed harvest at Kent Park
- #2020-9 Nordic Ski Club, To groom x-country ski trails at Kent Park
- #2020-10 ICORR, to groom fat tire bike trails at Kent Park

An ROTC group was issued a special use permit to conduct ground navigation training at Kent Park.





**2020 Report**  
**Wood duck Nest Boxes**  
**F.W. Kent Park**

Box Location	Year Est.	2018 Report	2019 Report	2020 Report
CEC Wetland	2017	Used	Used	Used
CEC Pond	2017	Unused	Used	Used
Pond #1	2017	Used	Used	Used
Youth Group Camp Pond	2017	Used	Used	Used
Pond #2, North	2017	Used	Used	Used
Pond #2, South	2017	Used	Used	Used
Wetland #4	2017	Unused	Used	Used
Wetland #5	2017	Used	Used	Used
Wetland #6, West	2017	Used	New box installed	Used
Wetland #7, West	2017	Used	Used	Used
Wetland #7, East	2017	Used	Used	Used
Echo Ave Pond, North	2017	Used	Used	Used
Echo Ave Pond, Middle	2017	Used	Used	Used
Echo Ave Pond, South	2017	Used	Used	Unused



The ranger staff maintains and monitors the wood duck nest box program each year, recording success rates and making sure the boxes contain fresh wood shavings for bedding material. Ranger Intern Kim Miller at left and Ranger Aaron Ohlsen below.







The ranger staff is active in teaching hunter education and with the help of volunteers host several classes each year. Pictured are archery instruction and safe firearm handling.

## Ranger staff duties relationship to the six focus areas of the strategic plan.

Protect  
Restore  
Connect  
Water Quality  
Partnerships  
Sustainability

### Below is a breakdown of Park Ranger activities by focus area

#### Protect

- Develop and enforce JCCB rules and regulations as well as Iowa State laws on all JCCB areas
- Enforce Covid-19 rules at all JCCB areas
- Protect areas and people during and following the Derecho of 2020
- Facilitate the White-tailed Deer Management Program for F.W. Kent Park
- Aerial deer herd surveys
- Spotlight deer herd and raccoon surveys
- Surrounding landowner deer herd surveys
- Submit recommendations for future deer seasons
- Issue/approve Special Use Permits for users that intend to use JCCB facilities for activities that fall outside normal intended use
- Use of Ranger worn body cameras
- Provide public access to a tornado safe room at Kent Park
- Monitor and test JCCB drinking water sources
- Provide clean and sanitary areas for park users
- Install and maintain boundary markers on JCCB areas
- Invasive plant removal with volunteer groups



Facilitate CPR/First Aid training and refreshers for all JCCB staff (full-time and part-time)

Made stop the bleed kits available to every JCCB chainsaw crew

Made stop the bleeding kits available at every JCCB facility

Provide and maintain AED's at 8 locations

Perform monthly playground safety inspections

### **Restore**

Special archery deer hunt at Kent Park to control the deer population and aid in restoration of native flora and fauna

Fish surveys and stocking in Kent Park water bodies

Build and place fish habitat structures in Kent Park Lake, and new catch basins

Maintain and document usage of Wood duck nest structures on JCCB areas

### **Connect**

Continuing to expand the use of a mobile computer in the Ranger Patrol Program

Another mobile computer added to ranger staff

Tac.10 software to provide real time connection to all emergency services and dispatch in Johnson County

Use of MACH and Tracs software through IDOT

Constantly working with other agencies through the pandemic and Derecho of 2020

Accurate record keeping of all law enforcement activities

Access and storage of all camping activities through Johnson County network

JCCB employees have the ability access live camping use reports

Enter park user data into live real-time spreadsheets

Long term storage of park user data in cloud storage

Engage campers and park visitors on a daily basis

Four annual Hunter Education Classes

Provide job shadow and ride-a-long opportunities to the public that offers hands on ranger experience

Facilitate the grooming of several miles of cross country ski and fat tire bike trails at Kent Park

### **Water Quality**

Collect monthly water samples from all JCCB public water sources to ensure safe drinking water

Collect weekly water samples from the Kent Park Beach between Memorial Day and Labor Day



Ranger Aaron Ohlsen helps young anglers catch their first fish.





Participate in Kent Park Lake Restoration project  
Provide input for wetland mitigation projects on JBBC areas

### Partnerships

Nordic Ski Club and Fat Tire Bike Club to groom several miles of cross country ski and Fat tire bike trails at Kent Park

Workplace Learning Center for employee recruitment

Kirkwood Community College for employee recruitment

Greencastle Airport for aerial deer population survey

Johnson County Sheriff's Department for law enforcement assistance and investigations

Provide areas for Sheriff's Department, Iowa State Patrol, and First Responders to train

Provide storage for First Responder boat at Pechman Creek Delta

### Sustainability

Constant monitoring of the deer population in the Kent Park management zone

Hold a special deer hunt in Kent Park to maintain a healthy deer herd



Above: A lucky park visitor found this giant morel mushroom at Kent Park. Below: Rangers collect a water sample at the beach for bacteria testing.

The ranger staff implemented a life jacket loaner program at the boat ramp after noticing quite a few people kayaking and canoeing without life jackets.



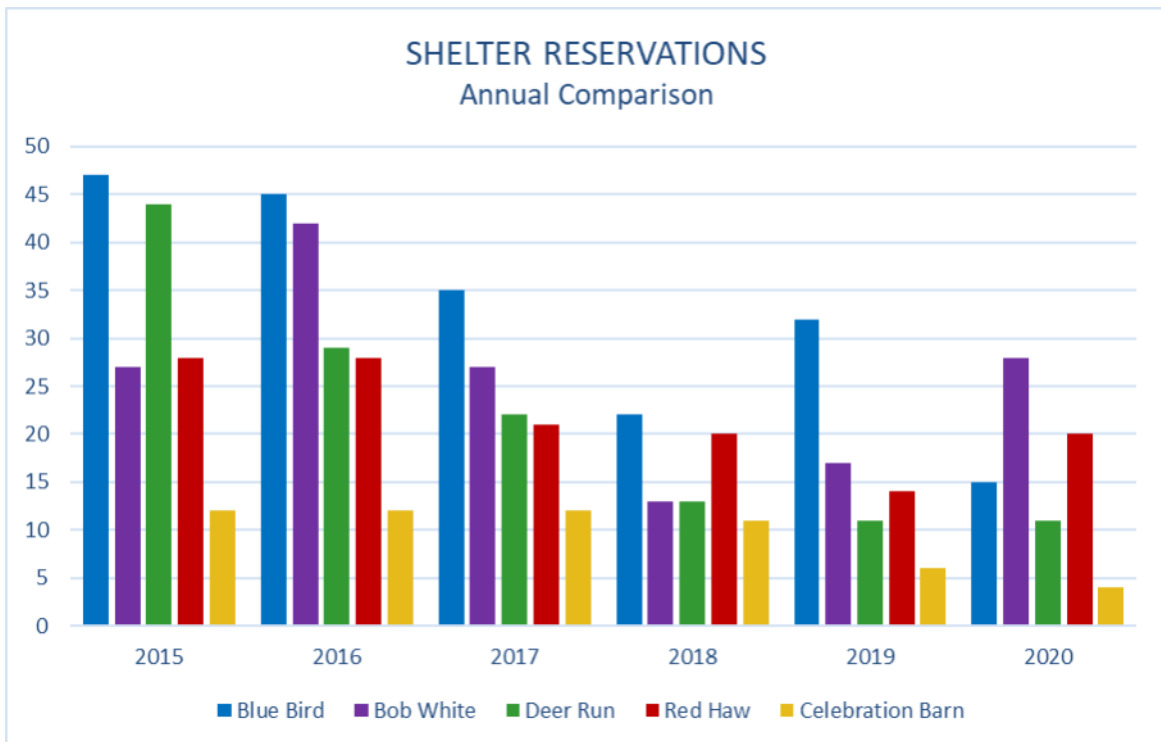


# Facility Reservation Summary

## Annual Shelter Report

SHELTER RESERVATIONS - Monthly 2020							
	Apr	May	Jun	Jul	Aug	Sep	Oct
Blue Bird	0	0	3	3	6	3	0
Bob White	0	0	6	8	3	9	2
Deer Run	0	0	1	2	3	3	2
Red Haw	0	1	3	8	5	1	2
Celebration Barn	0	0	0	1	1	0	2
<b>Total</b>	<b>0</b>	<b>1</b>	<b>13</b>	<b>22</b>	<b>18</b>	<b>16</b>	<b>8</b>

SHELTER RESERVATIONS - Annual Comparison						
	2015	2016	2017	2018	2019	2020
Blue Bird	47	45	35	22	32	15
Bob White	27	42	27	13	17	28
Deer Run	44	29	22	13	11	11
Red Haw	28	28	21	20	14	20
Celebration Barn	12	12	12	11	6	4
<b>Total</b>	<b>158</b>	<b>156</b>	<b>117</b>	<b>79</b>	<b>80</b>	<b>78</b>





# Natural Resources Report

2020 Fiscal Year

Compiled by David D. Wehde, Natural Resources Manager

## F.W. Kent Park

- Memorial-Honorary Trees
  - ◇ Flagged new Memorial-Honorary Trees.
  - ◇ Ordered Memorial-Honorary Trees.
  - ◇ Installed numerous Memorial/Honorary Trees blocks and inscribed plaques.
  - ◇ Mulched, watered, staked and installed protective tubes on existing Memorial/Honorary trees and other trees and shrubs installed by tree spade.
  - ◇ Watered Memorial/Honorary Trees and other transplants.
  - ◇ Updated Memorial-Honorary Tree list.
  - ◇ Sprayed around Memorial/Honorary Trees and transplants.
  - ◇ Repaired broken limbs Memorial/Honorary Trees.
  - ◇ Removed numerous Memorial/Honorary Trees posts and plaques.
  - ◇ Located trees Memorial/Honorary Program.
  - ◇ Removed dead Memorial/Honorary trees.
- Installed and maintained firebreaks.
- Installed and removed deer protective tubes on trees.
- Removed storm damaged, hazard trees and unwanted trees and shrubs.
- Moved logs to public firewood cutting area.
- Sprayed invasive brush.
- Treated stumps.
- Right-of-way tree and brush removal on easement.
- Mowed invasive brush and Cut and Treated invasive brush (151.02 acres).
- Pruning ornamental trees and shrubs.
- Pruning and brush removal roadsides and firebreak/trail system.
- Updated forestry plans F.W. Kent Park.
- Cut up logs for firewood processing.
- Cleaned up timber stand improvement area.
- Stump grind unwanted stumps.
- Site preparation sprayed black locust.
- Made contact with Linn County Conservation Board for use of combine to harvest prairie seed.
- Hand collected 141 lbs. of prairie forb, grass and wetland seed with an estimated value of \$21,978.
- Harvested with the John Deere 4400 Combine 1,092 lbs. of prairie seed with an estimated value of \$65,520.
- Dried, bagged and weighed combine seed.
- Collected, cleaned and labeled prairie and wetland seed.
- Invasive species control conducted on numerous prairie units.
- Site preparation prairie reconstruction.



Each fall hundreds of tree tubes are installed around memorial trees to protect them from deer during the winter season.



- Developed seeding plans.
- Updated prairie seeding records.
- Volunteer Prairie Seed Collection Public Event.
- Composed and conducted the 2020 Prescribed Burn Plan.
- Constructed Prescribed burn plan maps
- Updated Valley View Prairie Plant Inventory.
- Post prescribed burn maps.
- Post prescribed burn reports IDNR.
- Prescribed burning conducted on 348.15 acres of various units.
- Mow prairie and wetland seeding's.
- Updated Floristic Inventories all units.
- Conducted Grassland Curing Guide for Johnson County NWS Fire Danger Index.
- Meet with Volunteer lead person prairie and wetland seed collection.
- Updated Johnson County Conservation Board Plant Records for Aaron Basten Johnson County Plant Records Study.
- Stock and Clean up public firewood pile (16 Permits sold 1,600.00 dollars)
- Site preparation prairie seeding's.
- Wetland monitoring wells repairs.
- Wetland mitigation well data collection and data entry for MA-1A Forested.
- Collected and entered for the data wetland monitoring report.
- Completed Wetland Monitoring Report for Clear Creek Trail wetland mitigation sites MA-1A Forested.
- Invasive species control Clear Creek Trail Wetland Mitigation.
- Updated Clear Creek Trail Wetland mitigation binder for upcoming data collection.
- Set-up hayrack for tour.
- Interviewed and hired seasonal staff.
- Orientation and training STEMS teachers.
- Repair erosion prairie and wetland seeding's.
- Seasonal staff training.
- Installed road stone trails.
- Water Quality Testing cost spread sheet.
- Constructed updated map F.W. Kent Park Water Testing sites 2020.
- Completed field forms F.W. Kent Park Water Testing.
- Water Quality Testing equipment inventory.
- Report F.W. Kent Park Lake Water Quality.
- Water Quality Testing and data entry for F.W. Kent Park Water Shed.
- Constructed Water Testing Map F.W. Kent Park Water Quality Project.
- F.W. Kent Park Lake Project collect water samples at 30 locations. F.W. Kent Park Water Shed.



More than 250,000 trees were planted at Kent Park in the 1970's through the early 90's and now those stands need thinned. The staff have been working several years on thinning the forests during the winter months.







A group tours the native and restored prairies at Kent Park.

- Filled out applications for on-line reporting with the State Hygienic lab Stem teachers and staff.
- Take Water samples to U of I State Hygienic Lab.
- Removed brush and trees fence lines.
- Cleaned up chemical storage area.
- Completed State Habitat Survey 2019-2020 and submit. (Awarded Third place)
- F.W. Kent Park Lake Project Wetland plants order and planting plan.
- Removed hazard trees lake trail.
- GIS Map updates.
- Constructed work assignment list.
- Mowed invasive brush Campground.
- Burned brush piles.
- Removed storm damage trees, dead trees campground and other locations.
- Mow prairie seeding's.
- Fecon brush removal.
- Completed IT computer safety course.
- Invasive species control Clear Creek Trail Wetland Mitigation.
- Clear Creek Trail Wetland Mitigation Well Monitoring.
- Ash removal EAB.
- Mulched trails and islands in the park.
- Removed silt fence all new basins.
- Updated prescribed fire certifications and FEMA certifications.
- F.W. Kent Park Water Quality training part time staff.
- Weed, mulch and sprayed entrance and islands.



- Attended Kirkwood Community College job fair.
- Completed pesticide applicator recertification.
- Invasive brush control acres treated map.
- Interviews and selections Seasonal Park Workers.
- Training Natural Resource Management crew.
- Cut and sprayed Reed Canary Grass.
- Prepared for Wetland Plant Lake Planting F.W. Kent Park.
- Plant Wetland Plants F.W. Kent Park Lake plants.
- EAB Treatment F.W. Kent Park.
- Update MSDS sheets pesticides.
- Attended Pesticide CEU training.
- Completed RT-130 Annual Refresher Prescribed Fire Crew.
- Ornate Box Turtle Report 2019.
- Documented and updated Endangered, Threatened and Special Concerned species IDNR.
- Tree identification training seasonal staff.
- Repaired trails, pruning trails, tree removal F.W. Kent Park trails, roadways and firebreaks.
- NWS Storm Spotter Recertification.
- Completed Adult/Child/Infant CPR, AED, First Aid and Blood Pathogens.
- Remove Washington Hawthorn Tree hit by camper.
- Constructed maps clear Creek Trail Wetland Monitoring Report MA-1A.
- Created GIS Maps of invasive brush control F.W. Kent Park.
- Checked and maintained the outlet structures F.W. Kent Park Lake Project.
- Forestry Plantation thinning.
- NWCG Online training L-180/S-130/S-190.
- Repaired Buffalo Pasture trail crossings.
- Installed erosion control fabric Silt Basin Site B.
- Firefighting PPE.
- Rehabbed Fire-fighting equipment.
- Fire equipment preparation.
- Remove wild grape from Washington Hawthorn planting.
- Help set-up sprinkler system on reefs and bays.
- Silver Maple pruning Campground.
- I.D. Plants for Friends of Johnson County Conservation Board.
- Moved pumps.
- Prairie seed order Boat Ramp Toilet.
- Conducted program HCWMA Scott County Community College.
- Weed Bio Cells Boat Ramp.
- Host and attend Grass Identification Course.
- Conducted interviews Natural Resource Management Specialist.



Prescribed fire is a tool staff use to control invasive species, promote vigorous growth and increase seed viability in seed harvest areas.





- Hired Natural Resource Management Specialist.
- Conducted inventory orchid species.
- Conducted Prairie Program Trees Forever at F.W. Kent Park.
- Constructed crossing CB A.
- Van Diest Resource Management Conference.
- Meeting with Education Specialist Volunteer Brush removal project.
- Build racks for tree tubes.
- Moved fence line (Meyer Tract).
- Cleaned up (Meyer Tract).
- Cleaned-up Valley View forestry Plantation and Swenka forestry Plantation Tree thinning sites.
- Installed Chipper Box on Dump Truck.
- University of Iowa Environmental Sciences Department Power Point Presentation (Prairies of Johnson County).
- Coordinated the STEMS Extern Teachers Program 2020.
- Invasive brush removal Hwy 6 prairie planting.
- Provided information to the ACOE for prairie seed provided by Johnson County Conservation Board. (Ely Road Planting).

### **Invasive Species Control and Management**

#### **Conducted invasive species control on the following plant species**

Common Buckthorn	Sericea Lespedeza
Autumn Olive	Smooth Brome Grass
Bush Honeysuckle's Species	Soap Weed
Multiflora Rose	Reed Canary Grass
Garlic Mustard	Wild Parsnip
Thistles (Nodding)	Sweet Clover
Canada thistle	Crown Vetch
Day Lily	Dame's Rocket
Black Mustard	Tree of Heaven
Black Locust	White Mulberry
Willow Species	Oriental Bittersweet
Japanese Hops	Poison Hemlock

### **Scott Church Park**

- Maintenance of Memorial/Honorary Trees.
- Mulched around trees.
- Collected prairie seed.
- Removed invasive brush prairie reconstructions.
- Installed and remove deer protective tubes on trees.
- Invasive species control conducted on prairie reconstruction.
- Pruned trees.
- Removed dead Austrian pines.



Emerald Ash Borer is killing thousands of ash trees throughout Iowa. Ten specimen trees at Kent Park were treated to protect the tree from the borer.



### **Walker Park**

- Maintenance on Memorial/Honorary Trees.
- Mulch around trees.
- Pruning ornamental trees and shrubs.
- Installed and removed deer protective tubes on trees.
- Cut and Treated invasive brush.
- Removed Danes Rocket.

### **Frytown Conservation Area**

- Maintenance of firebreak/trail system.
- Updated Floristic Inventory of unit.
- Invasive species control.
- Removed fallen trees on trails.
- Pruned out trail system.
- GIS updates to maps.
- Constructed new maps.
- Garlic Mustard Control..
- Cut and Treated invasive trees..
- Checked border records.

### **Solon Prairie**

- Invasive species control.
- Pruning
- Trail maintenance.
- Installed firebreak.
- Updated Prescribed Burn Plan.
- Cut and Treated invasive brush.
- Collected prairie seed.
- Condensed Floristic Inventory Data

### **Hills Access**

- Maintenance on planted trees and Memorial/Honorary Trees.
- Mulched around trees.
- Pruning.
- Installed deer protective tubes on trees.
- Marked and removed EAB infested trees.
- Cleaned up damaged trees and wood chips.

### **River Junction**

- Maintenance on planted trees.
- Pruning.



Staff are continually monitoring the spread of emerald ash borer and remove hazardous trees from high use areas that have succumbed to the pest. Below: Tunnel evidence of the ash borer within a tree at Kent Park.





- Installed and removed deer protective tubes on trees.
- Coordinated ITC Utility Right of Way Brush Removal.
- Lifted trees at entrance.

#### **Cedar River Crossing Conservation Area**

- Installed erosion control fabric parking lot seeding
- Updated the seeding plan and map.
- Prairie, Wetland and Savanna seeding.
- Mowed trail system.
- Invasive species control.
- Installed firebreaks.
- Removed low limbs firebreak.
- Updated Floristic Inventory of the unit.
- Collected wetland seed.
- Installed and maintained bridges.
- Updated tree girdling project map Hoover Trail Wetland Mitigation (CRCCA Sutliff Bridge Unit).
- Fixed rough spots astronomical clock.
- Open and close stop logs on control structure.
- Conducted Wetland Monitoring field survey for Ely Road and Hoover Trail Wetland mitigation.
- Wetland Bank Seeding map.
- Review seeding map.
- Wetland seeding 97 acres.
- Prairie seeding 22.6 acres.
- Savanna seeding 8.5 acres.
- AES installed 12,577 wetland plants.
- AES installed 87 wetland shrubs.
- AES installed 173 trees.
- Meeting AES and Miller Logging to review forest thinning in preparation for restoration.
- Pruning trail south unit.
- Adjusted wetland bank structure for flooding.
- Seeding records Cedar River Crossing Wetland Mitigation Bank.
- Tree girdling project site prep.
- Girdle trees Ely Road/Hoover Trail Wetland Mitigation.
- Girdle trees Wetland Mitigation Bank. Riparian Wetland.
- Savanna Tree thinning Miller Logging 95.5 acres.
- Grind stumps savanna areas Miller Logging.
- Marked trees to be removed.
- Constructed progress map tree girdling project.
- Wetland Monitoring Data Collection.
- Seeding cover crop.
- Smoothed out ruts Hoover Trail Wetland mitigation unit.



Staff found this Ornate Box Turtle in the northern portion of Kent Park. Records are kept on the number of box turtles found each year as they are listed as a threatened species in Iowa.



- Begin update on CRCCA Floristic Surveys.
- Update avian species list.
- Litter Removal Sutliff Bridge Unit.
- Installed culvert.
- Removed silt fence.
- Repaired silt fence.
- Removed Hackberry, Walnut and other wind fallen trees.
- Cut resprouts.
- Constructed project seeding map fall 2019.
- Prepared seeding plan.
- Installed Hydrological monitoring wells.
- Cedar River Crossing Wetland Bank Aerial survey for as built map.
- Composed Prescribed Burn Plan.
- Prescribed burning 51 acres.
- Move tools from old shop.
- Mixed hand collected prairie seed and wetland seed for fall seeding.
- Cleaned and organized new shop.
- Installed firebreaks.
- Constructed cabinets and shelving.
- Constructed map Forestry thinning Ripiarn Section.
- Coordinated Miller logging TSI Project.
- Wetland Monitoring Hoover Nature Trail/Ely Road.
- Wetland Monitoring CRCWMB.
- Checked Wetland Bank Monitoring wells.
- Ordered seed Hoover Trail/Ely Road Wetland Mitigation site.
- Met with ACOE, AES, and BOS Cedar River Crossing Wetland Mitigation Bank.

#### **Clear Creek Area**

- Updated Floristic Inventory of unit.
- Invasive species control.
- Meeting trail committee Clear Creek Trail Phase II.
- CIPCO utility access and right of way management..

#### **Williams Prairie Preserve**

- Updated Floristic Inventory of the unit.
- Invasive species control.
- Trimmed parking lot and barrier posts.
- Harvested prairie and wetland seed.
- Updated prescribed burn plan.



The bank of the new parking area at the west end of the Sutliff Bridge was seeded with prairie grasses and wildflowers. Below: Stumps were removed from the tree thinning area of the Ely Road and Hoover Trail mitigation site. Bottom: Staff girdled about 23 acres of invasive trees before thinning to keep them from re-sprouting after removal.





- Checked border signs.

### **Ciha Fen Preserve**

- Compiled information and updated Floristic Inventory of the unit.
- Invasive species control.
- Installed firebreaks.
- Removed dead and unwanted trees.
- Created the 2019 photo station comparison power point.
- Repaired fence line.
- Updated spread sheet that illustrates mammalian, reptilian and amphibian species along with state listing status with the species of greatest conservation need and status/ population trend.
- Updated prescribed burn maps.
- Report and update Prescribed Burn Plan ITC/UTC 2020.
- Prescribed burning conducted on 44.3 acres.



Staff maintained about 150 acres of recently seeded prairie and sedge meadow at Cedar River Crossing and Kent Park. Mowing prevents annual weed seed production and provides sunlight to the emerging prairie plants during the sensitive time period of establishment. Below: Staff assist with development of the Poor Farm by providing guidance related to prairie management of areas seeded in FY19.



### **Pechman Creek Delta**

- Updated floristic inventory of Unit.
- Mowed Wild Parsnip roadside ditch.
- Wired and installed LED lights.
- ASTIG staff meeting for PCD planning.
- Cleaned out structure at crossing.
- Helped Ranger's with getting PCD boat started/ maintenance.
- Installed new shelving units.
- Cut and Treated invasive brush south prairie.
- Removed fallen trees in the buffer.
- Water testing.
- Placed rock at stream crossing.

### **JEEC/EMA Building**

- Cut and Treated unwanted trees and other invasive species.
- Constructed prescribed Burn plan.
- Obtained prescribed fire permit City of Iowa City.

### **Johnson County Historic Poor Farm**

- Constructed prescribed burn plan.
- Submitted prescribed burn plan to City of Iowa city Fire Department (Fire Marshall)
- Prescribed burn plan map.
- Consultation given Prairie Management Plan.
- Site checks for invasive species.
- Correspondence with staff managing the recently seeded prairie area.



- Checked Prairie Seeding.
- Fire preparation.

#### **Hoover Nature Trail**

- Controlled invasive species.
- Removed storm damage from the trail corridor.
- Developed a seeding plan for areas along Highway 382.
- Seeded prairie in rest areas along the trail.



An aerial view of the burned area at Cedar River Crossing, including the native sand prairie relict (foreground). The burned area on the right side of the photograph is a prairie on private land and was burned by the private landowner.

#### **Dubuque Street Trail**

- Removed fallen trees

#### **Cangleska Wakan**

- Coordinated the willow removal project along 245th Street.
- Met with the education staff to provide guidelines for removal of invasive species by volunteers.
- Controlled invasive species—Garlic Mustard and Poison Hemlock.

#### **Malinda Reif Reilly Fen and Prairie**

- Started a data bank.
- Constructed resource maps of the area.
- Plant inventory and photos.
- Removed the beaver dam located on the property boundary line due to fence damage.
- Invasive species control—Nodding Thistle, Canada thistle, Multi-flower Rose and Parsnip.
- Coordinated inventory of invertebrate and botanical inventories.
- Removed electric fence wire.

#### **Memorial & Honorary Trees Planted 2020 Fiscal Year**

<b><u>Donated by</u></b>	<b><u>In Memory of or In Honor of</u></b>	<b><u>Species</u></b>	<b><u>Location</u></b>
Vermace	<i>Martha Vermace Parks</i>	Northern Red Oak	North Bobwhite Hill
	<i>Robert Vermace Parks</i>	Black Haw	North Bobwhite Hill
	<i>Charles "Mort" Vermace</i>	Nannyberry	North Bobwhite Hill
Gary Pidgeon	<i>John &amp; Winifred &amp; Mary Jo Gurwell</i>	Northern Red Oak	Westside of Lake Trail

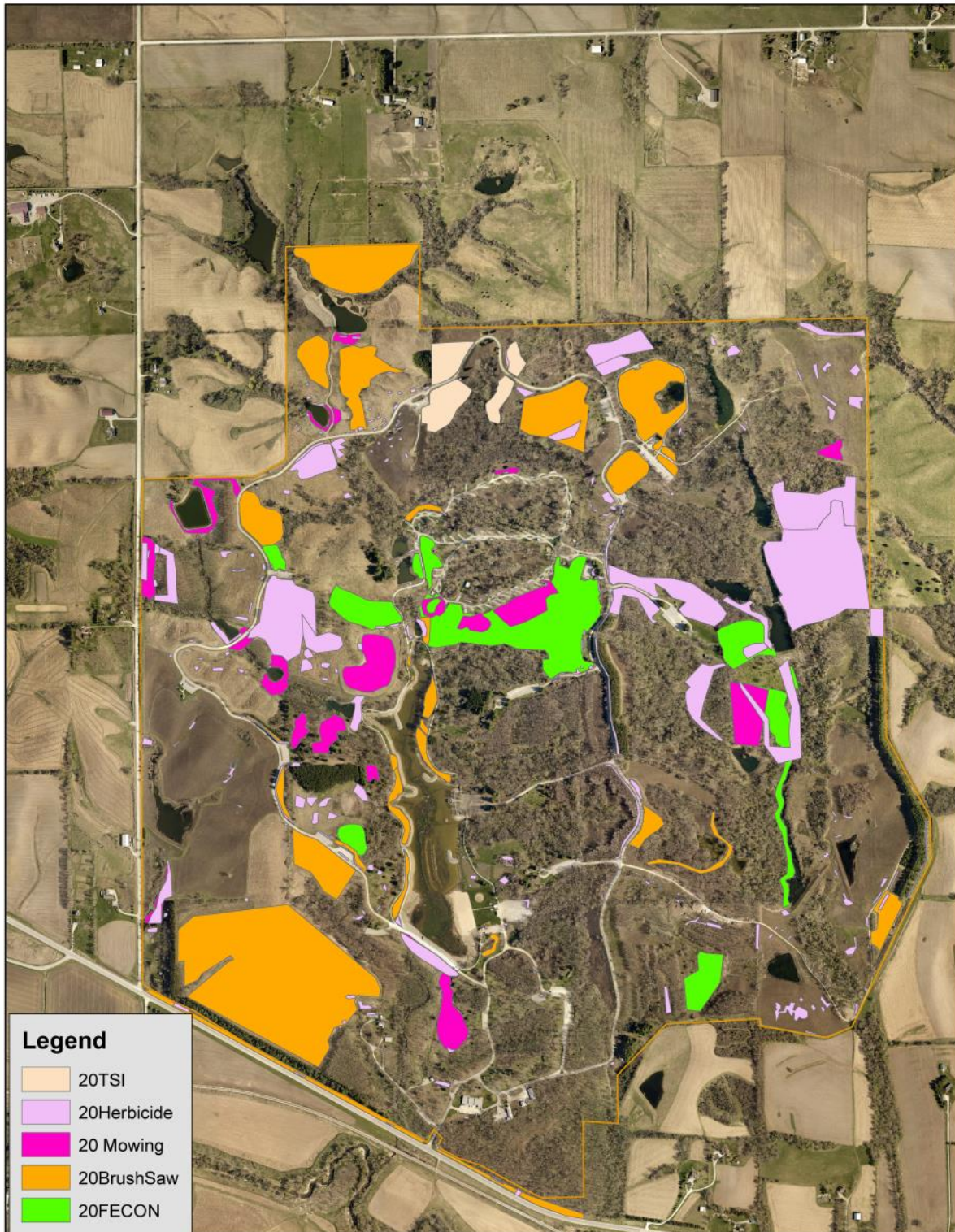
Total Memorial & Honorary Installed 2020 Fiscal Year: 4

Total Memorial & Honorary Trees installed since creation of program in 2001: 476





# Kent Park Management FY 2020



## Legend

- 20TSI
- 20Herbicide
- 20 Mowing
- 20BrushSaw
- 20FECON

**FY2020 Acres;**  
**Spraying; 66.8**  
**Mowing; 24.4**  
**TSI; 7.3**  
**Brush Cutting; 88.4**  
**Fecon; 38.4**

0 0.05 0.1 0.2 0.3 0.4 Miles  
1 inch = 0.16 miles 1 in = 0 miles







# Johnson County Conservation

## Prescribed Fire Maps 2020

### Post Burn

Total Acres Burned = 443.45

F.W. Kent Park = 348.15

Cedar River Crossing = 51

Ciha Fen = 44.3

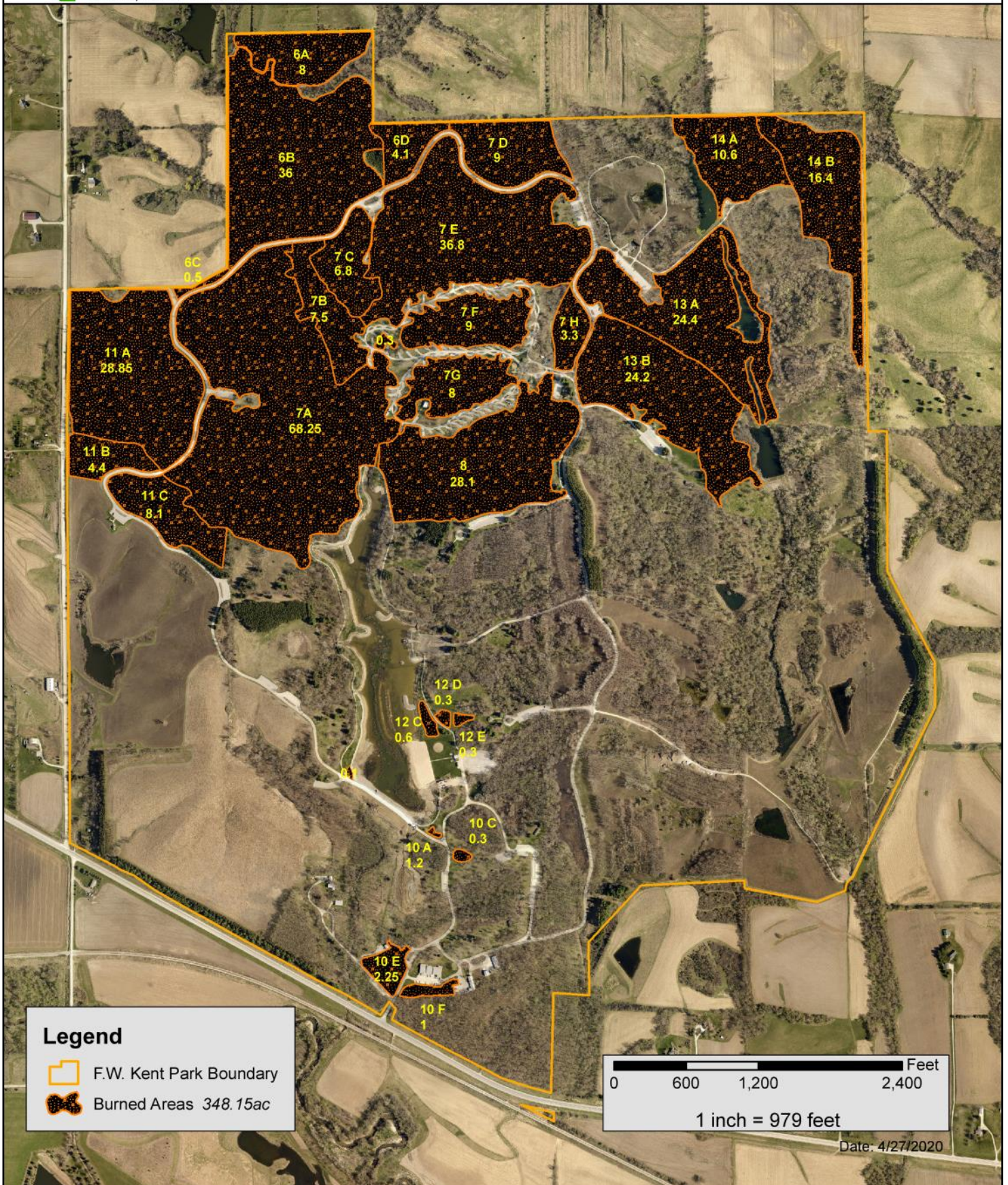






F.W. Kent Park  
2048 Hwy 6 NW  
Oxford, Iowa 52322

# F.W. Kent Park Rx Fire 2020



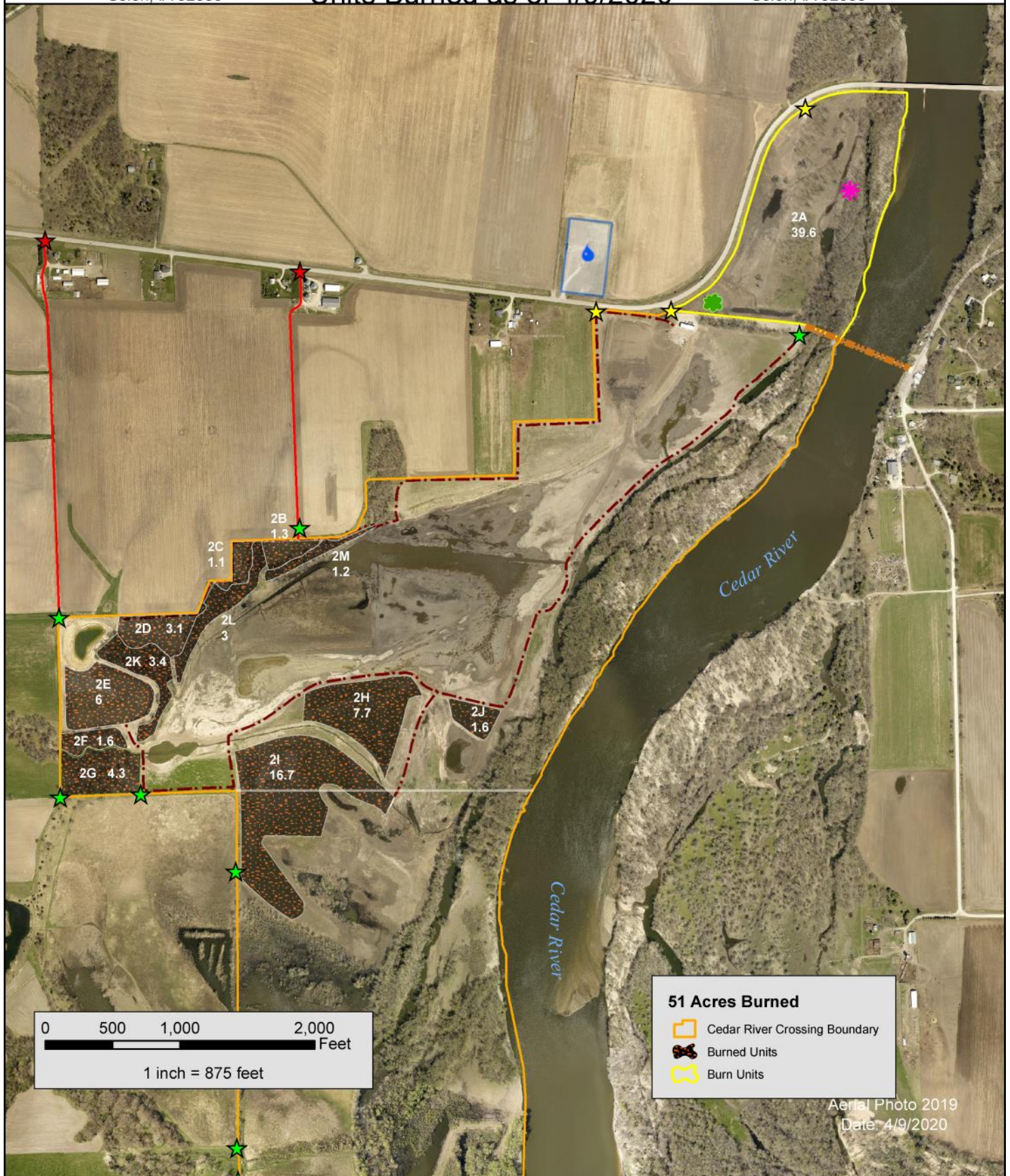




North Shop  
5438 Sutliff Rd NE  
Solon, IA 52333

# Cedar River Crossing Rx Fire 2020 Burn Plan 2 Units Burned as of 4/9/2020

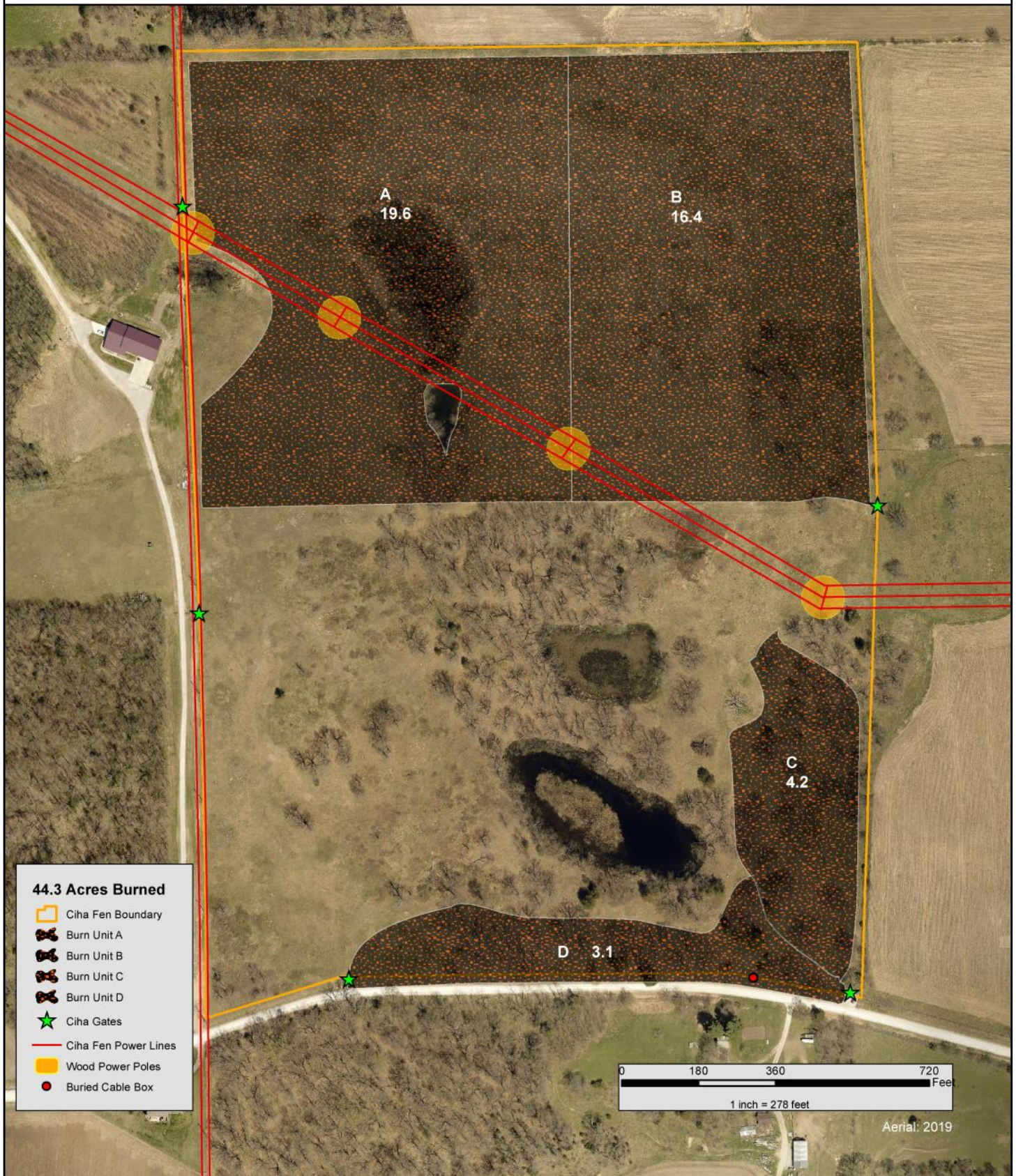
\*North Access\*  
5473 Sutliff Rd NE  
Solon, IA 52333







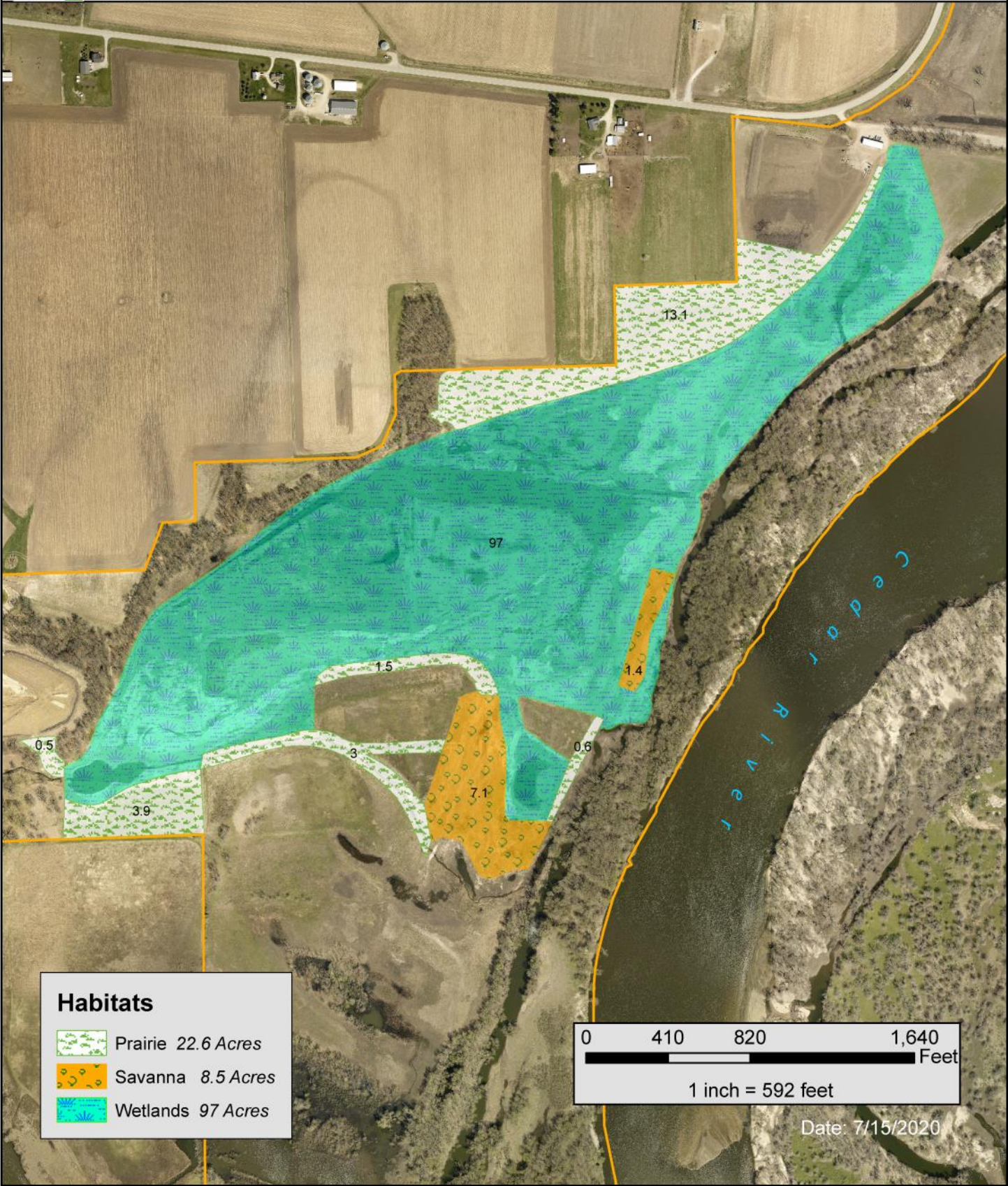
# Ciha Fen Preserve Post Rx Burn Map 2020 Burn Plan 1







# Cedar River Crossing Conservation Area Habitats Established 2019-20





**Johnson County Conservation Board  
Prairie Seed and Wetland Seed Collection  
Hand Collected Seed Fall 2019**

<b><u>Species Collected</u></b>	<b><u>Amount</u></b>	<b><u>Estimated Value</u></b>
Indian Grass	19 lbs.	342.00
Big Bluestem	16 oz.	64.00
Canada Wildrye	10 oz.	40.00
Virginia Wildrye	1 lbs.	12.00
Side-Oats Grama	3 oz.	18.00
Bebb's Oval Sedge	3.5 oz.	3.50
Soft Rush	2 oz.	80.00
Dark-green Bulrush	6 oz.	36.00
Fox Sedge	1.5 oz.	9.00
Hop Sedge	1 oz.	12.00
Inland Rush	0.5 oz.	9.00
Wool Grass	18 oz.	144.00
Rattlesnake Master	7 lbs.	1,330.00
Culver's root	7.75 lbs.	6,200.00
Prairie Blazing Star	0.2 oz.	5.00
Grey-headed Coneflower	3 oz.	15.00
Cream Gentian	22 oz.	440.00
Tall Coreopsis	3.7 lbs.	991.00
White Indigo	17 oz.	170.00
Blue Flag Iris	5 oz.	102.75
Sweet Joe Pye Weed	5 oz.	75.00
Spotted Joe Pye Weed	4.5 oz.	90.00
Michigan Lily	7 oz.	1,260.00
Blue Vervain	2 oz.	8.00
Illinois Bundle flower	48 oz.	144.00
Virginia Mt. Mint	.5 oz.	20.00
Rose Mallow	21 lbs.	2,520.00
Buttonbush	15 oz.	180.00
Bunchflower	6 oz.	330.00
Smooth Wild Rose	.5 oz.	20.00
Stiff Goldenrod	7 lbs.	840.00
Sweet Coneflower	18 oz.	144.00
Cardinal Flower	.1 oz.	2.50
Ohio Spiderwort	10 oz.	150.00
Pale Purple Coneflower	9 oz.	90.00
Purple Prairie Clover	1 oz.	3.00
Bur Marigold	1 oz.	12.00
Great St. John's Wort	27 oz.	270.00
Foxglove Beardtongue	50 oz.	300.00
School Group Mixed Forbs	16 oz.	500.00
Volunteer Seed Collection Event Mix	33 lbs.	5,000.00

**Estimated Total Value 2019 Seed: \$21,978.50**

**Estimated Amount of Hand Collected Seed: 141 LBS.**



## **Combined Bulk Prairie Seed Harvest**

**Johnson County Conservation Board**

**November 2019**

### **Bulk Prairie Seed Harvested by the John Deere 4400 Combine**

<b><u>Prairie Unit Harvested</u></b>	<b><u>Type of Seed</u></b>	<b><u>Amount Harvested</u></b>
<b>Knight Prairie/Wetland Site 7 East</b>	<b>Forbs/Grasses</b>	<b>1,092 pounds</b>

### **Estimated Value of Combined Bulk Prairie Seed**

<b><u>Per Pound</u></b>	<b><u>Estimated Value</u></b>
<b>1,092.00 @ 30.00 dollars a pound</b>	<b>\$32,760.00</b>
<b>1,092.00 @ 90.00 dollars a pound</b>	<b>\$98,280.00</b>



# Volunteer Program Report FY20

by Emily Allen

Volunteers and Activities – FY 2020

INDIVIDUAL VOLUNTEERS		ACTIVITIES/EVENTS
Aaron Basten	Julie Damiano	Administrative Tasks
Alice Atkinson	Julie Kearney	Animal Care
Andrea Flemming	Kadie Robinson	Aquatic Plant Installation
Anita Hutton	Kathryn Atkinson	Bee Research
Arlen Breiholz	Kathy Cross	Bird Banding
Becca Bartlett	Kevin Leidal	Bluebird Box Monitoring
Ben Rowold	Larry Wilson	Botanical Inventory
Bill Waldie	Lee Turnbull	Building Maintenance
Bo Bray	Lenore Holte	CEC Host
Brian Melloy	Linda Quinn	Caboose Maintenance
Cheryl Miller	Lindsay Evans	Derecho Clean-Up
Connie Aldridge	Lois Albrecht	Drone Photography/Photography
Dan Harbit	Lu Yanecek	Event Assistance
Debbie Bryant	Mandy Duffey	Filling Bird Feeders
Denise Balvin	Maria Hope	Fish Habitat Creation
Diane Machatka	Mark Bowman	Flood Debris Removal
Doran Pearson	Mark Plewinski	Flower Bed Maintenance
Eagle Scout Troop 250	Melinda Turnbull	Foraging Class Assistance
Emily Schultz	Nancy Millice	Grounds Maintenance
Erin Melloy	Phyllis Black	Invasive Species Removal
Ian Perkins	Rachel Harris	North Shop Construction
Jen Belyeu	Richard Lutz	Owl Prowl
Jenann Bray	Rob Bradley	Saw Mill Operation
Jerry Meninga	Ruby Borgolan	School Group Assistance
Jim Hudachek	Shelly Cromer	Seed Cleaning and Packing
Joan Cook	Sue Travis	Seed Harvest
Joan Schnabel	Suzanne Micheau	Trail/Roadside Clean-Up
Jodie Theobald	Wanda Thackery	Vehicle Maintenance
John Castle	Wayne Hartig	Water Quality Monitoring
Joyce Miller	Wyatt McCain	Wetland Bank Pond Construction

Thank You Volunteers!



# JCCB Volunteer Summary

2,203 Total Hours!

TASK	HOURS
Administrative Tasks	15
Animal Care	3
Aquatic Plant Installation	160
Bee Research	30
Bird Banding	77
Bluebird Box Monitoring	8
Botanical Inventory	500
Building Maintenance	10
Caboose Maintenance	20
Derecho Clean-Up	50
Drone Photography	300
Event Assistance	25
Filling Bird Feeders	21
Fish Habitat Structures	150

TASK	HOURS
Flood Debris Removal	50
Foraging Class Assistance	4
Grounds Maintenance	25
Invasive Species Removal	100
Owl Prowl	12
Photography	200
Saw Mill Operation	150
School Group Assistance	6
Seed Cleaning and Packing	5
Seed Harvest	217
Trail/Roadside Clean-Up	20
Vehicle Maintenance	15
Wetland Bank Pond Construction	30

Lois Albrecht, coordinated many volunteer seed collection events and harvested a large amount of prairie and wetland seed from a variety of species. Many of which were uncommon and rare species.







Approximately 40 volunteers helped plant 12,000 submerged aquatic plants at Kent Park in July 2019. The work was very difficult, sometimes wading through knee-deep mud while at the same time keeping the plants moist and out of the direct sunlight.





# **FY20 CONSERVATION BUDGET**

**by Dory Kjosa**

## **Expenditures**

\$2,663,966.03	Department 24—General Basic
\$27,348.90	Department 32—Resource Enhancement and Protection (REAP)
\$1,259,442.19	Department 82—Conservation Trust
\$2,020,824.85	Department 83—Conservation Bond
\$756,949.96	Department 85—Capital Fund
\$6,728,531.93	Total Expenditures FY20

## **Revenues**

\$1,412,193.70	Grants and Wetland Credit Sales
\$152,740.14	Other Revenue (camping, shelters, donations, etc.)
\$45,014.63	REAP
\$1,609,948.47	Total Generated Revenues FY20



**JOHNSON COUNTY CONSERVATION BOARD  
FINANCIAL REPORT  
CONSERVATION GENERAL FUND - DEPARTMENT 24  
July 1, 2019 - June 30, 2020**

Expenditures:

**Conservation Administration**

01 24 6100000 10015	Director's Salary	\$128,808.50
01 24 6100000 10025	Conservation Program Manager Salary	\$ 87,687.15
01 24 6100000 10035	Rangers, Office Manager & Office Assistant	\$238,014.71
01 24 6100000 10105	Part Time Ranger Intern	\$ 32,536.78
01 24 6100000 11005	Employer FICA	\$ 36,870.44
01 24 6100000 11105	Employer IPERS	\$ 43,698.54
01 24 6100000 11315	Health Insurance	\$101,303.52
01 24 6100000 11325	Life Insurance	\$ 3,128.67
01 24 6100000 26005	Stationary - Forms	\$ 2,222.91
01 24 6100000 26105	Periodicals - Books	\$ 75.00
01 24 6100000 29405	Uniforms	\$ 1,144.53
01 24 6100000 40005	Advertising	\$ 408.91
01 24 6100000 40205	Printing	\$ 1,289.80
01 24 6100000 41205	Postage	\$ 261.48
01 24 6100000 41345	Staff Transportation	\$ 12.00
01 24 6100000 41355	Staff Meals - Lodging	\$ 456.05
01 24 6100000 41385	Board Meals - Lodging	\$ 1,072.96
01 24 6100000 41395	Board Mileage Reimbursements	\$ 491.96
01 24 6100000 41405	Telephone	\$ 20.27
01 24 6100000 41475	Cell Phone Service	\$ 10,120.27
01 24 6100000 42235	Staff Registration Fees	\$ 11,714.00
01 24 6100000 42245	Board Registration Fees	\$ 1,755.00
01 24 6100000 44405	Office Equipment Service	\$ 1,424.49
01 24 6100000 48005	Dues	\$ 4,975.00
01 24 6100000 63205	DP Hardware Purchase	\$ 1,771.60
01 24 6100000 63215	DP Software Purchase	\$ 158.89
01 24 6100000 63605	Office Equipment Purchase	\$ 10.00
01 24 6100000 63865	AV Equipment Purchase	\$ 184.23
		<u>\$711,617.66</u>



**Conservation Maintenance & Operation**

01 24 6110000 10025	Salaries	\$	172,117.48
01 24 6110000 10035	Full-Time Wages	\$	678,736.82
01 24 6110000 10105	Part-Time NB Wages	\$	159,689.13
01 24 6110000 10115	Part-Time Reg Wages	\$	27,915.04
01 24 6110000 11005	Employer FICA	\$	77,788.01
01 24 6110000 11105	Employer IPERS	\$	82,929.98
01 24 6110000 11315	Health Insurance	\$	255,454.24
01 24 6110000 11325	Life Insurance	\$	1,779.15
01 24 6110000 20205	Pesticides	\$	10,969.95
01 24 6110000 20315	Nursery Supplies	\$	1,118.48
01 24 6110000 21005	Asphalt	\$	7,113.60
01 24 6110000 21105	Concrete	\$	406.50
01 24 6110000 21205	Road & Parking Lot Material	\$	9,586.39
01 24 6110000 21405	Sign Materials	\$	1,181.88
01 24 6110000 21905	Construction Material & Supplies	\$	14,258.86
01 24 6110000 22105	Electric Supplies	\$	2,383.30
01 24 6110000 23205	Custodial Supplies	\$	11,173.58
01 24 6110000 24005	Shop Supplies	\$	7,589.92
01 24 6110000 24015	Fixtures Material	\$	240.88
01 24 6110000 24115	Plumbing Parts	\$	2,428.43
01 24 6110000 24125	Heating Parts	\$	2,797.83
01 24 6110000 25005	Fuels	\$	35,170.19
01 24 6110000 25105	Motor Vehicle Fluids	\$	5,048.81
01 24 6110000 25405	Equipment Parts	\$	33,989.61
01 24 6110000 29005	Hand Tools	\$	4,874.67
01 24 6110000 29305	Safety Supplies	\$	7,049.76
01 24 6110000 29405	Uniforms	\$	5,581.93
01 24 6110000 42705	Professional Fees	\$	4,695.99
01 24 6110000 42845	Lab Service/Drug Testing	\$	4,641.00
01 24 6110000 43005	Natural Gas	\$	8,896.55
01 24 6110000 43105	Electricity	\$	34,292.07
01 24 6110000 44005	Motor Vehicle Maintenance Contract	\$	289.67
01 24 6110000 44105	Contract Repair	\$	4,541.25
01 24 6110000 44205	Heating Repair	\$	7,712.50
01 24 6110000 44505	Plumbing Repair	\$	4,612.22
01 24 6110000 44705	Electric Repair	\$	1,040.06
01 24 6110000 47405	Pest Control	\$	104.21
01 24 6110000 47505	Septic Tank Service	\$	4,405.00
01 24 6110000 49605	Landfill Fees	\$	5,233.61
01 24 6110000 63005	Agr-Hort Equipment Purchase	\$	57,218.44
01 24 6110000 63835	Law Enforcement Equipment Purchase	\$	<u>1,620.87</u>
		\$	1,758,677.86



**Rec & Environmental Services**

01 24 6120000 21205	Sand	\$	<u>35.48</u>
		\$	35.48

**Environmental Services**

01 24 6121000 10025	Salaries	\$	127,164.42
01 24 6121000 10105	Part-Time NB Intern Naturalist	\$	9,160.00
01 24 6121000 11005	Employer FICA	\$	10,061.94
01 24 6121000 11105	Employer IPERS	\$	12,004.26
01 24 6121000 11315	Health Insurance	\$	31,884.96
01 24 6121000 11325	Life Insurance	\$	267.22
01 24 6121000 26105	Study Material Exhibit	\$	2,657.56
01 24 6121000 29405	Uniform	\$	<u>434.67</u>
		\$	193,635.03

<b>DEPARTMENT 24 TOTALS</b>	<b>\$ 2,663,966.03</b>
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**JOHNSON COUNTY CONSERVATION BOARD  
REVENUE REPORT  
CONSERVATION GENERAL FUND - DEPARTMENT 24  
JULY 1, 2019 - JUNE 30, 2020**

Revenue Sources:

<b>Conservation Administration</b>		
01 24 6100000 81002	Donations	\$ 2,767.37
01 24 6100000 92004	Surplus Property Sales	\$ 68.60
		<u>\$ 2,835.97</u>
<b>Conservation Maintenance &amp; Operation</b>		
01 24 6110000 52001	General Camping Fees	\$ 109,613.00
01 24 6110000 52011	Youth Group Camp Fees	\$ 3,305.00
01 24 6110000 52301	Shelter Fees	\$ 23,583.00
01 24 6110000 83901	Firewood Sales	\$ 5,908.17
		<u>\$ 142,409.17</u>
<b>Recreation Services</b>		
01 24 6120000 52201	Boat Fees	\$ 5,855.00
01 24 6120000 52901	Misc. Recreation Fees	\$ 1,640.00
		<u>\$ 7,495.00</u>
<b>TOTALS</b>		<b>\$152,740.14</b>



**JOHNSON COUNTY CONSERVATION BOARD  
FINANCIAL REPORT  
SPECIAL RESOURCE ENHANCEMENT (REAP) - DEPARTMENT 32  
JULY 1, 2019 - JUNE 30, 2020**

Expenditures:

**Nonprogram & Other Uses  
Conservation Land Acquisition**

09 32 0210000 21905	Construction Material	\$ 10,792.14
09 32 0210000 29905	Education Program Supplies	\$ 4,693.57
09 32 0210000 42705	Professional Fees	<u>\$ 11,863.19</u>

**DEPARTMENT 32 TOTALS                      \$ 27,348.90**

**JOHNSON COUNTY CONSERVATION BOARD  
REVENUE REPORT  
SPECIAL RESOURCE ENHANCEMENT (REAP) - DEPARTMENT 32  
JULY 1, 2019 - JUNE 30, 2020**

Revenue Sources:

**Nonprogram & Other Uses  
Conservation Land Acquisition**

09 32 0210000 26512	Special Resource Enhancement	\$ 38,379.00
09 32 0210000 60004	Interest	<u>\$ 6,635.63</u>

**DEPARTMENT 32 TOTALS                      \$ 45,014.63**

**JOHNSON COUNTY CONSERVATION BOARD  
FINANCIAL REPORT  
CONSERVATION TRUST - DEPARTMENT 82  
JULY 1, 2019 - JUNE 30, 2020**

Expenditures:

<b>Nonprogram &amp; Other Uses Conservation Land Acquisition</b>			
21 82 0210000 20335	Memorial Tree Program	\$	757.04
21 82 0210000 29005	Minor Equipment & Supplies/EE/Special Projects	\$	43,070.82
21 82 0210000 42325	Engineering & Professional Fees	\$	48,885.00
21 82 0210000 44105	Contracted Construction	\$	418,083.62
21 82 0210000 60005	Land Acquisition	\$	1,164.59
21 82 0210000 61005	Building Construction	\$	9,538.82
21 82 0210000 63005	Ag-Hort Equipment Purchase	\$	148,092.28
21 82 0210000 63105	Construction Equipment Purchase	\$	84,907.00
21 82 0210000 63505	Motor Vehicle Purchase	\$	97,668.82
<b>Wetland Mitigation Bank</b>			
21 82 0210100 48305	Ag & Hort Services/WMB	\$	407,274.20
DEPARTMENT 82 TOTALS		\$	1,259,442.19

**JOHNSON COUNTY CONSERVATION BOARD  
REVENUE REPORT  
CONSERVATION TRUST - DEPARTMENT 82  
JULY 1, 2019 - JUNE 30, 2020**

Revenue Sources:

<b>Nonprogram &amp; Other Uses Conservation Land Acquisition</b>			
21 82 0210000 28902	Grants Received	\$	959,997.41
21 82 0210000 60004	Interest	\$	19,468.68
21 82 0210000 61004	Rent	\$	14,147.61
21 82 0210000 81002	Donations	\$	2,320.00
21 82 0210000 81013	Donations/Wings 2 Water	\$	10,926.00
21 82 0210000 81042	Donations/Memorial Tree Program	\$	1,800.00
21 82 0210000 91000	Bond Proceeds/Conservation Trust	\$	80,375.00
21 82 0210100 62901	Sale of Wetland Credits	\$	212,505.00
TOTALS		\$	1,301,539.70
Transfer of Department 24 Revenue - FY 19		\$	110,654.00
TOTALS		\$	1,412,193.70



**JOHNSON COUNTY CONSERVATION BOARD  
FINANCIAL REPORT  
CONSERVATION BOND - DEPARTMENT 83  
JULY 1, 2019 - JUNE 30, 2020**

Expenditures:

22 83 0210000 60005	Land Acquisition	\$ 1,289,434.38
22 83 0210000 60105	Land Improvements	\$ 4,334.60
22 83 0210000 61005	Construction	<u>\$ 727,055.87</u>

**DEPARTMENT 83 TOTALS    \$ 2,020,824.85**

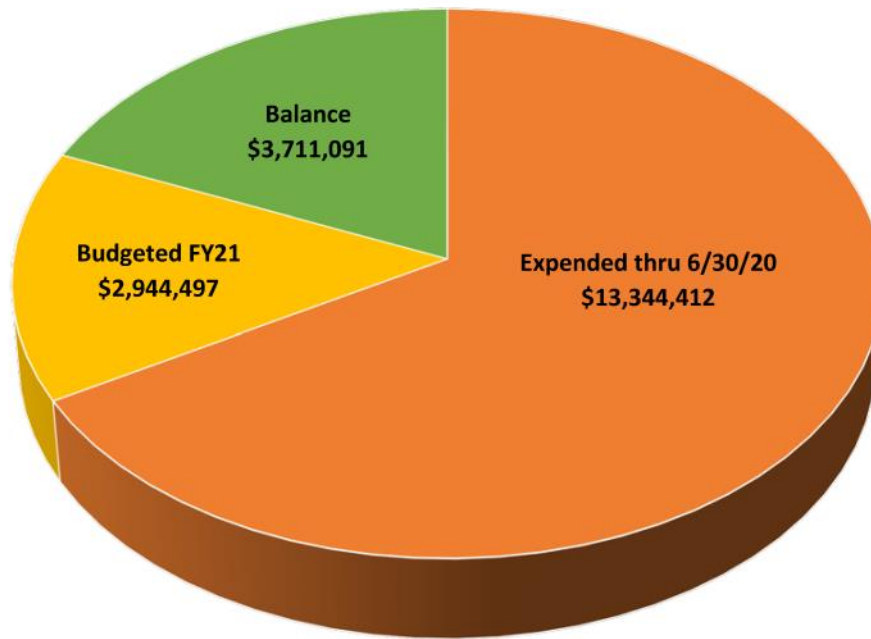


The Conservation Bond sign is used to identify areas and projects that are funded through the Conservation Bond Program. The signs are posted throughout the county at Ciha Fen, Cedar River Crossing, Pechman Creek Delta, Clear Creek Trail, Hoover Trail, Mehaffey Trail, Kent Park Lake Restoration and Cangleska Wakan.

# Conservation Bond Summary

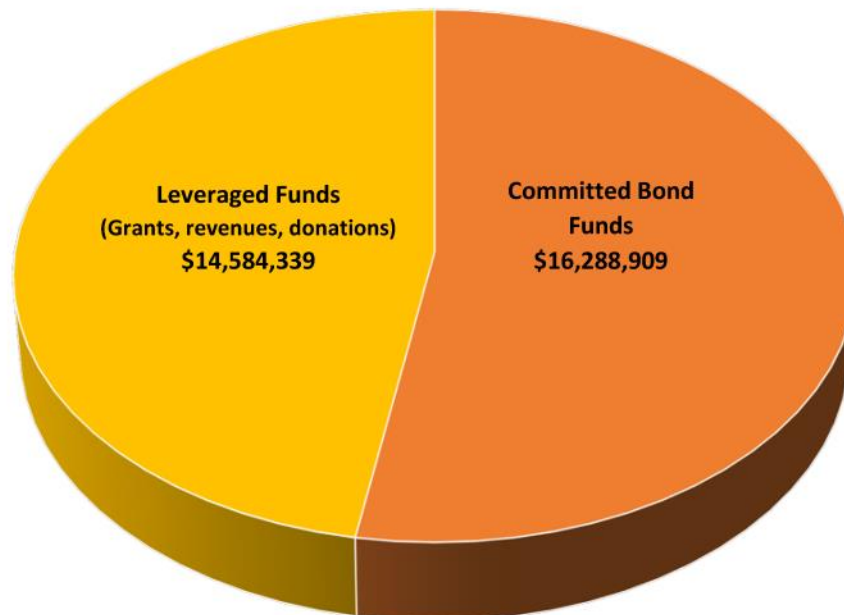
## \$20 Million Conservation Bond

end of FY20 - July 1, 2020



## Bond Leverage Summary

end of FY20 - July 1, 2020





# Conservation Bonding Projects Implementation Schedule and Budget

7/1/2020

YEAR	PROJECT																	TOTAL 1,100.7 acres
	Lake Restoration 9.5 acres	Ciha Fen 81 acres	Reif Prairie /Fen 100 acres	Clear Creek Trail I 83 acres	KP Shower House, Beach, Entry, ADA Restrooms	Schwab Burford Acquis. 132 acres	Mehaffey Bridge Trail	Land Acquis.	Tiffin Trail	Hoover Trail I 49.5 acres	Cedar River Crossing 174 acres	Clark's & Wetland Bank CRC 61 acres	Sutliff Bridge Access	Clear Creek Trail II 22.2 acres	Pechman Creek Delta 380 acres	Hoover Trail II 8.5 acres	Admin.	
2010				289,281														289,281
2011																	11,324	11,324
2012		283,966		11,364														295,330
2013				77,654														77,654
2014					130,118					16,142	1,250		2,776				2,000	152,286
2015	6,300				366,012			452		272,693	415,312		26,659	35,929	2,600	1,625		1,127,582
2016	62,700				5,369		76,150	2,944		140,349	2,505	73,401	84,799	18,755	1,214,430			1,681,401
2017	94,765				17,501		78,872	11,446		28,840		216,906	4,200	157,628				610,157
2018	523,665				897	4,500	161,291			409,330		1,308,282		130,682		16,617	1,799	2,557,063
2019	587,118					1,857,400	1,165,411	1,000		739,639		70,128		89		100,727		4,521,512
2020	99,753					1,180,335	176,982			529,124		26,318				8,313		2,020,825
2021	72,000		650,000		23,270			157,439	100,000	656,042		64,059		880,000		391,687		2,994,497
2022								1,250,000						3,000,000				
2023								700,000										
2024																		
2025																		
2026																		
2027																		
2028																		
BONDING	1,446,301	283,996	650,000	378,299	543,167	3,042,235	1,658,706	173,281	100,000	2,792,159	419,067	1,759,094	118,434	1,223,083	1,217,030	127,282	15,123	16,338,912
GRANTS																		
DONATIONS	1,554,150	172,145	400,000	512,642		1,098,000	1,257,441	500,000		3,037,054		5,500,000 <sup>1</sup>		377,260	675,647			15,084,339
REVENUE																		
TOTAL	3,000,451	456,141		890,941			2,916,147				419,067				1,892,677			31,423,251

Bonding budget numbers are for committed & expended funds through June 30, 2020. Italics after 2020, represent project cost estimates, grant and bond funds combined. <sup>1</sup> Represents revenues projected from development of the wetland bank project. Projects with blank totals at the bottom are on-going projects.

**GRANTS, GIFTS, RENT, DONATIONS AND COOPERATIVE AGREEMENTS**  
**FISCAL YEAR 2020**

Idaho Trek Scholarships - Friends of Johnson County Conservation	\$ 950.00
Donation - Melloy - MRS Appraisal	\$ 500.00
Donation - Heaton	\$ 400.00
Interest	\$ 1,986.76
Grant - IDNR - FW Kent Park Lake Restoration	\$ 426,274.73
Grant - Fish Habitat - FW Kent Park Lake Restoration	\$ 93,750.00
Department 24 FY19 Transfer	\$ 110,654.00
Donation - CEC Donation Box	\$ 90.00
Memorial Tree Plaque - H Dolder	\$ 25.00
Memorial Tree Plaque - J Gurwell	\$ 25.00
Interest	\$ 1,904.66
Wetland Credit Sale - Larsen Builders	\$ 99,910.00
Grant - IDOT - Hoover Trail	\$ 8,105.04
Grant - IDOT - Hoover Trail	\$ 15,000.00
Wetland Credit Sale - IDOT	\$ 11,700.00
Donation - CEC Donation Box	\$ 220.00
Interest	\$ 1,820.68
Wetland Credit Sale - Greenbelt Trail LLC	\$ 17,945.00
Donation - Pete Trotter Memorial - Hileman	\$ 50.00
Memorial Tree Plaque - M Michael	\$ 10.00
Donation - Wings 2 Water - B Freidhof	\$ 1.00
Donation - BOS - Vehicle & Equipment Expenses	\$ 80,375.00
Interest	\$ 2,215.73
Farm Ground Rental - Westfall	\$ 6,843.75
Donation - Wings 2 Water - L Gullett	\$ 25.00
Donation - Wings 2 Water - K Johnson	\$ 25.00
Donation - Wings 2 Water - B Svatos	\$ 100.00
Interest	\$ 2,425.31
Donation - Wings 2 Water - J Robinson	\$ 100.00
Donation - Wings 2 Water - D Lubaroff	\$ 25.00
Donation - Wings 2 Water - Mead & Hunt Inc	\$ 2,500.00
Donation - Wings 2 Water - SSP America	\$ 2,500.00
Donation - Wings 2 Water - P Price	\$ 500.00
Farm Ground Rental - Bountiful Harvest Farms LLC	\$ 460.11
Interest	\$ 1,318.97
Donation - Wings 2 Water - Foth Infrastructure & Environment LLC	\$ 5,000.00
Grant - IDOT - Hoover Trail	\$ 353,495.59
Donation - Wings 2 Water - B Cherascu	\$ 100.00
Donation - Wings 2 Water - S Ongie	\$ 25.00
Donation - Wings 2 Water - G Starbeck-Miller	\$ 25.00
Interest	\$ 1,247.76



Farm Ground Rental - Westfall	\$ 6,843.75
Donation - Four Seasons Garden Club	\$ 100.00
Grant - IDOT - Mehaffey Bridge Trail	\$ 62,872.05
Interest	\$ 1,854.25
Memorial Bench - D Otto	\$ 1,000.00
Grant - JC Public Health	\$ 500.00
Wetland Credit Sale - Capital One Properties	\$ 12,610.00
Wetland Credit Sale - City of Cedar Rapids	\$ 71,240.00
Interest	\$ 1,489.09
Deposit into Wetland Credit Long Term Trust	\$ (900.00)
Interest	\$ 1,662.85
Interest	\$ 1,163.63
Memorial Trees - Vermace	\$ 750.00
Interest	\$ 378.99
<b>TOTAL</b>	<b>\$ 1,412,193.70</b>

# **AREA & FACILITIES INVENTORY**



**The spring migration at Cedar River Crossing. March 3, 2020**

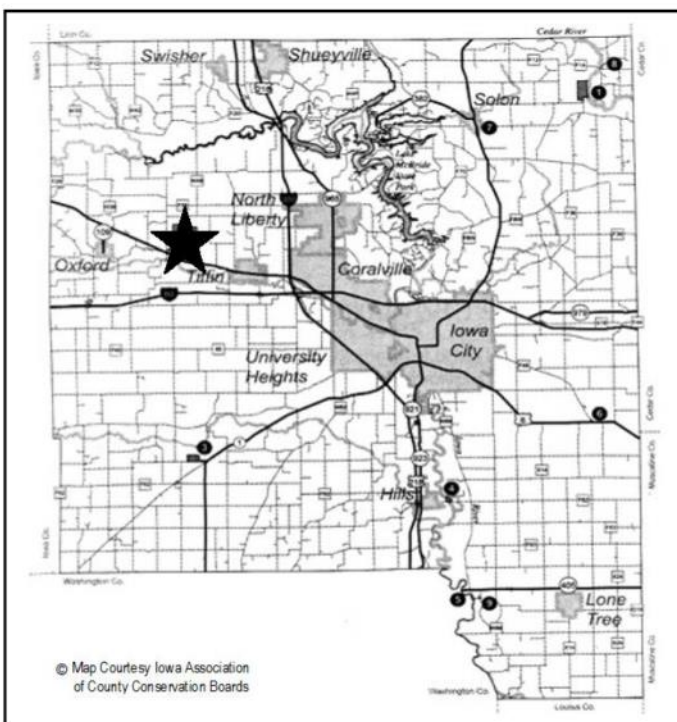


# F. W. Kent Park

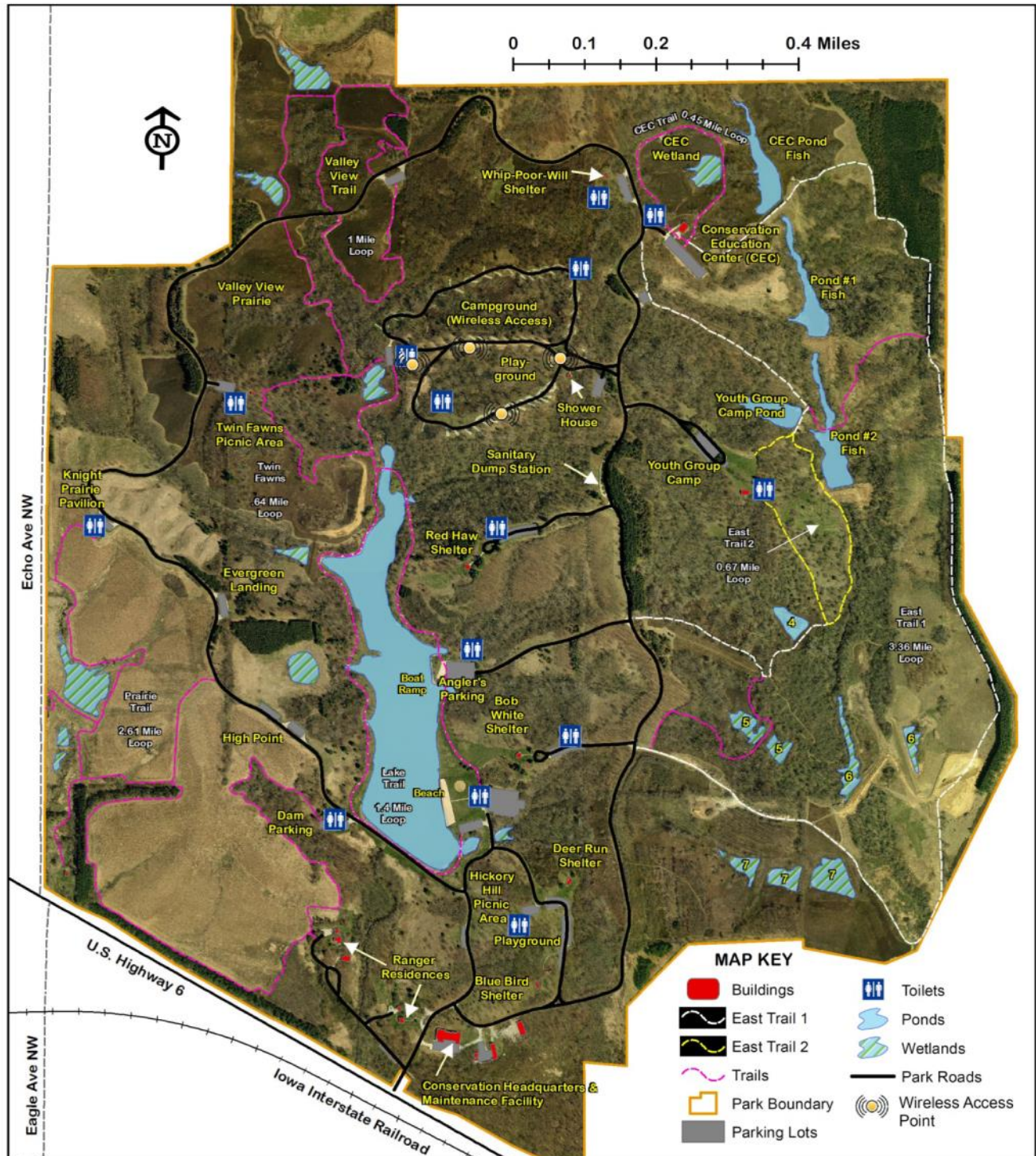
2048 Highway 6 NW  
Oxford, IA 52322

<b>Owner</b>	Johnson County
<b>Managed by</b>	Johnson County Conservation Board
<b>Acquired</b>	1966, 1973, 1988 and 2001
<b>Location</b>	3 miles west of Tiffin
<b>Classification</b>	County Park
<b>Acreage</b>	1,082 acres
<b>Site Amenities</b>	Conservation Education Center Youth Group Camp – all- weather building & 5 group campsites Campground – With 86 sites with 50 amp electrical Shower house/restroom 27.4 acre lake Swimming beach Boat ramp Hiking and nature trails – 9.5 miles 7 historic bridges on lake trail 6 picnic shelters 14 pit toilets Potable water Roads and parking Constructed wetlands Prairie restorations Reforested areas Conservation Board Headquarters and Maintenance Facility Knight Prairie Pavilion
<b>Recreational Activities</b>	Picnicking Boating Fishing Swimming Hiking Camping – family & youth groups Nature education Geocaching

**Aerial Photo** (see next page)



# F.W. Kent Park



Johnson County  
Conservation Board  
2048 Hwy 6 NW  
Oxford, IA 52322  
Phone: (319) 645-2315  
Fax: (319) 645-2204  
Email: [conservation@co.johnson.ia.us](mailto:conservation@co.johnson.ia.us)  
Website: <http://www.johnson-county.com/conservation>

## F.W. Kent Park

### TRAIL LENGTHS

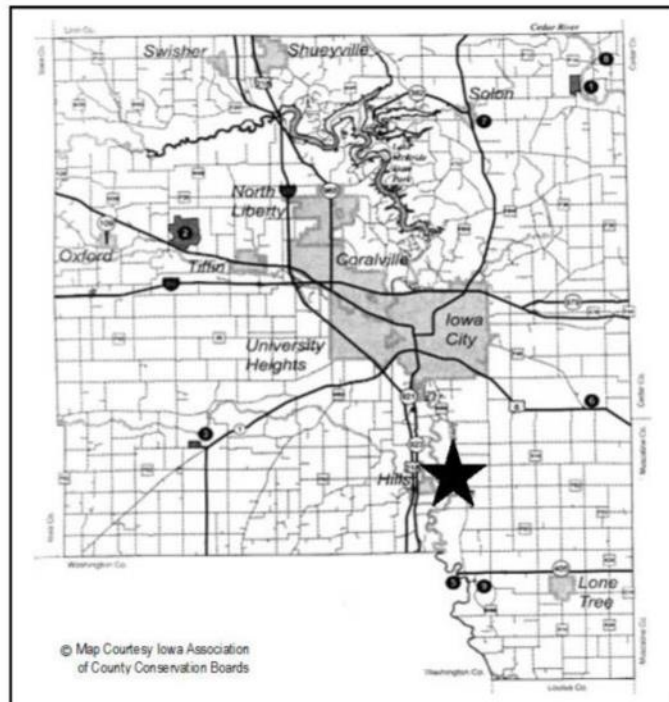
CEC Trail Loop: 0.45 miles  
East Loop 1: 3.36 miles  
East Loop 2: 0.67 miles  
Lake Trail Loop: 1.4 miles  
Prairie Trail Loop: 2.61 miles  
Twin Fawns Loop: 0.64 miles  
Valley View Trail Loop: 1.0 mile



# Hills Access

4210 - 520<sup>th</sup> Street NE SE  
Hills, IA 52235

<b>Owner</b>	Johnson County
<b>Managed by</b>	Johnson County Conservation Board
<b>Acquired</b>	1973
<b>Location</b>	½ mile east of Hills
<b>Classification</b>	Multiple-Use River Access Area
<b>Acreage</b>	40 acres
<b>Site Amenities</b>	Boat ramp Picnic tables Potable water Concrete fire slabs Playground Concrete block double vault latrine Campground – 14 Electrical (50 amp), 5 non-electrical



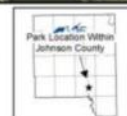
<b>Recreational Activities</b>	Picnicking Boating Fishing Camping Geocaching
--------------------------------	---

Aerial Photo



Johnson County Conservation Board  
2048 Highway 6 NW  
Oxford, IA 52232  
Phone: (319) 645-2315  
Fax: (319) 645-2204  
Email: [conservation@co.johnson.iowa.us](mailto:conservation@co.johnson.iowa.us)  
Website: [www.johnson-county.com/conservation](http://www.johnson-county.com/conservation)

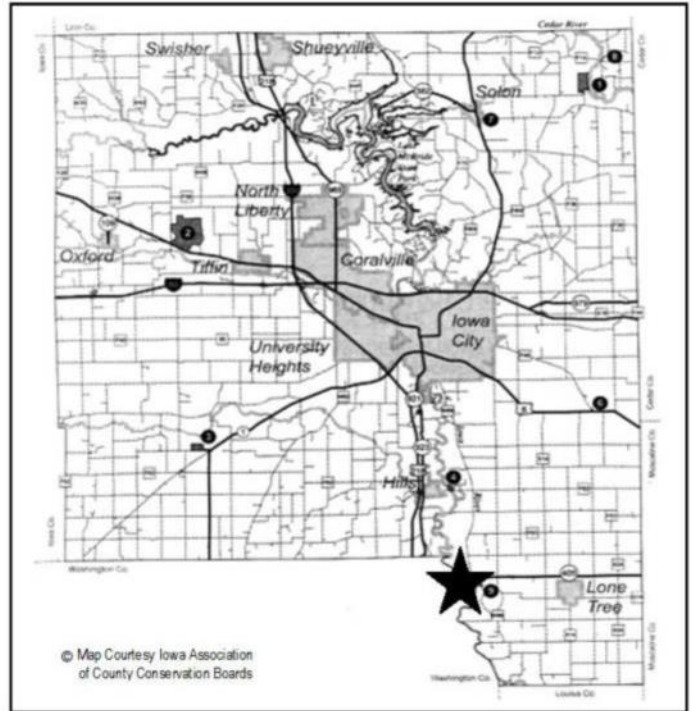
**Hills Access**



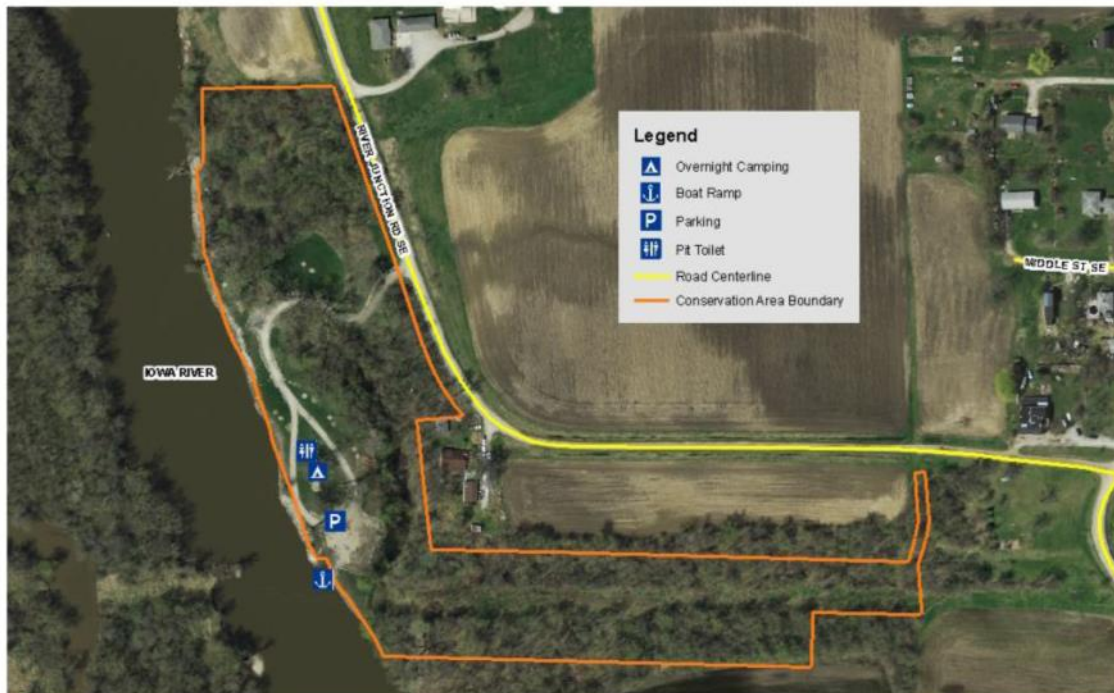
# River Junction and Iowa River Water Trail

6051 River Junction Road SE  
Lone Tree, IA 52755

<b>Owner</b>	Johnson County
<b>Managed by</b>	Johnson County Conservation Board
<b>Acquired</b>	1971
<b>Location</b>	3 1/2 miles west of Lone Tree
<b>Classification</b>	Multiple-Use River Access Area
<b>Acreage</b>	12 acres
<b>Site Amenities</b>	Boat ramp Picnic tables Pit toilet Potable water Camping
<b>Recreational Activities</b>	Picnicking Boating Fishing Geocaching



## Aerial Photo



Johnson County Conservation Board  
2848 Highway 6 NW  
Oxford, IA 52322  
Phone: (319) 645-2315  
Fax: (319) 645-2284  
Email: [conservation@jco.johnsonia.us](mailto:conservation@jco.johnsonia.us)  
Website: [www.johnson-county.com/conservation](http://www.johnson-county.com/conservation)

## River Junction Access

0 120 240 480 720 960 Feet





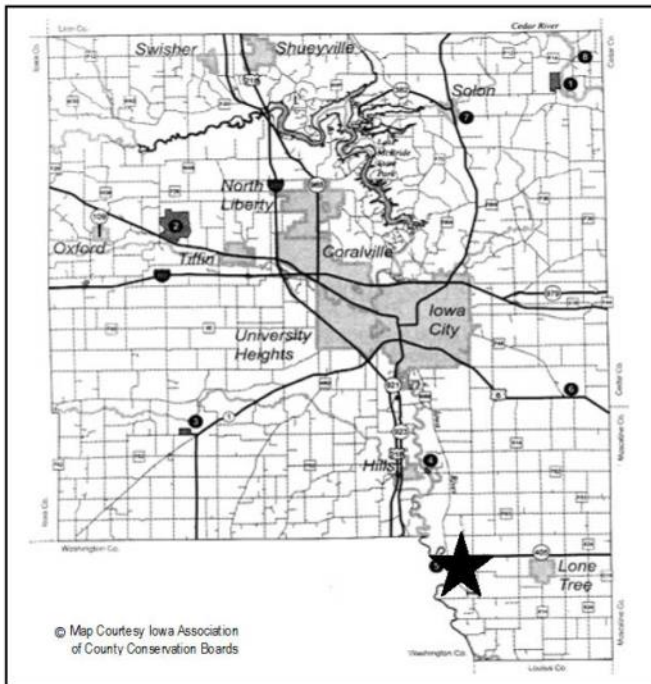
# Walker Park

6078 Otter Creek Road  
Lone Tree, IA 52755

<b>Owner</b>	Johnson County
<b>Managed by</b>	Johnson County Conservation Board
<b>Acquired</b>	1971
<b>Location</b>	3 miles west of Lone Tree
<b>Classification</b>	County Park
<b>Acreage</b>	3 acres
<b>Site Amenities</b>	Henry J. Walker Memorial Building Log cabin Picnic shelter and tables Flagpole Toilets

**Recreational Activities** Picnicking  
Old Settlers' Association activities held annually in April and September

**Aerial Photo**



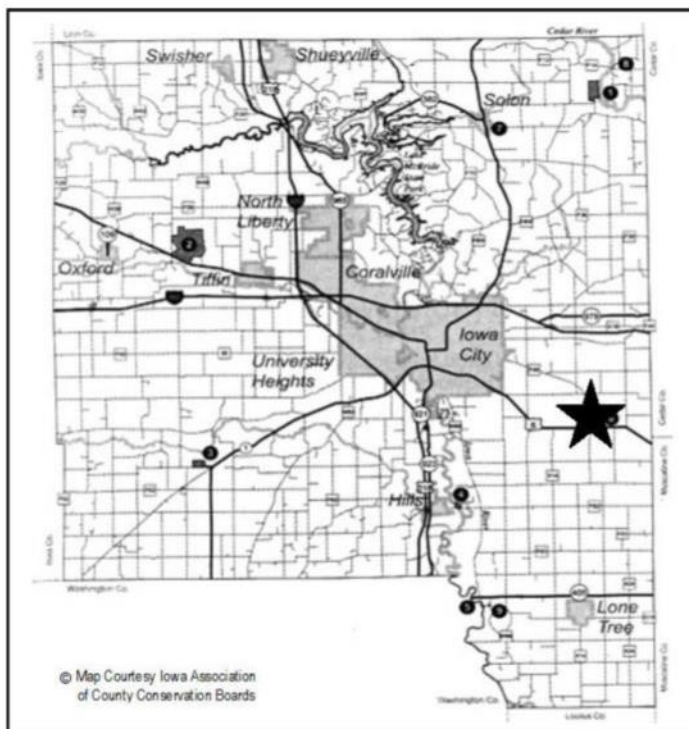
Johnson County Conservation Board  
2048 Highway 6 NW  
Oxford, IA 52322  
Phone: (319) 645-2315  
Fax: (319) 645-2204  
Email: [conservation@co.johnsonia.us](mailto:conservation@co.johnsonia.us)  
Website: [www.johnson-county.com/conservation](http://www.johnson-county.com/conservation)



# Scott Church Area

5409 American Legion Road SE  
Iowa City, IA 52240

<b>Owner:</b>	Iowa Department of Transportation
<b>Managed by:</b>	Johnson County Conservation Board
<b>Acquired in:</b>	1965
<b>Location:</b>	6 miles southeast of Iowa City
<b>Classification:</b>	County Park
<b>Acreage:</b>	5 acres
<b>Site Amenities:</b>	Picnic shelter and tables Swing set Potable water Pit toilet Reconstructed prairie Wildlife habitat
<b>Recreational Activities:</b>	Picnicking Geocaching



## Aerial Photo



Johnson County Conservation Board  
2048 Highway 6 NW  
Oxford, IA 52322  
Phone: (319) 645-2315  
Fax: (319) 645-2204  
Email: [conservation@co.johnson-ia.us](mailto:conservation@co.johnson-ia.us)  
Website: [www.johnson-county.com/conservation](http://www.johnson-county.com/conservation)

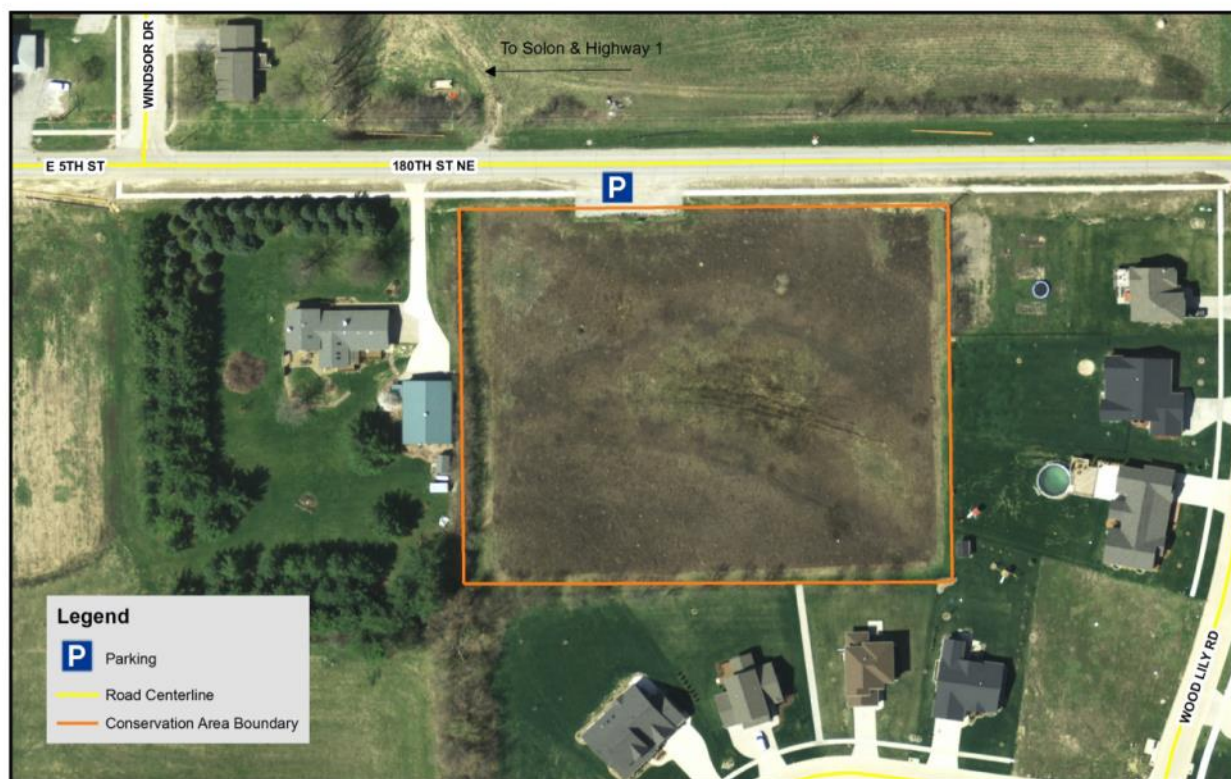
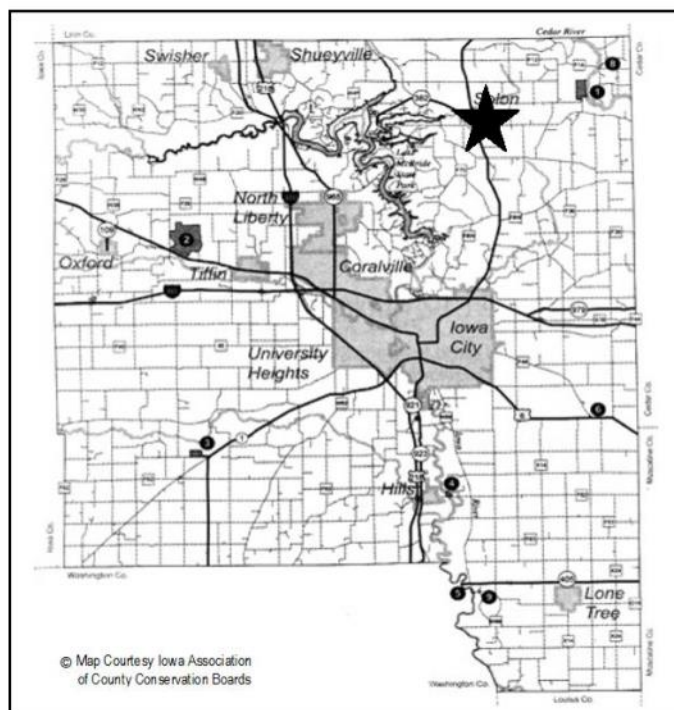




# Solon Prairie

East 5<sup>th</sup> Street  
Solon, IA 52333

<b>Owner</b>	Johnson County
<b>Managed by</b>	Johnson County Conservation Board
<b>Acquired</b>	1983
<b>Location</b>	In the City of Solon on south side of 5th Street east of Hwy 1
<b>Classification</b>	Special Use Area
<b>Acreage</b>	3 acres
<b>Site Amenities</b>	Small parking area adjacent to 5th Street
<b>Recreational Activities</b>	Botanical study area
<b>Aerial Photo</b>	



Johnson County Conservation Board  
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Oxford, IA 52322  
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Website: [www.johnson-county.com/conservation](http://www.johnson-county.com/conservation)

**Solon Prairie**



0 62.5 125 250 375 500 Feet

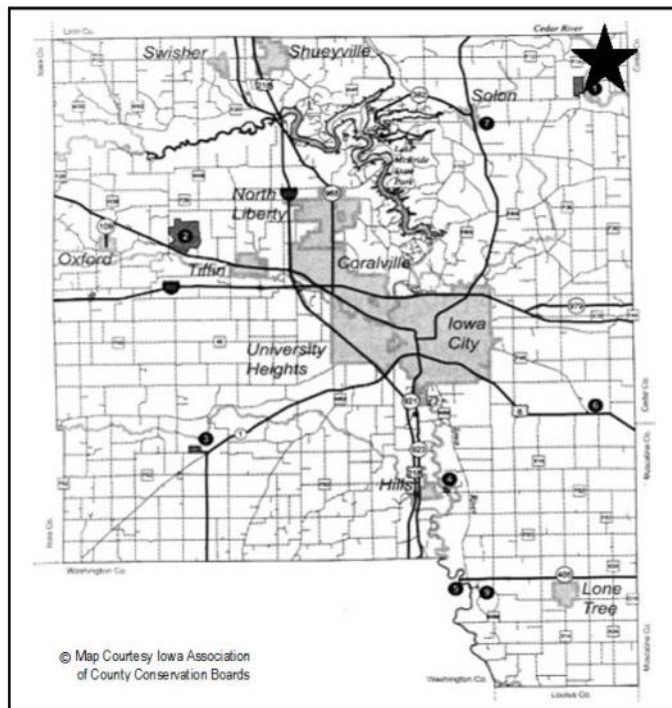


# Sutliff Access

1293 White Oak Avenue NE  
Lisbon, IA 52253

<b>Owner</b>	Iowa Department of Natural Resources
<b>Managed by</b>	Johnson County Conservation Board
<b>Acquired</b>	25-year management agreement began in 1986
<b>Location</b>	East bank of Cedar River in the village of Sutliff
<b>Classification</b>	Multiple-Use River Access Area
<b>Acreage</b>	0.5 acre
<b>Site Amenities</b>	Boat ramp Picnic table
<b>Recreational Activities</b>	Boating Fishing Picnicking

## Aerial Photo



Johnson County Conservation Board  
2048 Highway 6 NW  
Oxford, IA 52322  
Phone: (319) 645-2315  
Fax: (319) 645-2204  
Email: [conservation@co.johnson-ia.us](mailto:conservation@co.johnson-ia.us)  
Website: [www.johnson-county.com/conservation](http://www.johnson-county.com/conservation)

**Sutliff Access**



0 40 80 160 240 320 Feet





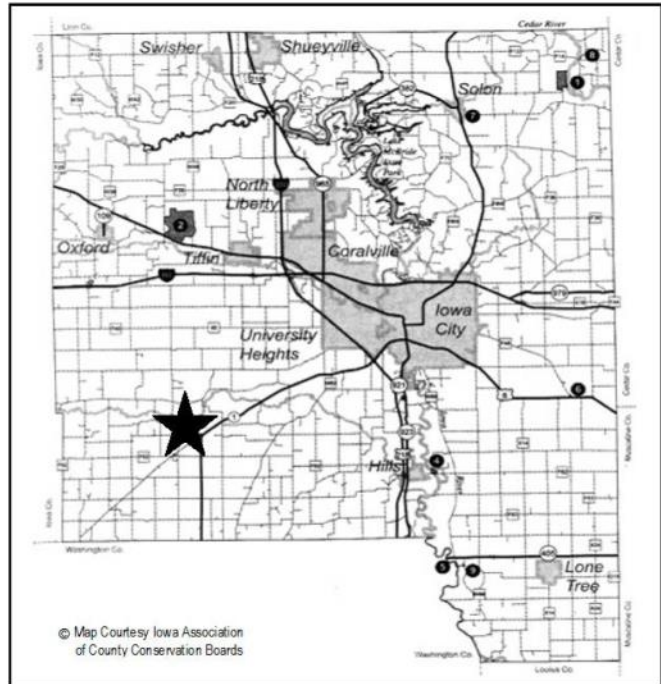
# Frytown Conservation Area

2198 Angle Road SW

Kalona, IA 52247

<b>Owner</b>	Johnson County
<b>Managed by</b>	Johnson County Conservation Board
<b>Acquired</b>	1973
<b>Location</b>	10 miles southwest of Iowa City
<b>Classification</b>	Conservation Area
<b>Acreage</b>	94 acres
<b>Site Amenities</b>	Maintenance roads doubling as hiking trails Footbridge
<b>Recreational Activities</b>	Public hunting: forest and upland habitat Hiking Bird-watching

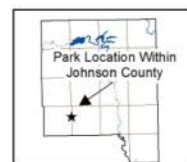
## Aerial Photo



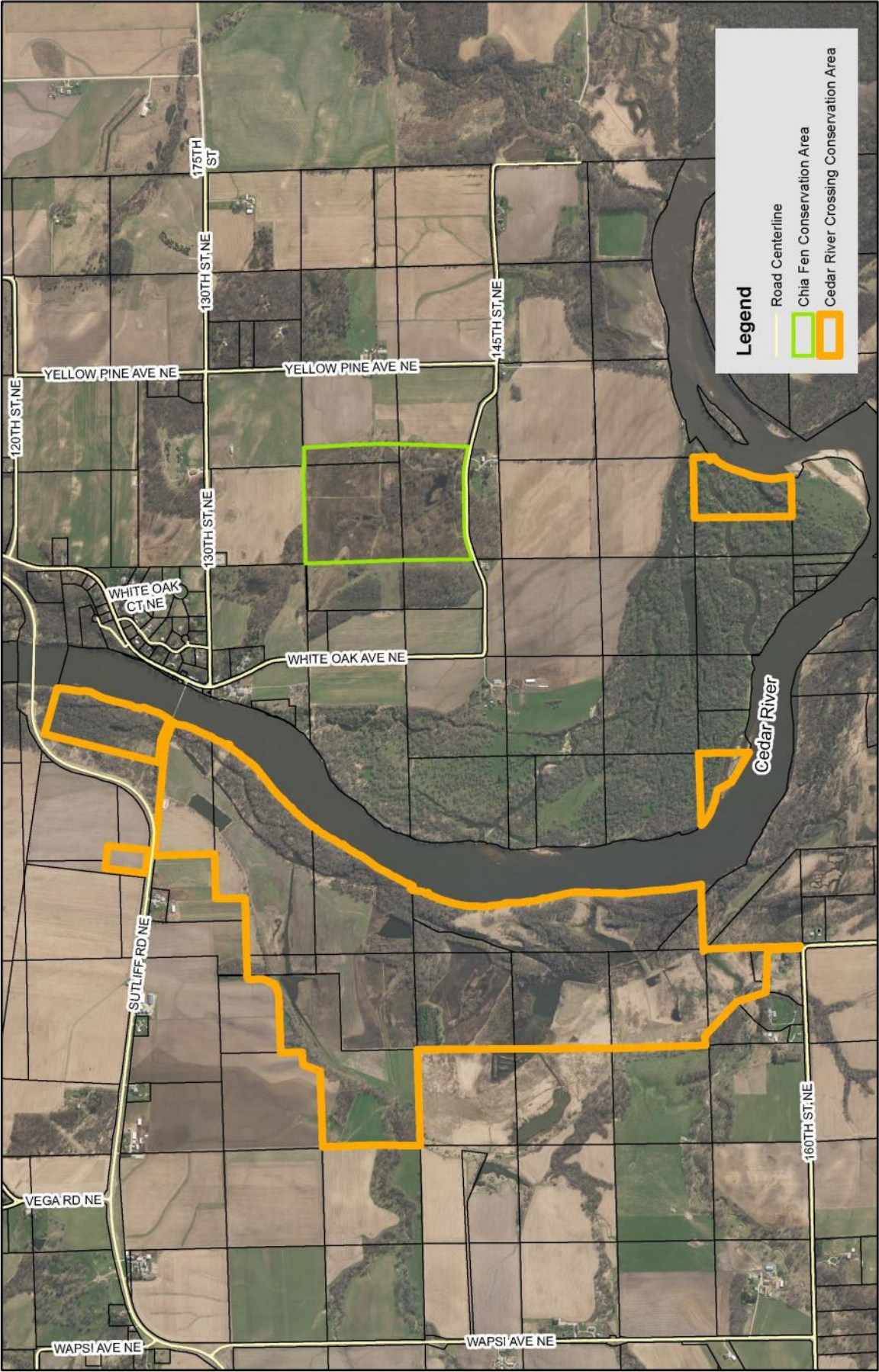
Johnson County Conservation Board  
2048 Highway 6 NW  
Oxford, IA 52322  
Phone: (319) 645-2315  
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Email: [conservation@co.johnson-ia.us](mailto:conservation@co.johnson-ia.us)  
Website: [www.johnson-county.com](http://www.johnson-county.com)

## Frytown Conservation Area

0 315 630 1,260 1,890 2,520 Feet

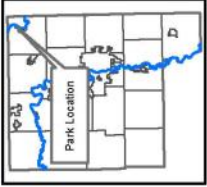




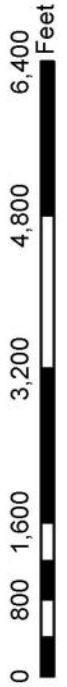


**Legend**

- Road Centerline
- Chia Fen Conservation Area
- Cedar River Crossing Conservation Area



# Cedar River Crossing



Johnson County Conservation Board  
 2048 Highway 6 NW  
 Oxford, IA 52322  
 Phone: (319) 645-2315  
 Fax: (319) 645-2204  
 Email: [conservation@co.johnson.ia.us](mailto:conservation@co.johnson.ia.us)  
 Website: [www.johnson-county.com/conservation](http://www.johnson-county.com/conservation)

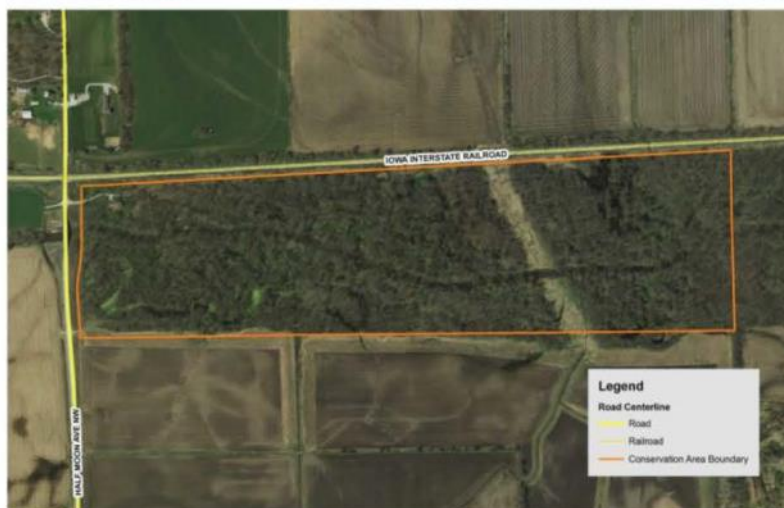


# Clear Creek Area and Clear Creek Trail

3196 Half Moon Avenue  
Tiffin, IA 52340

<b>Owner</b>	Johnson County
<b>Managed by</b>	Johnson County Conservation Board
<b>Acquired</b>	2009
<b>Location</b>	2 miles west of Tiffin on Highway 6 and ½ mile south, 3196 Half Moon Avenue, Tiffin, IA.
<b>Classification</b>	Conservation Area
<b>Acreage</b>	87 acres
<b>Site Amenities</b>	Creek bottom wildlife habitat, wetlands, Clear Creek runs through the entire property.
<b>Recreational</b>	Creek bottom timber and wetland habitat. The segment of the Clear Creek Trail from Ireland Avenue to Half Moon Avenue is under construction.
<b>Activities</b>	Hiking, bird-watching, wetland and stream study.

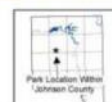
Aerial Photo



Johnson County Conservation Board  
2048 Highway 6 NW  
Oxford, IA 52322  
Phone: (319) 845-2315  
Fax: (319) 845-2304  
Email: conservation@jcc.johnson-ia.us  
Website: www.johnson-county.com/conservation

**Clear Creek Area**

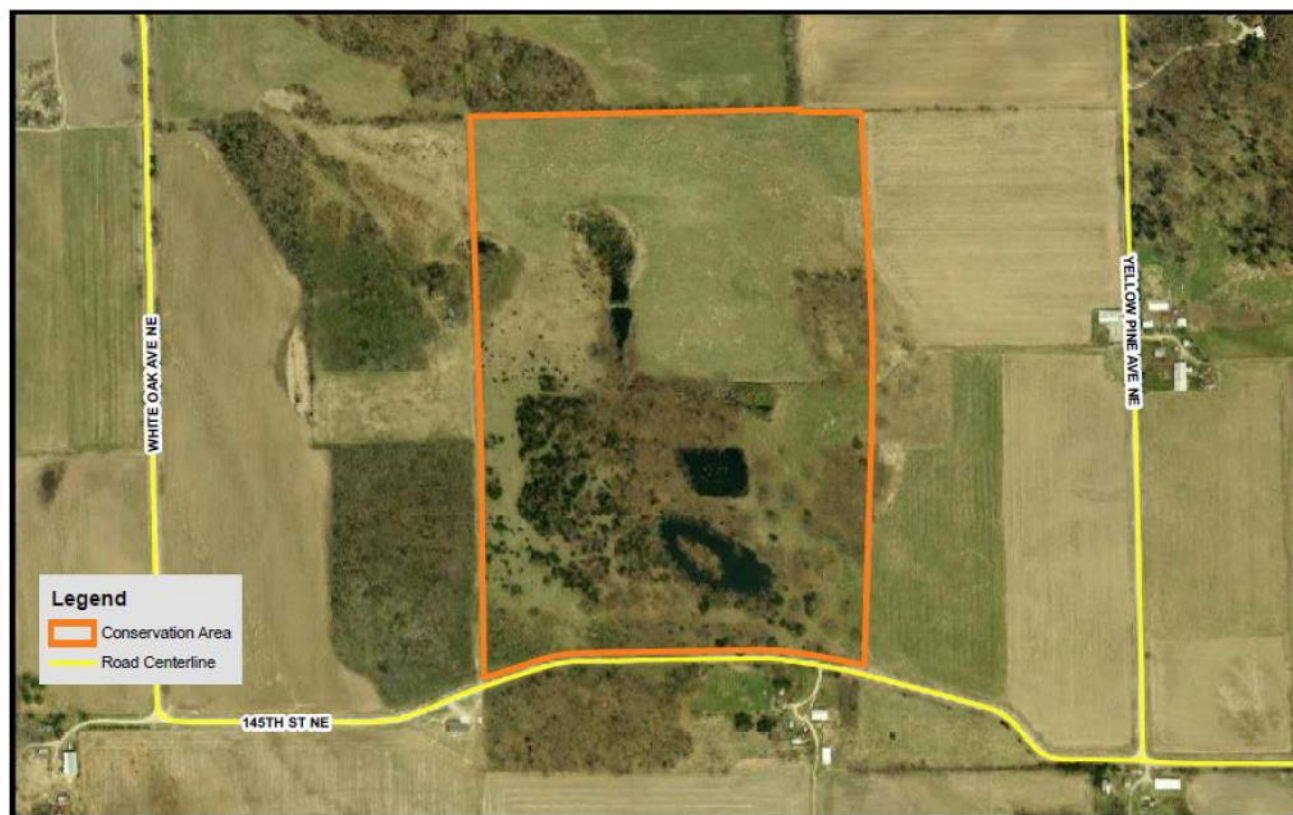
0 270 540 1,080 1,620 2,160 Feet



# Ciha Fen Preserve

5656 – 145<sup>th</sup> Street  
Lisbon, IA 52253

<b>Owner</b>	Johnson County
<b>Managed by</b>	Johnson County Conservation Board
<b>Acquired</b>	2011
<b>Location</b>	1 ½ miles SE of Sutliff, 5656 145 <sup>th</sup> Street, Lisbon, IA
<b>Classification</b>	Preserve
<b>Acreage</b>	80.97 acres
<b>Site Amenities</b>	Interpretive panel
<b>Recreational Activities</b>	Geological study, botanical study, bird-watching, fen, wetland and stream study.
<b>Aerial Photo</b>	



Johnson County Conservation Board  
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Oxford, IA 52322  
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Email: [conservation@co.johnson-ia.us](mailto:conservation@co.johnson-ia.us)  
Website: [www.johnson-county.com/conservation](http://www.johnson-county.com/conservation)

**Ciha Fen**

0 250 500 1,000 1,500 2,000 Feet



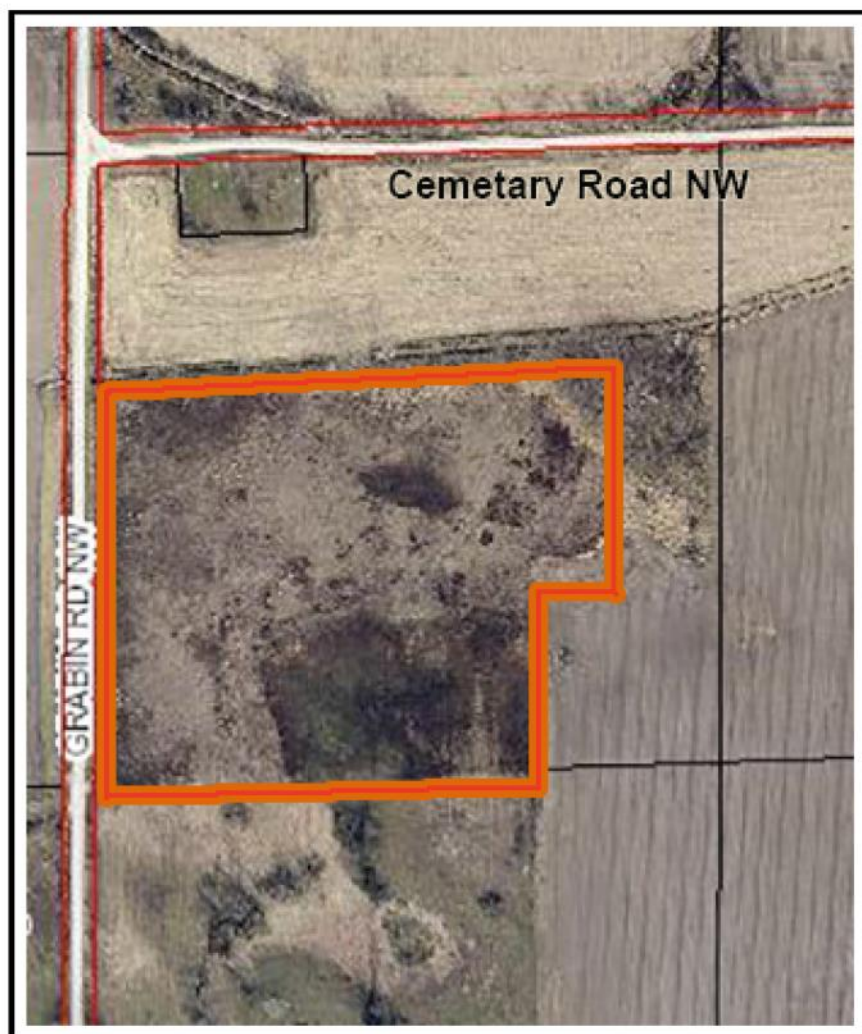


## ***Williams Prairie***

**2298 Grabin Road NW  
Oxford, IA 52322**

---

<b>Owner</b>	Johnson County
<b>Managed by</b>	Johnson County Conservation Board
<b>Acquired</b>	2013
<b>Location</b>	3 miles west of Oxford, 2298 Grabin Road NW, Oxford, IA
<b>Classification</b>	Preserve
<b>Acreage</b>	20 acres
<b>Site Amenities</b>	Wildlife habitat
<b>Recreational Activities</b>	Geological study, botanical study, bird-watching and photography.
<b>Aerial Photo</b>	



**Williams Prairie**



## Pechman Creek Delta

5875 Sand Rd SE

Lone Tree, Iowa 52755

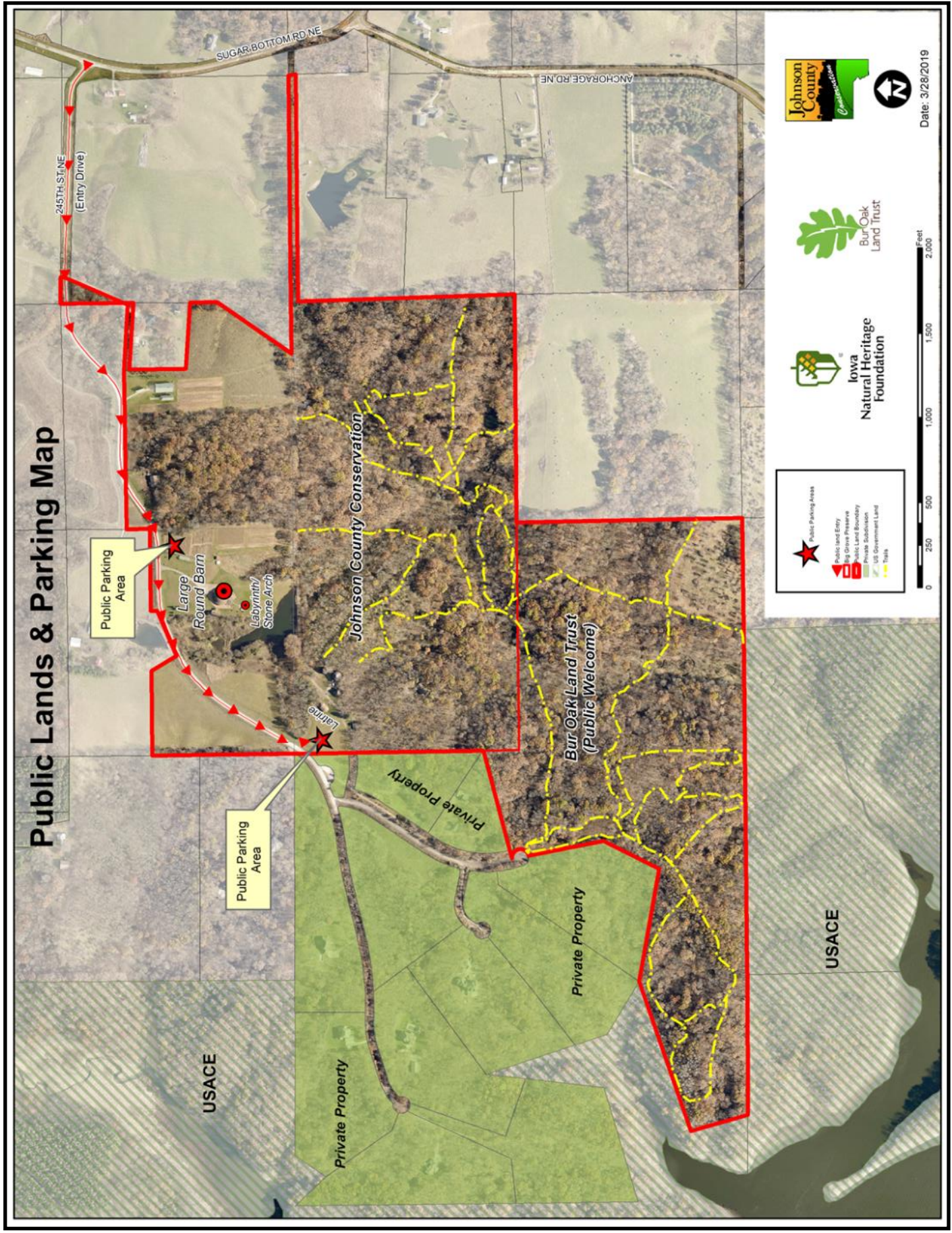
Acquired: March 2015

Size: 380 acres

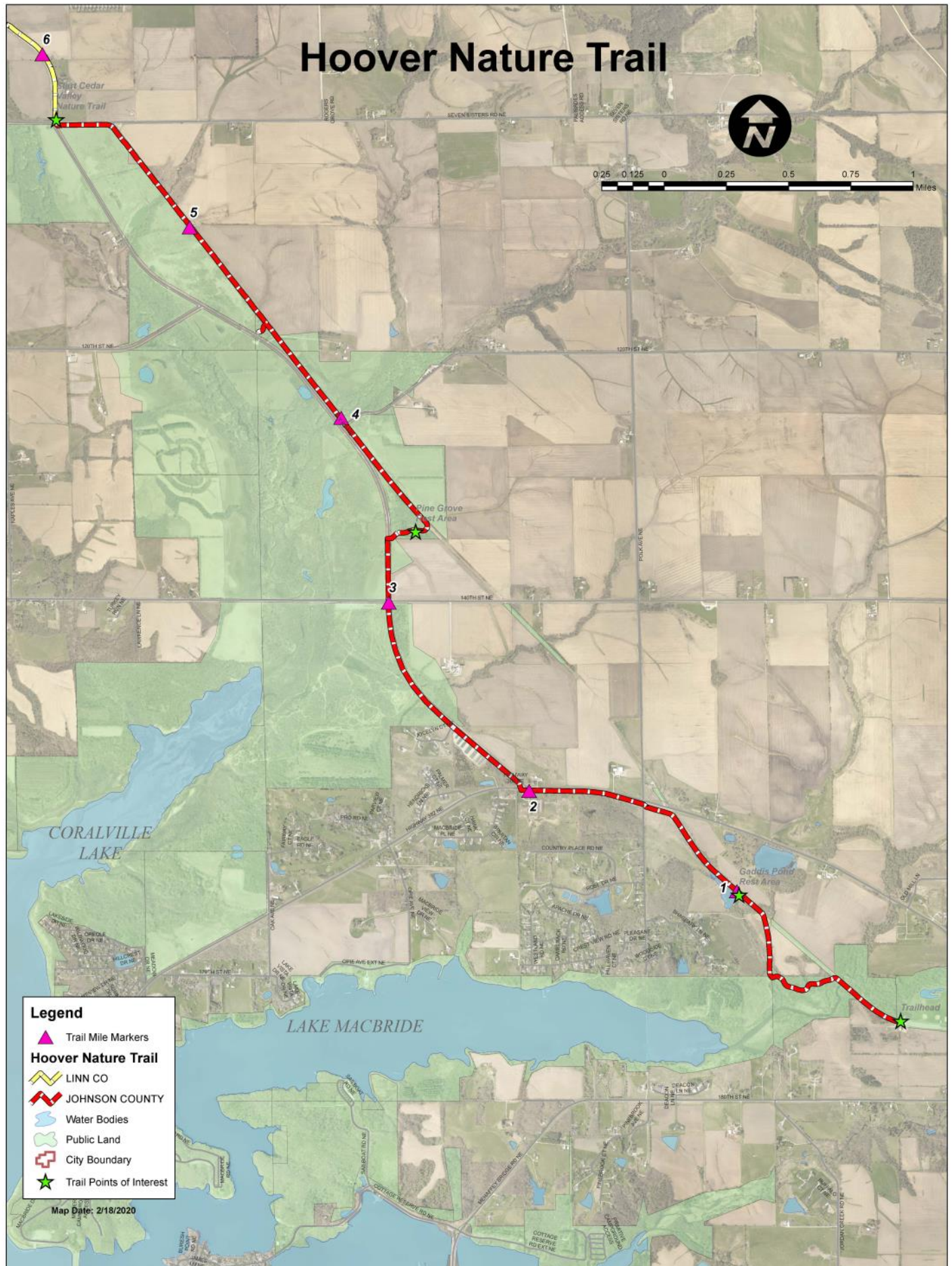
Use: ecological restoration and in the planning phase













## A detailed map titled "Mehaffey Bridge Trail" showing the trail's path along Coralville Lake. The trail is depicted as a red dashed line with two purple triangle markers labeled "1" and "2". The map includes a legend in the top right corner identifying symbols for Trail Mile Markers, Hoover Nature Trail, Johnson County, Water Bodies, Public Land, City Boundary, and Map Date (2/18/2020). A scale bar at the bottom left indicates distances from 0 to 0.5 miles, and a north arrow points towards the top left. The map shows various land parcels, some labeled with names like "Scales Bottom Campground" and "Hoover Nature Trail". The city boundary of North Liberty is outlined in red at the bottom right.



