



2013/2014 Capital Projects

6-Month Update



Fabyan West Forest Preserve — Shoreline Restoration

Forest Preserve District of Kane County
December 2013

Table of Contents

ADA Barriers Corrections3

Brunner Family Forest Preserve Barn Roof Repair5

Brunner Family Forest Preserve OSLAD Development Grant.....6

Burnidge/Paul Wolff Campground Improvements8

Demolitions10

Fabyan Forest Preserve Bridges and Island Improvements Project Phase I.....11

Fabyan Forest Preserve Parking Lot and Shoreline Stabilization Project13

Fox River Bluff West (Red Gate) Restrooms16

Fox River Trail Bridge Repair (Raymond Street – Elgin Area).....17

Great Western Trail Bridge Replacement20

Great Western Trail Trailhead at LeRoy Oakes Forest Preserve Restroom Replacement.....22

Illinois Prairie Path Elgin Branch Bridge Re-decking23

LeRoy Oakes Creek Bend Nature Center Woodland Exhibit Illinois Public Museum Grant25

Natural Resource Facility at the Meissner-Corron Forest Preserve27

Raceway Woods Forest Preserve Bridge Re-decking.....30

Reforestation Program.....31

Settlers Hill Golf Course Improvements Phase II33

Trail Resurfacing.....34

Tree and Brush Thinning Project - Contracted.....35

Weed Management Project - Contracted.....38

Wildlife Studies40

ADA Barriers Corrections

Fiscal Year: 2013-2014

Funding

Forest Preserve District: \$150,000
 Other: \$ 0
 Total Budget: \$150,000

Budget Breakdown

Consultant: \$ 0
 Contractor: \$150,000

Project Description

With the passing of the federal 2010 ADA Standards for Accessibility and Design, the Forest Preserve District Commission approved funding for an extensive ADA evaluation of our facilities. In the 2011-2012 fiscal year, funds for the Phase I evaluation were approved and in the 2012-2013 fiscal year the Phase II evaluation funds were approved.

District personnel worked with Recreation Accessibility Consultants (RAC) to produce a transition plan for correcting accessibility barriers to our forest preserve facilities and amenities. The Phase I and Phase II reports produced by RAC provide a list of barriers needing to be corrected. Collectively the Phase I and Phase II reports were broken down into Priority 1, Priority 2 and Priority 3 projects lists. Each priority list will encompass projects that will take the District several years to complete. To correct the Priority 1 barriers, RAC estimates a cost of approximately \$750,000 for facilities the District will be responsible for correcting.

Corrections will be made to the barriers over a 5 year period and \$150,000 in funds each year will be required. A District ADA Team has been formed to oversee the implementation of the District's ADA initiative and ongoing effort to maintain compliance.

Contacts

Staff Project Managers: Tracey Smith
 Consultants: Recreational Accessibility Consultant (RAC)
 Contractors: Various - see Financial Summary

Project Schedule

STAGE	PROJECTED	ACTUAL DATE
Project Start	June 11, 2013	Aug 6, 2013
Project Completion	Aug 16, 2013	Sept 20, 2013
Fabyan Change Order Approval		
• Utilization Committee	Aug 29, 2013	Aug 29, 2013
• Executive Committee	Sept 6, 2013	Sept 6, 2013
• Full Commission	Sept 10, 2013	Sept 10, 2013

2013 – 2014 Fiscal Year Updates

Jul 13	\$9,553.08 from the ADA budget was directed to the accessibility paving of the LeRoy Oakes Parking Phase II
Aug 13	Change order presented from previous 12/13 fiscal year budgeted contract with Schroeder Asphalt Services. Advised Commission about the on-site scope changes staff made in order to accommodate a transition shortage going from the old parking lot to the new parking area. Requested change order approval for \$5,540 (1,115 additional square feet of asphalt) for the Fabyan Lot A-1 in order to complete the ADA Parking Lot Improvement Project.
Sep 13	Planning for the ADA Committee meeting to compile bid information.
Dec 13	Accessible limestone screening trail at Fox River Bluff West, connecting main trail to accessibility complex (parking, restrooms, kiosk) - \$474.49 limestone + 833.00 culvert & blanket

Financial Summary

Budget:	\$150,000		
Expenses:	\$5,540	Schroeder Asphalt	Change order request ADA parking lot improvement project Fabyan Lot A-1.
	\$9,554	Abbey Paving	LeRoy Oakes Phase II Parking Improvements. Approximate funds needed for the ADA portion of the project.
	\$1,307	LaFarge	Materials needed to construct an accessible limestone trail connecting the main trail and the accessibility complex.
	\$16,401	Total to date	

Account # 03-21-24-6095

Brunner Family Forest Preserve Barn Roof Repair

Fiscal Year: 2013-2014

Funding

Forest Preserve District:	\$100,000
Other:	\$ 0
Total Budget:	\$100,000

Budget Breakdown

Engineer:	\$ 0
Contractor:	\$100,000

Project Description

The Brunner Family Forest Preserve is a 741 acre preserve located in the north east corner of the county and has over two miles of river frontage on the Fox River. Staff has completed a master plan for the site and applied and received an OSLAD grant to assist in developing the river front trail that will provide a trail connection from Buffalo Park Forest Preserve to the Carpentersville Dam. The proposed improvements include woodland and stream bank restoration, access drives, parking, picnic areas and interpretive trails. As part of this development it was decided by the Housing and Structures Sub-committee that the dairy barn structure on this property remain as part of it's agricultural heritage. \$100,000 was budgeted in the FY13/14 to be allocated for the replacement of the existing deteriorating roof of the barn.

Contacts

Staff Project Manager: John Goreth
 Engineer:

Project Schedule

STAGE	PROJECTED DATE	ACTUAL DATE
Construction Bid Approval		
▪ Utilization Committee	March 2014	
▪ Executive Committee	April 2014	
▪ Full Commission	April 2014	
Construction Start	June 2014	
Construction Completion	June 2015	

2013 – 2014 Fiscal Year Updates

Sep 13	Staff is contacting local contractors to secure quotes for work.
Oct 13	Staff has been contacted by local farmer with business plan to utilize barn.
Dec 13	Staff has received two proposals for pricing and specifications for the barn roof replacement. Staff is also contacting local contractors to secure quote for foundation repairs.

Financial Summary

Total Budget:	\$100,000	
Expenses:	\$ 0	Total to date

Account # 03-21-24-6090

Brunner Family Forest Preserve OSLAD Development Grant

Fiscal Year: 2013-2014

Funding

Forest Preserve District: \$400,000
 IDNR OLAD grant: \$400,000
 Total Budget: \$800,000



Budget Breakdown

Engineer: \$50,000
 Contractor: \$750,000

Project Description

The Brunner Family Forest Preserve is a 741 acre preserve located in the north east corner of the county and has over two miles of river frontage on the Fox River. Staff has completed a master plan for the site and applied and received an OSLAD grant to assist in developing the river front trail that will provide a trail connection from Buffalo Park Forest Preserve to the Carpentersville Dam. The proposed improvements include woodland and stream bank restoration, access drives, parking, picnic areas and interpretive trails. The total cost of the project is estimated at \$800,000 and the grant will reimburse the District \$400,000 (50% of the project) upon completion. \$50,000 was budgeted in the 2012-13 fiscal year budget to begin engineering and the balance of \$750,000 is budgeted in 2013-14 fiscal year budget for the construction.

Contacts

Staff Project Manager: Jerry Culp
 Engineer:

Project Schedule

STAGE	PROJECTED DATE	ACTUAL DATE
Engineering Firm Hiring	September 2013	
▪ Utilization Committee	September 2013	September 26, 2013
▪ Executive Committee	November 2013	October 4, 2013
▪ Full Commission	November 2013	October 8, 2013
Construction Bid Approval		
▪ Utilization Committee	March 2014	
▪ Executive Committee	April 2014	
▪ Full Commission	April 2014	
Construction Start	June 2014	
Construction Completion	June 2015	

2013 – 2014 Fiscal Year Updates

Sep 13	The concept plan is complete and staff is currently looking to begin the engineering work for the trail, parking and fishing area in advance of applying for permits. Staff has received a proposal from Bono Consulting, Inc. to complete the following engineering services: surveying; preliminary plan, final design, construction documents and permitting at a cost of \$24,900.
Oct 13	Staff is currently working with the Village of Carpentersville on an IGA for a trail easement on Village of Carpentersville ROW. Bono Consulting proposal was approved and they are currently working on collecting

	site data for review. Wetland delineation work and archeological work is currently being completed.
Nov 13	Engineering is continuing, staff is working on final conceptual layout of trail, adjusting for archeological sites and wetlands, once trail layout is determined final engineering will begin.
Dec 13	Staff is working with Village of Carpentersville on final draft IGA for easement required for trail location. Final trail layout is complete and submitted to DNR for approval.

Financial Summary

Total Budget:	\$800,000	
Expenses:	24,900	Bono Consulting
	\$ 24,900	Total to date

Account # 03-35-35-7050

Account # 03-35-35-5070

Burnidge/Paul Wolff Campground Improvements

Fiscal Year: 2013 – 2014

Funding

Forest Preserve District:	\$265,000
Other:	\$ 0
Total Budget:	<u>\$265,000</u>

Budget Breakdown

Contractor:	\$253,000
Material:	<u>\$ 12,000</u>
	\$265,000

Project Description

The original campground road and campsite parking pads at the Paul Wolff campground are nearly 30 years old. When the campground was originally built, the heavier and larger Class A recreational vehicles (RVs) were not as prevalent as they are today. Due to age and the Class A RV's weight, the asphalt campground roadway is breaking up and the RV outriggers are breaking through the asphalt parking pads. When the Paul Wolff campground was expanded two years ago, the western half of the road system and 10 original campsites were resurfaced. The eastern half of the campground road and the remaining 40 original site pads will be replaced. Due to the deteriorated condition of the asphalt, a contractor will remove the old asphalt and then pave the roadway and campsites on the eastern half of the original Paul Wolff campground. Two of the repaved sites in the original section, will be made A.D.A. compliant and at the same time, 2 sites in the new section of the campground will be repaved to be A.D.A. compliant.

Funds will be used to replace two restrooms in the older section of the Paul Wolff Campground at Burnidge Forest Preserve. The Romtecs are plastic buildings and the plastic components are warping, causing the doors to not operate properly. The Romtec® on the west side of the campground is situated such that the wind catches and pulls the door open with such force that over time the frame has been permanently twisted, making it difficult to close and lock the door. Both Romtecs are set into hillsides and have sidewalks that are too steep of a grade to meet ADA requirements. Both Romtecs will be replaced with one double restroom. The new restroom will be built in the older section of the campground about 100 feet west of the eastern Romtec®.

This restroom will be a split-faced block restroom in the same style currently being built by our Trades Division. Our Trades Division excavates the site, installs the holding tanks and pours and finishes the concrete foundations and floor. A mason is hired to build the main block structure. When the main structure is complete, the Trades Division comes back in and installs the toilets and restroom fixtures and completes all of the carpentry, roofing and finish work.



Contacts

Staff Project Manager:	John Goreth
Contractor:	TBD

Project Schedule

STAGE	PROJECTED DATE	ACTUAL DATE
Engineering RFP Approval	In-house	August 2013
Construction Bids		
<ul style="list-style-type: none"> • Utilization Committee 	October 2013	
<ul style="list-style-type: none"> • Executive Committee 	November 2013	
<ul style="list-style-type: none"> • Full Commission 	November 2013	November 2013
Permits	November 2013	November 2013
Construction Start	November 2013	November 2013
1 st Phase Completion	November 2013	November 2013
Construction Completion	May 2014	

2013 – 2014 Fiscal Year Updates

Jul 13	Staff is currently preparing bid documents for a September bid opening.
Sep 13	Bids are out with a pre-bid scheduled for October 7 th and opening on Oct. 16 th .
Nov 13	1 st Phase of construction completed November 30th

Financial Summary

Budget:	\$265,000	
Expenses:	\$74,485	First Phase of Construction Complete November 2013
	\$ 74,485	TOTAL to date

Account # 03-21-24-7050

Demolitions

Fiscal Year: 2013-2014

Funding

Forest Preserve District: \$250,000
 Other: \$ 0
 Total Budget: \$250,000

Budget Breakdown

Contractor: \$250,000

Project Description

Funds would be used for the removal of dilapidated and unneeded structures acquired by the District through the land acquisition program. The money would be spent on asbestos testing and removal, structure removal, sealing wells and renovation of the site. Structures will include buildings, and foundations from new acquisitions, and various other structures that pose hazards, as approved by the Commission throughout the year

Contacts

Staff Project Manager: John Goreth

Contractor:

Project Schedule

STAGE	PROJECTED DATE	ACTUAL DATE
Bid Letting	March 2014	
Bid Approval		
<ul style="list-style-type: none"> Utilization Committee 	April 2014	
<ul style="list-style-type: none"> Executive Committee 	May 2014	
<ul style="list-style-type: none"> Full Commission 	May 2014	
Construction Start	June 2014	
Construction Completion	August 30, 2014	

2013 – 2014 Fiscal Year Updates

Jul 13	No activity to report at this time.
Sep 13	No activity to report at this time.
Dec 13	Muirhead property donation approved for demolition by commission. This bid was completed through a joint demolition bid agreement through the county. Estimated demolition cost was originally \$80,000. The bid was approved for \$31,000 to Molenhouse Environmental. Estimated completion date is March 2014.

Financial Summary

Budget:	\$200,000	
Expenses:	\$31,000	
	\$ 31,000	Total to date

Account # 03-21-24-7050

Fabyan Forest Preserve Bridges and Island Improvements Project Phase I

Fiscal Year: 2013-2014

Funding

Forest Preserve District: \$495,000

Fox River Trust Fund: \$ 0

Total Budget: \$495,000

Budget Breakdown

Engineering: \$225,000

Contractor: \$270,000

Project Description

Fabyan Forest Preserve is without question our most heavily used preserve. The 198 acre preserve hosts many events each year and thousands more walk, jog and ride the trails, as well as visit the historic Villa Museum, and picturesque gardens. This winter a section of the concrete bridge that crosses over to the island failed. Staff closed the bridge to public use while completing an evaluation of the bridge. It was determined that the bridge is in such poor condition that the section that failed could not be repaired without replacing the entire bridge. Because of its condition, the District closed the bridge and hired an engineer to develop a plan for its removal while Staff prepares a plan for future improvements to the preserve. Additionally, the causeway culverts are failing preventing water flow on the west side of the island, the condition of the light house and the bridge abutments on the bridge connecting the island to the east side of Fabyan are deteriorating.

The existing bridge abutment on the east shore of the east Fabyan Fox River bridge has been undermined over the years by the river. The abutment has cracked and the concrete has fallen away from under one of the base plates of the bridge. The existing wing walls are also cracked on both sides and are separating from the main abutment and the river has scoured around the back side of the north side wing wall. Due to the existing conditions of the bridge is unsafe for vehicle traffic. Repairs are required before further damage is incurred.

Recognizing the importance of the Fabyan Forest Preserve and its historical and cultural significances, Staff is currently working on a plan for improving and preserving these site characteristics, and funding remaining in the Fox River Trust Fund in the amount of \$495,000 will be dedicated to this project. Approximately \$225,000 will be expensed in 2013/14 for engineering, bid documents and permitting, as well as the removal of the failed concrete bridge and abutment repair of the east bridge. The remaining funding of approximately \$270,000 will be used for future construction phases and as matching funding for future grant applications to preserve a bridge connection, shoreline stabilization and lighthouse restoration.

Contacts:

Staff Project Manager:

Jerry Culp

Engineer:

Gewalt Hamilton

Contractor:

TBD

Project Schedule

	STAGE	PROJECTED DATE	ACTUAL DATE
Phase I	Engineering Firm Hiring		
	▪ RFP Letting	October	
	▪ Utilization Committee		
	▪ Executive Committee		
	▪ Full Commission		
	Permits		
Demolition	Bid Letting		
	Bid Approval		
Project	Utilization Committee		
	Executive Committee		
	Full Commission		
Project	Construction Start		
	Construction Completion		

2013 – 2014 Fiscal Year Updates

Jul 13	Staff is working with Gewalt Hamilton engineers on the bridge removal plans, once completed staff will start the permit application process.
Aug 13	Staff is working on the permit application for the removal of the concrete bridge.
Sep 13	Completed a conceptual plan for the proposed bridge repair work at Fabyan. The plan calls for reviewing structures and developing a plan to repair the bridges, it also includes options for replacing the concrete bridge and removing the causeway to allow the restoration of the riparian areas within the preserve.
Oct 13	Application for the concrete bridge removal is complete staff is working with various agencies to answer questions before submitting the permit.
Nov 13	The permit application for the removal of the concrete bridge has been submitted to the Army Corp of Engineers for approval, this process can sometimes take several months. During this time staff will prepare a final plan for the proposed improvements for the bridges and river bank restoration work.
Dec 13	Staff is working on conceptual plan for bridge work and causeway repairs or removal, once complete staff will submit to Commission for review.

Financial Summary

Budget:	\$495,000	
Expenses:		
	\$495,000	TOTAL to date

Account # 03-31-31-7040

Fabyan Forest Preserve Parking Lot and Shoreline Stabilization Project

Fiscal Year: 2008 - 2009

Funding:

Forest Preserve District: \$300,000
 Other: \$180,000
 Total Budget: \$480,000

Budget Breakdown

Engineering: \$ 45,000
 Contractor: \$435,000

Project Description

Money was budgeted in the 2007/2008 fiscal year budget to have an engineering firm design a new parking lot at the Fabyan Forest Preserve. Construction of the parking lot as designed and for which they prepared specifications. The new parking lot would utilize a flat area near the entrance for the main parking lot with additional parking along the current service road. The change in the parking areas would allow better access to Shelter #1 and the new bathroom facility; and, allow us to make both of them accessible per the Americans with Disabilities Act.

In the redesign, money was allocated to remove the old parking lot and restore the shoreline. Currently, the parking lot runs along the shoreline with the Fox River Trail, sandwiched between the parking lot and the river. This creates an unsafe situation as many people set-up lawn chairs on the shoreline and trail, which requires trail users to go around them and onto the roadway or parking lot. The trail would be moved slightly off of the shoreline. By moving the hard surfaces of the parking lot and trail away from the river, we can plant a buffer that would allow runoff to be filtered prior to entering the river. This would minimize salts and sediment from directly entering the river and help make a cleaner river.

The total project cost is estimated at \$480,000. The Commission approved \$180,000 from the Fox River Trust fund to assist in the shoreline stabilization costs; therefore, an additional \$300,000 was funded from the Capital fund for the project. Engineering for this project was budgeted and completed in 2007/2008 at a total cost of \$18,750.

Contacts:

Staff Project Manager: Jerry Culp
 Engineer: Engineering Resources
 Landtech Design, LTD.
 Contractor: Evans & Son

Project Schedule

STAGE	PROJECTED DATE	ACTUAL DATE
Shoreline Stabilization		
Engineering Firm Hiring	July 2009	April 2011
▪ RFP Letting	July 2009 –March 2011	April 2011
▪ Utilization Committee	August 2009 –April 2011	May 27, 2011
▪ Executive Committee	September 2009 –May 2011	June 3, 2011
▪ Full Commission	September 2009 –May 2011	June 14, 2011
Permits	November 2011	
Bid Letting	January 2012	September 2012

Bid Approval	February 2012	
▪ Utilization Committee	February 2012	September 27, 2012
▪ Executive Committee	March 2012	October 5, 2012
▪ Full Commission	March 2012	October 9, 2012
Construction Start	April 2012	September 2013
Construction Completion	September 2014	

2008 – 2009 Fiscal Year Updates

Jul 08	Hired Engineering Resource for final layout and storm water permit.
Aug 08	Working with Engineering Resources on final concept plan for the parking area. A meeting was held with Preservation Partners and Friends of Fabyan to review the parking lot design.
Sep 08	Reviewed concept plan and waiting for Engineering Resources to submit revised plans.
Oct 08	Continued working with Engineering Resources on the final concept plan.
Nov 08	Final concept plan should be complete this month.
Dec 08	Staff is preparing the bid specification.
Jan 09	Engineering is complete; project scheduled to go out to bid this month.
Feb 09	Project is out to bid.
Mar 09	Project has been bid and approved, construction scheduled to begin April
Apr 09	Project is under construction, parking lot and drives are scheduled to be complete in May
May 09	Parking lot and drives are complete; staff is beginning to develop concept plans for shoreline restoration.
Jun 09	Staff is working on shoreline concept plans and preparing paperwork for grant submittal.

2009 – 2010 Fiscal Year Updates

Jul 09	Grant submission made.
Jan 10	Waiting to hear about grant approval or denial.
Feb 10	The District did not receive the grant; Staff will redesign and move forward with the shoreline restoration project.
Mar 10	Approval to submit grant from Commission Mar 9, 2010.
Jun 10	Staff is resubmitting a grant request using an EPA319. Director Culp coordinating.

2010 – 2011 Fiscal Year Updates

Jul 10	EPA319 submitted.
Aug 10	Waiting for grant approval. Anticipated in January 2011.
Mar 11	Grant was not approved. Staff will begin moving forward with conceptual design and present to Committee.
May 11	Working has begun on design process for the restoration work. Staff is currently recommending the services of Landtech, Inc. to complete the engineering work for the project. Will bring to Commission in June.
Jun 11	Hired Landtech Design Ltd. To complete final engineering plans and submit the necessary paperwork for the permits.

2011 – 2012 Fiscal Year Updates

Jul 11	Met with Landtech to discuss goals of project, start site analysis, and collecting site data.
Oct 11	Staff is working with Landtech on a design and shoreline stabilization plans.
Dec 11	Staff still working with Landtech Design, once concept is completed, Staff will present to Planning and Utilization Committee.
Jan 12	Staff met with Landtech to review concept plan
Feb 12	Concept plan is under review by District Staff, once staff review is complete Landtech will make changes and present to utilization committee for concept plan approval.
Jun 12	Plan revisions completed. Presentation to Planning Utilization Committee in July.

2012 – 2013 Fiscal Year Updates

Jul 12	Presentation of project update made to Planning and Utilization Committee.
May 13	In July 2012, the Commission approved the development plans from LandTech Design. A bid was sent out in August 2012 with all bids over budget. The project was redesigned with a smaller scope (including an alternate for an overlook), and rebid this spring. The bid was sent out to seventeen contractors, with two responding. The lowest qualified bidder is Earthwerks of Batavia with a base bid of \$154,470.30.
Jun 13	Project on June agenda for Planning and Utilization.
Aug 12	Bid opening scheduled for September.
Sep 12	Bids are scheduled to be reviewed and approved by the board in October. The project includes the shoreline restoration work along the west side of the river at Fabyan Forest Preserve.
Nov 12	Project bids were over budget, staff is reviewing for changes and will re-bid in January.
Feb 13	In 2011, the Commission approved a proposal from LandTech Design, Ltd. in the amount of \$21,530 to complete the final engineering plans and submit the necessary paperwork for the permits. The proposed change order for \$1,249 is for additional storm water engineering required by the County and the City of Geneva.

2013 – 2014 Fiscal Year Updates

Jul 13	Bids have been approved for the shoreline restoration
Aug 13	Construction has started on the shoreline restoration and is scheduled to be completed by the end of September.
Sep 13	Project is under construction, contractor has completed the demolition
Oct 13	Contractor is continuing construction, they are currently working on the trial improvements
Nov 13	Contractor has completed work including final grading and seeding, staff is working with contractor on the live plant installation that will be scheduled for spring

Financial Summary

Budget:	\$480,000		
Expenses:	\$19,500	ERA	Engineering & Surveying
	\$4,370	Living Waters Consulting	Grant Submission
	\$265,549	Evans & Sons	Parking & Paving
	\$6,701	Evans & Sons	<i>Change Order</i> Soil
	\$21,530	Landtech Design Ltd.	Engineering Plans
	\$1,249	Landtech Design Ltd.	Engineering Plans
	\$154,470	Earthwerks	Construction
	\$472,120	TOTAL to date	

Account #

Fox River Bluff West (Red Gate) Restrooms

Fiscal Year: 2013 - 2014

Funding

Forest Preserve District: \$16,000
 Other: \$ 0
 Total Budget: \$16,000

Budget Breakdown

Contractor: \$16,000

Project Description

Funds are requested to install a block restroom near the trailhead at the Fox River Bluff Forest Preserve. In 2011, the parking lot was improved. With the Red Gate Bridge completed, there is substantial traffic along this part of the Fox River Trail and for users of the off leash dog area.

There is not a restroom at this location at this time. Because this is a highly used area, a double stall waterless restroom would be built. The restroom would be of the new block building style that is currently being built in-house by the Trades Division. The Trades Division will excavate for and pour the concrete footings, install the holding tanks and complete all of the carpentry work including the roof. The District will contract a mason to construct the block walls. In-house construction minimizes the cost for the double-stall restroom to about \$16,000 as opposed to \$45,000 if it were completely contracted out to build.

Contacts

Staff Project Manager: John Goreth

Project Schedule

STAGE	PROJECTED DATE	ACTUAL DATE
Bid Letting		N/A in-house project
Bid Approval		
Construction Start	November 2013	November 2013
Construction Completion	June 2014	

2013 – 2014 Fiscal Year Updates

Jul 13	No activity at this time.
Sep 13	Staff is preparing plans for a November construction start date.
Nov 13	Staff has prepared and excavated area for new restroom, and constructed new accessible limestone trail to restroom and existing asphalt trail.
Dec 13	No update at this time, due to frozen ground.

Financial Summary

Budget:	\$16,000	
Expenses:	\$ 0	Total to date

Account # 03-21-24-6090

Fox River Trail Bridge Repair (Raymond Street – Elgin Area)

Fiscal Year: 2009 – 2010

Funding

Forest Preserve District:	\$358,300
Other:	\$ 0
Total Budget:	\$358,300

Budget Breakdown

Engineer:	\$ 80,000
Construction:	\$ 278,300

Project Description

In the fall of 2008, flood waters eroded and washed out the footings for the Fox River Trail Bridge near Raymond Street. Since then we have been working on repairing the bridge through FEMA, PDRMA, the Army Corps of Engineers and Western Engineering. Western Engineering has estimated the cost to make the necessary repairs to the bridge and to stabilize the adjacent shoreline at \$278,300, which was budgeted in the FY2010-11. Without the repairs the District would lose a link of the Fox River Trail through the Elgin and South Elgin area.

Contacts

Staff Project Manager: John Goreth
 Engineer: Western Surveying and Engineering (WSE)

Project Schedule

STAGE	PROJECTED DATE	ACTUAL DATE
Engineering Firm Hiring	September 2009	February 2013
RFP Letting		
• Utilization Committee	October 2009	October 29, 2009
• Executive Committee	November 2009	November 6, 2009
• Full Commission	November 2009	November 9, 2009
Bid Approval for Construction		
• Utilization Committee	July 2010 –March 2012	January 28, 2013
• Executive Committee	August 2010 –April 2012	February 1, 2013
• Full Commission	August 2010 –April 2012	February 13, 2013
Construction Start	August 2010 –April 2012	
Construction Completion	December 2010 –June 2012 September 2013	

2009 – 2010 Fiscal Year Updates

Jul 09	Staff is working with operations on proposals from engineers to redesign project so shoreline can be stabilized and abutments will remain in place.
Oct 09	Utilization Committee approved the engineering contract with Western Surveying & Engineering for a price of \$38,895. Moving to Executive and Full Commission for approval in November
Dec 09	Contract let – Engineering has sent letter to IDNR. Working on cross sections.
Jan 10	Weather delays.

Feb 10	Cross sections are completed.
Mar 10	Bridge inspected – working on the engineering repair plans
Apr 10	No progress due to weather.
May 10	Borings were taken around bridge site to determine soil stability.
Jun 10	Waiting for report on soil stability to complete the IDNR permit application.

2010 – 2011 Fiscal Year Updates

Jul 10	Western Engineering hired and working on engineering plan.
Sept 10	Received a report on the site mapping and borings. Due to lack of performance by Western Surveying and Engineering, letter sent requesting contact.
Oct 10	Communication sent to WE requesting meeting.
Nov 10	Meeting with WE scheduled.
Dec 10	All parties met regarding project. WE committed to continuing project and have bid spec ready by Jan. 15, 2011
Jan 11	Bid specifications not yet received. Spenader has hired Terracon to do the specification work.
Feb 11	The bridge permit application has been sent in to the IDNR by Western Engineering (Spenader).
Mar 11	IDNR requested more information, Spenader to send. Elevation diagrams and engineering diagrams. Waiting to prepare bid specs.
May 11	Terracon has been working on plans for the bridge footings. Western is working with other engineers to develop a bracket for the bridge to fasten it to the footings and sheet pilings.
Jun 11	Waiting on plans for the bridge abutments, sheet pilings, and brackets.

2011 – 2012 Fiscal Year Updates

Aug 11	Received first draft of plan sets and reviewed at the end of August.
Sept 11	Met with John Spenader of Western Engineering (WE) to discuss plan set. Provided WE with specifications for asphalt trail and seeding work. Awaiting final specifications for bid process to begin.
Oct 11	Awaiting final specifications for review.
Dec 11	Western Engineering has delivered final specifications. Staff is waiting to hear from the Army Corps about the need for a permit. Documents will be sent for bid in January 2012.
Feb 12	Permission granted from Kane/DuPage Soil & Water Conservation District to proceed. Waiting for IDNR approval, subsequent to the Army Corps permit and then bid process can then begin.
Apr 12	Engineer working with IDNR for additional permitting.
May 12	Waiting for permits and meeting with ACE.
Jun 12	Engineer working with USACE for permitting information and submission of maintenance plan. Letter drafted to USACE to declare Western Engineering as liaison on behalf of FPD.

2012 – 2013 Fiscal Year Updates

Jul 12	Waiting for WSE to deliver information to the IDNR and USACE for permit processing.
Aug 12	IDNR and USACE reviewing documents from Western S&E. District provided an inspection and maintenance schedule /plan to the IDNR as requested.
Sep 12	Waiting for permit review and permits from USACE. Additionally, IDNR has received the requested easement grant documentation from the RR to install the original bridge.
Dec 12	Blueprints for the project and all permits have been obtained. Preparing bid specs.
Feb 13	Due to poor soils to a depth of 40', the footings and shoreline stabilization materials will be driven-steel piles with an engineered bracket welded to it to hold the bridge. The bid was sent out to 15 vendors with 4 vendors responding. The qualified lowest bidder was Herlihy Mid-Continent of Romeoville, IL with a bid price of \$98,858.26 to repair the Fox River Trail bridge. Initial budget funds were anticipating conventional concrete footings. Due to unstable soils, conventional footings were not feasible and the Army Corps approved the modification to specify steel piles to be driven as bridge support and bank stabilization. The steel piles require no excavation or coffer dams to divert water flow, therefore the construction costs is substantially less expensive.
Apr 13	Waiting for railroad permit and material delivery.
Jun 13	The project was awarded to Herlihy Mid-Continent in March, 2013. Herlihy was unable to find the steel specified in the bid documents prepared by Terracon Engineers. Additionally, the District contacted steel manufacturers and was also unable to locate the specified steel. Herlihy was able to obtain six sections of the steel but at a length 5' longer than specified. Terracon Engineers has approved the use of the additional length steel in the abutment design of the bridge

	repair. For those six sections of steel, Herlihy is requesting an increase to cover the additional length of the material. For the remaining sheets required for the repair of the wing wall, an alternative, thinner steel has been approved by Terracon Engineers. Herlihy is providing a credit for the reduced cost of the thinner steel. Therefore, with the credits subtracted from the increase, the cost of the change order totals \$1,003.32 for the modified steel. Waiting for railroad permit to begin construction.
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2013 – 2014 Fiscal Year Updates

Aug 13	There were some additional issues from the storm event that followed the bid award. Additional damage was identified when the contractor was dismantling portions of the bridge; the ledge that was supporting the bridge was sheared off completely. Revised plans were developed from the Engineer; the Army Corps of Engineers has issued a permit for the revised plans. There is approximately \$100,000 still remaining in the budget as contingency for this item.
Sep 13	Revised plans have been submitted to the railroad for review/approval. A bid is being prepared for the additional work to be released once approval is received from the railroad.
Oct 13	Railroad denied proposed plans
Nov 13	Committee approved the removal of the two existing bridge spans.
Nov 13	Staff researching alternative routes for the Fox River Trail in this area. Staff is meeting with FRWRD (Fox River Water Reclamation District) and South Elgin.
Dec 13	Bridge spans have been removed.

Financial Summary

Budget:

Expenses:

	\$358,300		
	\$38,895	Western Survey & Engineering	Engineering & Surveying
	\$98,858	Herlihy Mid Continent	Bridge Repair
	\$1,003	Herlihy Mid Continent	Change Order
	\$137,753	TOTAL to date	

Account # 03-21-24-7050

Great Western Trail Bridge Replacement

Fiscal Year: 2013 – 2014

Funding

Forest Preserve District: \$70,000
 Other: \$ 0
 Total Budget: \$70,000

Budget Breakdown

Materials: \$70,000

Project Description

The 40 foot bridge that is located between Peck Road and Dean Street along the Great Western Trail requires replacement. In August of 2011, the north side of the bridge collapsed while a staff was driving a tractor across it. The Trades Division made emergency repairs to make the bridge safe and usable, until it could be replaced this year. The bridge is one of the original railroad bridges and was built around 1900. The supporting framework structure is made entirely of wood.

The replacement bridge will be a steel 65' long x 10' wide bridge with a weight capacity of 5 tons, allowing staff to drive vehicles and equipment over it. The bridge is longer to allow District equipment and vehicles to completely span the ravine and place the footings in solid soils. This bridge will be similar to all of the District's trail bridges.

Trades and South Operations staff will excavate for and pour the concrete footings. Once the bridge is complete it will be delivered to the site and a contractor will use a crane to lift the bridge onto the footings. Staff will then secure the bridge. The budgeted monies include the cost of the bridge, footings, crane rental and hardware to install the bridge.

Contacts

Staff Project Manager: John Goreth
 Contractor: TBD

Project Schedule

STAGE	PROJECTED	ACTUAL DATE
Engineering Firm Hiring	September 2013	
RFP Letting		
• Utilization Committee	October 2013	
• Executive Committee	November 2013	
• Full Commission	November 2013	
Bid Approval for Construction		
• Utilization Committee	March 2014	
• Executive Committee	April 2014	
• Full Commission	April 2014	
Permits	March 2014	
Construction Start	April 2014	
Construction Completion	June 2014	

2013 – 2014 Fiscal Year Updates

Aug 13	The Illinois Tollway Authority is replacing the District’s pedestrian bridge under their vehicular bridge at I-90 over the Fox River in Elgin. The District’s bridge structure will be evaluated for re-use at other preserve locations. There is a separate structure that is along the trail connecting to the larger pedestrian span that will also be removed. That structure will be evaluated for re-use at this location.
Sep 13	Provided plans from installation of bridge. Compiling information from project to provide to engineer.
Oct 13	Staff evaluating existing bridge.
Nov 13	Staff evaluating other alternatives.
Dec 13	Staff meeting with engineer to evaluate existing bridge and research alternatives.

Financial Summary

Budget:	\$70,000	
	\$ 0	TOTAL to date

Expenses:

Account # 03-21-24-7050

Great Western Trail Trailhead at LeRoy Oakes Forest Preserve Restroom Replacement

Fiscal Year: 2013 – 2014

Funding

Forest Preserve District: \$16,000
 Other: \$ 0
 Total Budget: \$16,000



Budget Breakdown

Materials: \$16,000

Project Description

The current Romtec style restroom will be replaced with the double stall block waterless restroom design being implemented in our preserves. The current restroom is highly used and in need of repairs. The door frame is completely rusted through at the base on both sides and provides no structural support to the warping, plastic walls. The door does not stay closed and therefore catches the wind and damages the hinges and closure. The concrete is beginning to crack and heave causing level changes and trip hazards.

Because this is a highly used area, we will build a double stall waterless restroom. The restroom will be of the new block building style that is currently being built in-house by the Trades Division. The Trades Division will excavate for and pour the concrete footings, install the holding tanks and complete all of the carpentry work including the roof. The District will contract a mason to construct the block walls.

Contacts

Staff Project Manager: John Goreth
 Contractor: In-house project

Project Schedule

STAGE	PROJECTED DATE	ACTUAL DATE
Permits		
Construction Start	August 2013	July 2013
Construction Completion	September 2013	September 2013

2013 – 2014 Fiscal Year Updates

Jul 13	Waiting for permits.
Aug 13	Received permits and construction begins August 13 th .
Sep 13	Construction completed September 16 th .

Financial Summary

Budget:	\$16,000	
Expenses:	\$16,798	Materials Project 10029 – various vendors
	\$16,798	TOTAL to date

Account # 03-21-24-6090

Illinois Prairie Path Elgin Branch Bridge Re-decking

Fiscal Year: 2012 - 2013

Funding

Forest Preserve District: \$45,000
 Other: \$ 0
 Total Budget: \$45,000



Budget Breakdown

Materials: \$45,000

Project Description

The wood deck on the bridge that spans over old Rt. 25 on the Elgin portion of the Illinois Prairie Path is over 30 years old and is worn and deteriorating and needs replacement. The bridge is 234' long and 10' wide. This bridge is a vital link from the Fox River Trail system to the new Stearns Road corridor trail system and is heavily used. The Operations Department has been inspecting and evaluating bridges and has been replacing bridges or bridge decking as needed. Ironwood for the bridge decking has become the standard, it has been found to last longer than the treated wood or oak, it warps less, and can handle the weight of the service vehicles using the bridge. It is also comparable in cost to oak. Monies would cover material costs; the installation would be performed by the Trades Division.

Contacts

Staff Project Manager: John Goreth
 Contractor: In-house Project

Project Schedule

STAGE	PROJECTED DATE	ACTUAL DATE
Bid Approval		
• Utilization Committee		
• Executive Committee		
• Full Commission		
Construction Start	May 2013 – October 2013	October 2013
Construction Completion	June 2013 – November 2013	October 2013

2012 – 2013 Fiscal Year Updates

Jul 12	Work will be performed by trades and north ops. Work will begin in the spring of 2013 or earlier as time and weather permits.
Dec 12	Switched from ironwood to oak as it is a cost savings. The lumber will be ordered over the winter and work will be performed as time and weather allows.
Apr 13	Lumber is in stock waiting for weather.
Jun 13	Waiting for Trades Division to complete the construction of structures at the Big Rock campground.

2013 – 2014 Fiscal Year Updates

Jul 13	Project is scheduled to begin in October.
Oct 13	Project is complete.

Financial Summary

Budget:	\$45,000		
Expenses:	\$13,200	Kirkland Sawmill	Lumber for project
	\$13,200	Total to date	

Account #03-21-24-6090

LeRoy Oakes Creek Bend Nature Center Woodland Exhibit Illinois Public Museum Grant

Fiscal Year: 2013 - 2014

Funding

Forest Preserve District:	\$54,800
Other: IDNR Museum Grant	<u>\$150,000</u>
Total Budget:	\$204,800

Budget Breakdown

Contractor: \$153,865

Project Description

In January 2013, the District was awarded an Illinois Public Museum Grant to construct a “Learning Tree” exhibit at Creek Bend Nature Center. The project total is \$204,800 and the grant will reimburse the District \$150,000 upon completion. The exhibit must be completed and submitted for reimbursement by December 2014. The woodland exhibit will depict a White oak, the state’s tree. It will include taxidermy specimens, interpretive signage, and incorporate the “tree cookie” that the District owns from the famed Shabbona Elm. The woodland exhibit is the missing piece in our Nature Center exhibits on Kane County ecology.

Contacts

Staff Project Manager:	Laurie Metanchuk
Contractor:	MC Building
Contractor:	TBD

Project Schedule

STAGE	PROJECTED DATE	ACTUAL DATE
Bid Letting	August 2012	October 2012
Bid Approval		
<ul style="list-style-type: none"> Utilization Committee 	October 2012	October 25, 2012
<ul style="list-style-type: none"> Executive Committee 	November 2012	November 2, 2012
<ul style="list-style-type: none"> Full Commission 	November 2012	November 13, 2012
Construction Start	October 2012	November 2013
Construction Completion	December 2014	

2012 – 2013 Fiscal Year Updates

Jul 12	Preparing bid for August letting.
Sep 12	<p>Tekakwitha Woods closed to the public on Aug. 30, in preparation for the move to the new Creek Bend facility at LeRoy Oakes Forest Preserve. The Nature Center remains open to school groups who have scheduled a field trip through Oct. 31. (October is historically our busiest month for school groups to visit the Nature Center.)</p> <p>With an intentionally reduced number of programs this fall, staff has been busy packing and otherwise preparing for the relocation to Creek Bend. Staff plans to move operations to the new facility on Nov. 1. The museum exhibits (Clam’s-Eye View of the Fox River and Biodiversity Bison exhibits) will move prior to year-end, pending bid approval. A pre-bid meeting was held on Sept. 28. Bids for the exhibit move will be opened on Oct. 11.</p>

Oct 12	<p>The two major exhibits to be moved as part of this bid include the River Wild/Fox River exhibit and Prairie Ecology/Bison exhibit.</p> <p>The Fox River exhibit consists of a 3-section glass diorama resting on a wooden cabinet, along with a wooden interpretive trilon, placed in front of the exhibit. The exhibit depicts the Fox River underwater, including models of many plants and wildlife. This exhibit is the showpiece of our Nature Center.</p> <p>The Bison exhibit comprises 2 glass and steel cases containing 3 total bison, painted backdrops and artificial plant materials, along with 4 graphic rails on stands in front of each case. The bison in this exhibit are historical in nature and date back to the 1893 Columbian Exposition in Chicago.</p> <p>The exhibit relocation bid was distributed in September to 7 vendors with 2 vendors responding. The qualified, lowest bidder is MC Building, Inc. of Darien, IL, in the amount of \$50,935, including \$475 for Alternate C (painting of graphic rails in front of bison exhibit).</p>
Feb 13	<p>Grant approved for the Woodland Exhibit Museum grant. Staff and the exhibits were officially moved from Tekakwitha Woods Forest Preserve to Creek Bend Nature Center at LeRoy Oakes Forest Preserve at the end of December. This month, staff mostly worked on unpacking, prepping the new facility, and preparing to open to the public on Monday, Feb. 4.</p>
Apr 13	<p>Staff preparing promotional materials and planning for grand opening in June 2013. Specs and bids will be prepared for the exhibit plans and installation of the new exhibit.</p>

2013 – 2014 Fiscal Year Updates

Sep 13	Request for proposal documents being prepared by staff for October release.
Dec 13	

Financial Summary

Budget:	\$204,800		
Expenses:	\$50,935	MC Building Inc.	Exhibit move
	\$50,935	Total to date	

Account # 03-35-35-7050

Natural Resource Facility at the Meissner-Corrone Forest Preserve

Fiscal Year: 2013 - 2014

Funding

Forest Preserve District: \$1,200,000
 Other: \$ 0
 Total Budget: \$1,200,000

Budget Breakdown

Engineer: \$50,000
 Contractor: \$1,150,000

Project Description

The Commission has approved Meissner Corrone Forest Preserve as the location for the new Natural Resource Field Office Facility. The design and layout of the building would be very similar to those constructed for the North and South Operation Department facilities.



View of current Operations Dept. facilities (front & back view).

The breakdown of estimated costs for the proposed building is as follows:

(60' x 100') Main Facility (offices/heated work space)	\$ 600,000
(60' x 35') Seed Storage/Seed Processing	\$ 200,000
Geothermal Updgrade	\$ 40,000
Asphalt-paved Yard Space/Entry Drive 20,000 sq. feet	\$ 120,000
Well and Septic	\$ 30,000
Furniture, Fixtures, Office Equipment	\$ 20,000
Fuel Station (gas/diesel)	\$ 15,000
Fence	\$ 45,000
Design Fees (architect/engineer)	\$ 50,000
Contingency	\$ 80,000
TOTAL	\$1,200,000

The District will be using a design - build process to design and construct the new facility. The project will start with hiring an architectural firm to prepare an RFP to select a design build firm. Staff will be completing a conceptual site plan in-house and hire an engineering firm to complete final site engineering drawings to obtain permits for the project. Potential grants could support alternative energy systems such as solar panels, small-scale wind turbine, geothermal heating, water reclamation and other green technologies.

Contacts

Staff Project Manager: Drew Ullberg/Jerry Culp
 Engineer: Engineering Enterprises Inc.
 Architect: TBD
 Contractor: TBD

Project Schedule

STAGE	PROJECTED DATE	ACTUAL DATE
RFP Letting	August 2013	
Engineering Approval		
• Utilization Committee	September 2013	September 26, 2013
• Executive Committee	October 2013	
• Full Commission	October 2013	
Architect Approval		
• Utilization Committee	October 2013	
• Executive Committee	November 2013	
• Full Commission	November 2013	
Design Build RFP Approval		
• Utilization Committee	March 2014	
• Executive Committee	April 2014	
• Full Commission	April 2014	
Construction Start	June 2014	
Construction Completion	March 2015	

2012 – 2013 Fiscal Year Updates

Jul 12	Space needs and site location analysis on-going.
Feb 13	A presentation was made to the Planning and Utilization Committee to bring forward the staff recommendation for a location and to continue the planning process with location decided. Meissner-Corron Forest Preserve <i>Silver Glen Road (west of Corron Road), St. Charles</i>
May 13	Discussions were held with major building manufacturers to identify project concerns from manufacturer's viewpoint. Preliminary cost estimates for architectural services were secured, but not approved at committee. No expenses were incurred thru the end of FY2012/13.

2013 – 2014 Fiscal Year Updates

Jul 13	The Commission approved funding in the 2013/2014 budget to move forward with the construction of a new Natural Resources Department Facility on Silver Glen Road at Meissner-Corron Forest Preserve. This project includes completing the site engineering and permitting for the proposed improvements.
Sep 13	Staff has prepared the site concept plan and is currently looking to begin the engineering work for the site work, parking and storm-water detention in advance of applying for permits. Staff has received a proposal from Engineering Enterprises, Inc. of Sugar Grove, Illinois to complete the following engineering services: site surveying; preliminary plan, final design, construction documents, permitting and project staking at a cost of \$19,050 and this was presented to the Planning and Utilization Committee.
Oct 13	Engineering services have been approved for Engineering Enterprises to complete the site engineering. They have started collecting site data for the project. Williams and Associates have submitted a proposal to complete the architectural services for the project, their proposal has been submitted to Planning and Utilization Committee for review.
Nov 13	Williams and Associates proposal has been approved and they have started preparing concept plans for the Natural Resource building, staff set up a kick off meeting with the engineers and architects to

	coordinate the two services. Staff is setting up meetings with both consultants and reviewing site analysis work and floor plan layouts with staff for input.
Dec 13	The site plan and building floor plan layout is under review by staff once input is complete and changes are made staff will present to the Utilization Committee for review and comment.

Financial Summary

Budget:	\$1,200,000	
Expenses:	\$19,050	Engineering Enterprise
	\$39,200	Williams and Associates
	\$58,250	Total to date

Account # 03-35-35-5070
03-35-35-7050

Raceway Woods Forest Preserve Bridge Re-decking

Fiscal Year: 2012 - 2013

Funding

Forest Preserve District: \$20,000
 Other: \$ 0
 Total Budget: \$20,000

Budget Breakdown

Materials: \$20,000

Project Description

The Raceway Woods Master Plan was a cooperative effort among the Forest Preserve District, Dundee Township and the Dundee Township Park District. The District has completed a full loop path winding through the preserve following the original raceway. The last element of the main loop was a 210 foot long bridge that spans the large ravine that once was the straight away. The bridge was relocated as part of the Stearns Road bridge improvements. The bridge is up and people are using it daily, but since the bridge is over 20 years old, the railing system needs to be upgraded to today's standards.

Contacts

Staff Project Manager: John Goreth
 Contractor: In-house Project

Project Schedule

STAGE	PROJECTED DATE	ACTUAL DATE
RFP Letting		
Bid Approval		
<ul style="list-style-type: none"> Utilization Committee 		
<ul style="list-style-type: none"> Executive Committee 		
<ul style="list-style-type: none"> Full Commission 		
Construction Start	May 2013	September 30, 2013
Construction Completion	June 2013	

2013 – 2014 Fiscal Year Updates

Jul 13	Purchased materials required for project.
Sep 13	Project started. Removing old wood decking and installation of new wood decking.
Dec 13	

Financial Summary

Budget:	\$20,000	
Expenses:	\$15,000	Kirkland Sawmill Lumber for project
	\$15,000	Total to date

Account # 03-21-24-6090

Reforestation Program

Fiscal Year: 2013 - 2014

Funding

Forest Preserve District:	\$100,000
Other:	<u>\$ 0</u>
Total Budget:	\$100,000

Budget Breakdown

Contractor: \$100,000

Project Description

The District's Reforestation Program has been active since 1996, and entails planting and caring for native hardwood trees and shrubs across District lands. Most plantings occur where woodlands were previously cleared for agriculture and where prairie is not appropriate. Two minor components of the program are:

- 1) To plant oak saplings in oak woods or savannas cleared of brush and where little to no natural oak regeneration has been observed
- 2) To plant hardwoods in areas cleared of ash trees infested and killed by Emerald Ash Borer

The long-term goal of this program is to recreate oak-hickory savannas and woodland plant communities, on woodland type soils, with a native forb, grass and shrub understory component. Between 2008 and 2012, more than 30,000 oak seedlings were planted through the combined efforts of contractors, staff and volunteers. To fully recreate savanna or woodland across the 3,650 acres of District land currently in need of reforestation will require 20-30 years and approximately \$6,500,000. Staff estimates that more than 400,000 tree seedlings would be needed to complete all reforestation projects.

Components of this project are:

- 1) Purchase between 5,000 and 10,000 bare root hardwood tree seedlings
- 2) Purchase between 1,000 and 2,000 pot grown oak, hickory and native shrubs
- 3) Purchase supplies to support the growing of trees from seed
- 4) Secure a contractor to custom grow 2,000 native hardwood trees and shrubs from Kane County seed stock
- 5) Hire a contractor for tree spading and transplantation work
- 6) Hire one or more contractors to supply, install and water a minimum of 3,800 pot grown oaks & 400 native shrubs, for these projects:
 - Install 500 black oak at Freeman Kame – Meagher fields (an Illinois State Nature Preserve)
 - Install 600 oaks and 100 shrubs at Helm Woods (an Illinois State Nature Preserve)
 - Install 1,500 oaks & 150 shrubs at Johnson's Mound (an Illinois State Nature Preserve)
 - Install 1,200 oaks & 150 shrubs at Hannaford Woods

Contacts

Staff Project Manager:	Drew Ullberg
Contractor:	TBD

Project Schedule

STAGE	PROJECTED DATE	ACTUAL DATE
Pot Grown Tree Purchase		
Bid Approval	August 2013	
• Utilization Committee	August 2013	August 29, 2013
• Executive Committee	September 2013	September 6, 2013
• Full Commission	September 2013	September 10, 2013
Project: National Public Lands Day		September 28, 2013
Bare Root Purchase		
Bid Approval	November 2013	
• Utilization Committee	December 2013	October 31, 2013
• Executive Committee	December 2013	November 8, 2013
• Full Commission	December 2013	November 12, 2013
Project Start	December 2013	November 2014
Project Completion	September 2014	

2013 – 2014 Fiscal Year Updates

Aug 13	Quotes for pot grown oaks sought from local vendors. Majestic Oaks Nursery provided the lowest product quote to supply 480 pot grown oaks for \$7,350. Trees will be used for National Public Lands Day tree planting at Schweitzer Woods.
Sep 13	Public Lands Day planting was held and all trees were planted. Staff will water as needed.
Dec 13	A bid for custom growing of oaks from District harvested acorns was opened in October, presented to Planning & Utilization Committee, then received final approval from the full Board in November. The lowest qualified bidder was Majestic Oaks Nursery of Spring Grove, IL for \$38,500 to grow 2000 red oak trees from acorns. Bid specifications for spring 2014 contracted reforestation projects will be written in late December 2013.

Financial Summary

Budget:	\$100,000	
Expenses:	\$7,350	Majestic Oaks Nursery National Public Lands Day event planting at Schweitzer Woods
	\$38,500	Majestic Oaks Nursery Custom grow 2000 oak trees
	\$45,850	Total to date

Account # 03-31-31-7062

Settlers Hill Golf Course Improvements Phase II

Fiscal Year: 2013-2014

Funding

Forest Preserve District: \$550,000
 Other: County Landfill Fund \$550,000
 Total Budget: \$550,000

Budget Breakdown

Engineer: \$ 50,000
 Architect \$500,000

Project Description

The Settlers Hill Golf Course has operated successfully for over 20 years and is looking to continue its success over the next 20 years. The District recently obtained the services of a golf course architect to complete an evaluation of the course including a study to determine if a driving range could be added to the course. Through this process, a long range plan was set in place for needed improvements and adjustments to the course to allow for a driving range to be constructed. The proposed plans have been completed and approved by the Board Of Commissioners, Phase I of the proposed improvements includes the construction of a new hole one and a driving range. Additionally, staff will be seeking a variety of grant programs for this project. Reimbursements are yet to be determined. \$550,000 will be requested from the County Landfill Fund to pay for the project as a landfill end use amenity. .

Contacts

Staff Project Manager: Jerry Culp
 Engineer: Martin Design – Greg Martin

Project Schedule

STAGE	PROJECTED DATE	ACTUAL DATE
Engineering Firm Hiring	Jan 2010	July 2011
Planning & Utilization Committee		
Executive Committee		
Full Commission		
Project Completion		

2013 – 2014 Fiscal Year Updates

Jul 13	Phases I and II; construction of the driving range and relocation of hole #1 were budgeted in the 2013/14 fiscal year for a total estimated cost of \$550,000. Staff working with the county to secure reimbursement from Settler’s Hill Landfill Fund for the \$550,000.
Aug 13	Staff is reviewing the final concept plans for the new golf course layout and comparing it to the proposed Settlers Hill/Fabyan design concept for conflicts.
Sep 13	Martin Design is finalizing the construction drawings for Phase I and II of the project which includes building the new golf hole and driving range.

Financial Summary

Budget:	\$550,000	
Expenses:	\$ 0	TOTAL to date

Account # 03-00-00-3040

Trail Resurfacing

Fiscal Year: 2013-2014

Funding

Forest Preserve District: \$75,000
 Other: \$ 0
 Total Budget: \$75,000

Budget Breakdown

Contractor: \$75,000

Project Description

Each year the District resurfaces regional trail sections as part of the Preventative Maintenance Program initiated several years ago. Annually, alternating between trails on the north and south ends of the county. For the 2013/2014 fiscal year, the District will spend \$75,000 to resurface trail sections of asphalt trail on the north end of the county.

The specifications call for the existing asphalt to be pulverized in place and used as additional base material and then 2" surface course asphalt laid over the base material. The trail is then backfilled with pulverized topsoil and seeded. This year we are planning to resurface the following five sections of trail:

Plans are to resurface sections of the Fox River Trail and the River Bend Trail within the Dundee, Elgin and St. Charles Townships and also a section in the city limits of South Elgin.

Contacts

Staff Project Manager: John Goreth
 Contractor:

Project Schedule

STAGE	PROJECTED DATE	ACTUAL DATE
Bid Letting	March 2014	
Bid Approval		
<ul style="list-style-type: none"> Utilization Committee 	April 2014	
<ul style="list-style-type: none"> Executive Committee 	May 2014	
<ul style="list-style-type: none"> Full Commission 	May 2014	
Construction Start	May 2014	
Construction Completion	June 2014	

2013 – 2014 Fiscal Year Updates

Sep 13	Bid specifications and locations are being determined by Staff with planned bid distribution in November.
Nov 13	Staff is conducting an area analysis to determine best location and routing.
Apr 14	
Jun 14	

Financial Summary

Budget:	\$75,000	
Expenses:		
	\$ 0	Total to Date

Account # 03-21-24-5072

Tree and Brush Thinning Project - Contracted

Fiscal Year: 2013 – 2014

Funding

Forest Preserve District:	\$125,000
Other:	\$ 0
Total Budget:	\$125,000

Budget Breakdown

Contractor:	\$125,000
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Project Description

More than three thousand wooded acres owned by the District have become degraded over time and are in need of basic stewardship in the form of burning, seeding and clearing brush, namely buckthorn and honeysuckle. Many types of woodland are overstocked with aggressive native trees such as sugar maple, black cherry, basswood and/or box elder. Tree and brush thinning is necessary to improve ecological health and increase the amount of light hitting the ground. High light levels are critical to the growth of oak and hickory seedlings. Small-scale tree thinning projects of 10 to 20 acres are tackled by District Staff annually, yet staff is unable to make a dent in the ecological work load.

Funds will be used to hire one or more contractors to selectively thin trees and clear brush from a range of preserves, under direct staff supervision. The six primary contracted projects planned are:

- 1) Freeman Kame-South - clear buckthorn from 40 acres (estimated cost \$80,000)
- 2) Fabyan East Woods - clear buckthorn from 30 acres (estimated cost \$60,000)
- 3) Brunner Family – clear invasive and overstocked native trees across 20 acres (estimated cost \$45,000)
- 4) Helm Woods – clear brush from 30 acres of fields (estimated cost \$32,000)
- 5) Helm Woods – mow buckthorn re-sprouts across 40 acres of woodland (estimated cost \$45,000)
- 6) Burlington Prairie - thin trees and brush surrounding Illinois State Nature Preserve (estimated cost \$30,000).

All of the above proposed projects are either within a designated Illinois State Nature Preserve or within woodlands of moderate to high ecological quality.

Contacts

Staff Project Manager:	Drew Ullberg
Contractor	

Project Schedule

STAGE	PROJECTED DATE	ACTUAL DATE
<i>Freeman Kame South</i>		
Bid Approval	August 2013	
• Utilization Committee	September 2013	September 26, 2013
• Executive Committee	October 2013	October 2013
• Full Commission	October 2013	October 2013
Project Start	October 2013	
Project Completion	November 2013	
<i>Fabyan East Woods</i>		
Bid Approval	November 2013	
• Utilization Committee	December 2013	
• Executive Committee	December 2013	
• Full Commission	December 2013	
Project Start		
Project Completion		
<i>Brunner Family</i>		
Bid Approval	November 2013	
• Utilization Committee	December 2013	
• Executive Committee	December 2013	
• Full Commission	December 2013	
Project Start		
Project Completion		
<i>Helm Woods Brush Clearing</i>		
Bid Approval	January 2014	
• Utilization Committee	January 2014	
• Executive Committee	February 2014	
• Full Commission	February 2014	
Project Start		
Project Completion		
<i>Helm Woods Mowing</i>		
Bid Approval	January 2014	
• Utilization Committee	January 2014	
• Executive Committee	February 2014	
• Full Commission	February 2014	
Project Start		
Project Completion		
<i>Contractor: Burlington Prairie</i>		
Bid Approval	January 2014	
• Utilization Committee	January 2014	
• Executive Committee	February 2014	
• Full Commission	February 2014	
Project Start		
Project Completion		
<i>Contractor: Hannaford Woods</i>		
Bid Approval	January 2014	
• Utilization Committee	January 2014	
• Executive Committee	February 2014	
• Full Commission	February 2014	
Project Start		
Project Completion		

2013 – 2014 Fiscal Year Updates

Jul 13	Staff is preparing bid specs for the Freeman Kame Meagher South project.
Sep 13	Bid opened 9/16 and approved by Planning and Utilization Committee. The bid was distributed to eight (8) vendors with five (5) contractors responding. The lowest qualified bid was received from Homer Tree Service, Lockport IL in the amount of \$79,500.
Dec 13	Homer Tree shall begin tree & brush thinning in January 2014 when ground is sufficiently frozen.

Financial Summary

Budget:	\$125,000		
Expenses:	\$79,500	Homer Tree Service	Freeman Kame Meagher SOUTH
	\$79,500	TOTAL to date	

Account # 03-31-31-7063

Weed Management Project - Contracted

Fiscal Year: 2013 – 2014

Funding

Forest Preserve District: \$100,000
 Other: \$ 0
 Total Budget: \$100,000

Budget Breakdown

Contractor: \$100,000

Project Description

Weed management includes herbicide application and mowing. Between May and September 2012, the full-time crew spent numerous hours mowing and spraying weeds and even then many sites went without critical weed control.

Often, during the spring and summer months scheduled weed management tasks cannot be completed due to lack of time or when time sensitive projects must be completed. For example; garlic mustard, a woodland invasive, control needs to occur in April and early May, exactly when tree saplings arrive for scheduled plantings. Further, the unusually warm winters have caused Canada thistle to start growth in May. Spraying of thistle now conflicts with spring seeding projects and time needed for tree planting.

In January 2012, management of wetlands created at Johnson’s Mound, Sauer Family and Aurora West under an agreement with Kane County and funded through the *County Stormwater funds* are now in need of weed management. Contractors will be hired to control reed canary grass, giant reed, Canada thistle and purple loosestrife at those sites. An estimated \$40,000 will be required for contracted weed control at those three sites.

Preserves in most need of contract herbicide work are as follows:

- Dick Young Forest Preserve- reed canary grass and purple loosestrife
- Freeman Kame Forest Preserve- reed canary grass and purple loosestrife.
- Bliss Woods Forest Preserve- Chervil, garlic mustard and reed canary grass
- Meissner Prairie- Corron Forest Preserve- Chervil, reed canary grass and giant reed

Contacts

Staff Project Manager: Drew Ullberg
 Contractor

Project Schedule

STAGE	PROJECTED DATE	ACTUAL DATE
Bid Letting	November 2013	
Bid Approval		
• Utilization Committee	December 2013	
• Executive Committee	December 2013	
• Full Commission	December 2013	
Project Start	May 2014	
Project Completion	July 2014	

2013 – 2014 Fiscal Year Updates

Sep 13	Bids for projects to be drafted for late winter letting.
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Financial Summary

Budget:	\$100,000	
Expenses:		
	\$ 0	TOTAL to date

Account # 03-31-31-7064

Wildlife Studies

Fiscal Year: 2013-2014

Funding

Forest Preserve District:	\$20,000
Other:	<u>\$ 0</u>
Total Budget:	\$20,000

Budget Breakdown

Contractor: \$20,000

Project Description

Since 2009 staff has expended considerable time and energy studying birds, snakes, turtles and small mammals across District lands, however, important wildlife data is still lacking for more than 60% of the District's 90+ holdings. Funds are used to hire special consultants to conduct baseline bird, insect, snake, and amphibian inventories during FY2013/14 in order to fill more wildlife information gaps. Studies would be conducted at sites such as Brunner Family, Freeman Kame – South, Helm Woods and Dick Young Forest Preserves.

Contractors have been conducting wildlife studies for the District since 2008. Noteworthy studies that have been funded include:

- Rapid assessment of insects, snakes and frogs survey at Big Rock (\$9,000)
- Snake and amphibian surveys at 8 preserves 2009-2012 (\$24,000)
- Breeding bird surveys in 2010 at 4 preserves (\$8,000)
- Two year breeding bird survey at 4 preserves 2011-12 (\$55,200)
- Small mammal surveys at 7 preserves in 2009 (\$37,150)
- Baseline bat surveys at 3 preserves in 2011 (\$24,600)
- Two year nesting bird study by the Illinois Natural History Survey 2012-2013 (\$30,000)

Wildlife inventories are necessary to guide preserve development and planning, land management, and natural areas restoration work. For instance, it would be irresponsible to plan a brush removal project where rare shrub land birds nest. Likewise, if grassland supports rare snakes, the area should not be burned when the animals are active. But, in both examples, we must first examine the areas to determine what animals utilize the land.

Contacts

Staff Project Manager: Drew Ullberg

Contractor:

Project Schedule

STAGE	PROJECTED DATE	ACTUAL DATE
Bid Letting	February 2014	
Bid Approval		
• Utilization Committee	March 2014	
• Executive Committee	April 2014	
• Full Commission	April 2014	
Project Start	May 2014	
Project Complete	June 2014	

2013 – 2014 Fiscal Year Updates

Sep 13	No activity to report at this time.
Dec 13	Wildlife sampling bid specifications shall be drafted in January 2014 for fisheries surveys across selected stream reaches.
May 14	
Jun 14	

Financial Summary

Budget:

Expenses:

\$20,000	
\$ 0	TOTAL to date

Account # 01-31-31-6033

Project	Acct. #	Budgeted Amou	Actual Expenditure	VAR	C=Complete
ADA Barriers Corrections	03-21-24-6095	\$ 150,000	\$ 15,047	\$ 134,953	
Brunner Family Forest Preserve Barn Roof Repair	03-21-24-6090	\$ 100,000		\$ 100,000	
Brunner Family Forest Preserve OSLAD Dev. Grant	03-35-35-7050	\$ 800,000	\$ 24,900	\$ 775,100	
Burnidge Paul Wolff Campground Improvements	03-21-24-7050	\$ 265,000	\$ 74,485	\$ 190,515	
Demolitions	03-21-24-7050	\$ 250,000	\$ 31,000	\$ 219,000	
Fabyan Forest Preserve Bridge/Island Improv.	03-31-31-7040	\$ 495,000	\$ 13,450	\$ 481,550	
Fox River Bluff West Restrooms	03-21-24-7050	\$ 16,000		\$ 16,000	
Great Western Trail Bridge Replacment	03-21-24-7050	\$ 70,000		\$ 70,000	
Great Western Trail Restroom Replacement	03-21-24-6090	\$ 16,000	\$ 16,798	\$ (798)	C
LeRoy Oakes Creek Bend Museum Grant	03-35-35-7050	\$ 204,800	\$ 50,935	\$ 153,865	
Natural Resources Facility	03-35-35-7050	\$ 1,200,000	\$ 58,250	\$ 1,141,750	
Raceway Woods FP Bridge Repairs	03-21-24-6090	\$ 20,000	\$ 15,000	\$ 5,000	C
Reforestation	03-31-31-7062	\$ 100,000	\$ 45,850	\$ 54,150	
Settler's Hill Golf Course Phase II	03-35-35-7050	\$ 550,000		\$ 550,000	
Trail Resurfacing	03-21-24-5072	\$ 75,000		\$ 75,000	
Tree & Brush Clearing Contracted	03-31-31-7063	\$ 125,000	\$ 79,500	\$ 45,500	
Weed Management Contracted	03-31-31-7064	\$ 100,000		\$ 100,000	
Wildlife Studies	01-31-31-6033	\$ 20,000		\$ 20,000	
Total		\$ 4,556,800			2