



LAKE COUNTY FOREST PRESERVE DISTRICT
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Project No.	Project Name	Status of Project
60004	General Habitat Restoration	Funding for on-going restoration improvements, ecological management and natural resource assessments of wildlife populations and habitats. This fiscal year (FY 2016/17) restoration efforts were implemented at Greenbelt, Middlefork Savanna, Rollins Savanna, Van Patten and Wadsworth Savanna Forest Preserves. Restoration work includes the removal of invasive woody vegetation and the purchase of native seed. Seed was installed in fall 2016.
60010	Preserve Tree Planting	In spring and summer 2016, approximately 100 trees and 200 shrubs were planted or replaced along recent development sites, including Greenbelt, Heron Creek, Pine Dunes, Independence Grove, Van Patten Woods and the Millennium Trail underpasses at Grand Avenue. In spring 2016 approximately 50 trees and 100 shrubs will be planted or replaced at Grassy Lake – Hurd, Pine Dunes, Independence Grove and Fox River Forest Preserves.
60008	District-Wide Reforestation	In fall 2016, 956 native trees and 2019 native shrubs were installed for habitat restoration across 150 acres at Prairie Wolf, Middlefork, Independence Grove, and Cuba Marsh Forest Preserves. Maintenance watering was also provided for all trees/shrubs installed in 2015 to ensure establishment. In 2017, it is anticipated that 641 trees and 3082 shrubs will be installed at Rollins Savanna, Marl Flat, Gander Mountain, and Lakewood Forest Preserves.
60009	Repair of Existing Roads/Parking	Contractual pavement maintenance occurred in fall 2016 at various sites, including crack sealing, and pavement markings of roads and parking lots. An engineering contract will be issued in winter 2016/17 for major pavement improvements at Rollins Savanna. Other 2017 maintenance work including patching and pavement markings is to be determined.
60015	Trail Signage & Benches	As part of the approved FY 2016/17 budget, this item was removed from the CIP and incorporated within the Operations and Infrastructure department budget.
60016	Property Fencing	As part of the approved FY 2016/17 budget, this item was removed from the CIP and incorporated within the Operations and Infrastructure department budget.
60018	Preserve Restrooms/Replacements	All identified restrooms that required immediate replacement are complete. As part of the approved FY 2016/17 budget, this item was removed from the CIP. Future restroom replacements will be funded through the Capital Facilities Replacement Fund.



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60025	Dog Area Accessibility Improvements	A preliminary evaluation of accessibility deficiencies at the existing Dog Exercise Areas was conducted in 2015 and will be further refined in 2017. A complete list of proposed improvements will be developed and the improvements will be phased in at the various locations over the next three years.
60022	Facility and Infrastructure Improvements	Based on the information from the 2014 District Wide Facility Assessment of over 90 existing buildings and direction received from the District's Standing Committees, several projects were completed in 2016 including: new parking lot lighting at Independence Grove, roof repairs at the Ryerson Welcome Center, new lighting system for the Independence Grove Visitor Center and the stabilization of the maintenance building at Heron Creek Forest Preserve. Several projects have been identified for 2017/18. These include planning for and replacing the flat roof section of the Visitor Center at Independence Grove, replacement of the HVAC units at the Greenbelt Cultural Center and the General Offices and updating the electrical service at the Old School maintenance building.
64710	Buffalo Creek – MWRD Restoration	In February 2013, the Planning and Restoration Committee approved a concept plan and authorized staff to negotiate an intergovernmental agreement (IGA) with the Metropolitan Water Reclamation District (MWRD) for expansion of the existing reservoir to provide an additional 184 acre/feet of flood storage and completion of the District's planned public access improvements. The District approved the IGA in June 2016 and as a result the District is set to receive approximately \$3.5 million in public access and restoration improvements in exchange for allowing the expansion of the west basin of the existing reservoir. Construction is tentatively scheduled to begin in August 2017.
64701	Buffalo Creek Mitigation Bank Trail	In April 2000 the District and the County of Lake executed an IGA that allowed the Lake County Division of Transportation (LCDOT) to design and construct a wetland mitigation bank on District property for use by LCDOT for their road and transportation needs. In 2009, LCDOT approached the District and requested permission to investigate the western end of Buffalo Creek Forest Preserve as a feasible wetland bank site. In October 2016, the District and the County of Lake executed a new Intergovernmental and License Agreement that will allow for the construction of the wetland bank the expansion of hiking and biking trails at Buffalo Creek Forest Preserve. Construction is tentatively scheduled to begin in spring 2017.
65901	Chain O'Lakes Bike Path – Petite Lake Road Connection	As part of the LCDOT project to reconstruct Petite Lake Road between IL Route 59 and Fairfield Road, the District has agreed to fund the local share for the construction of a 750' section of path along Petite Lake Road that will extend the Chain O'Lakes bike path from the Lake Villa Township property to Bluebird Meadow Forest Preserve. The project was completed in August 2015 and final project closeout occurred in January 2016.



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64104	Cuba Marsh Habitat Restoration	Restoration of wetland marshes, prairie and savanna habitats to enhance wildlife populations and a remnant high quality dry prairie. Planning began in FY 2013/14 with implementation starting in FY 2014/15. During the winter 2014/15, 90 acres of woodland, prairie and wetland was cleared of woody invasive brush and native seed was sown in the fall of 2015. Restoration in FY 2015/16 included clearing of an additional 98 acres of prairie and shrubland habitat to be followed by native seeding in the fall for 2016.
63302	DPR Trail – Ryerson North	A contract for land acquisition for the last remaining 1,500 foot section of the Des Plaines River Trail was approved by the Board on July 15, 2014. Engineering and permitting occurred in early 2015 and construction began in August and continued into the fall. The project was completed and opened to the public in October 2015.
62902	DPR Trail – Wilmot Woods	The District completed a feasibility analysis for a possible trail connection through Wilmot Woods to the Des Plaines River Trail and is awaiting local neighborhood associations to agree on a preferred route. Recent discussions with LCDOT have presented a possible alternative route associated with LCDOT’s planned bike path along IL Route 137 from the DPR Trail to Great Lakes Naval Base. LCDOT began Phase I engineering of the bike path in 2015. The project has been placed on the unfunded list. The District will continue to participate with the planning of this potential alternative.
60301	Duck Farm Munn Road Access	IDOT’s planned improvements to IL Route 132 (Grand Ave.) include a shared use path along the north side of the road connecting the Duck Farm to the Millennium Trail at Fourth Lake Forest Preserve. Neighborhoods along the way will be connected to the shared use path, including a Lindenhurst Park District connection north to Hastings Lake. The project will also include the relocation of the Duck Farm Dog Exercise Area entrance to align with the signalized intersection at Munn Road. IDOT requested design revisions in 2016 to lower project costs and no letting date has been announced. Pending the design revisions, construction may begin in 2017.
63910	Ethel’s Woods – N. Mill Creek Restoration	Construction of Phase I began in the fall of 2014. The lowering of the lake water began in December 2014 and the final stop-log was removed October 2015 to reach the design water elevation for Phase I. We are currently in the two year period for the drained sediments to stabilize and become vegetated. A contract for design, engineering and permitting for Phase II was executed in summer of 2016. Final design and permit applications are anticipated in January of 2017 with the possibility of starting construction on Phase II in summer of 2017 and extending into 2018.



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63901	Ethel's Woods Public Access & Route 45 Tunnel	The Ethel's Woods property was purchased with a State grant from the Open Lands Trust Fund. This grant requires public access improvements including a parking lot, restroom and trails. Due to the need to coordinate this project with the Rasmussen Lake restoration, the District requested and received approval for an extension until 2019 to complete construction. A Phase I preliminary engineering study began in Summer 2015 to evaluate the planned access improvements and underpass at U.S. Route 45 for potential federal funding. Currently staff is finalizing design of the public access improvements only with engineering tentatively scheduled to start in 2017.
65101	Everett Road Trail Connection	This proposed trail will connect Captain Daniel Wright Woods to the roundabout at Everett and Riverwoods Roads. Completion of this trail will link the existing Village bike paths (to the east and south) to Captain Daniel Wright Woods and the DPR Trail. Engineering began in the late summer 2014. A grant application was filed with the IDNR in early 2014 for a potential \$200,000 Illinois Bike Path Grant. The District received notice in August 2015 that all funding through IDNR's Bike Path program will not be moving forward due to the State's fiscal constraints. Competitive bids were received in 2016 and construction is anticipated to start in early 2017.
60406	Fort Sheridan – USACE GLFER Restoration	The USACE Great Lakes Fish and Ecosystem Restoration project began November 2015 with habitat restoration and removal of marine debris along the lakeshore planned for the winter of 2015/16. Ravine, lake bluff, and lakeshore stabilization begin in the spring/summer of 2016 and are part of the USACE's effort to restore ecosystems and fish habitats across the Great Lakes watershed. Most of the scheduled work is complete. Restoration of the mouth of Scott's Ravine and shoreline restoration at the end of cliff drive are planned for the spring of 2017. This is a unique opportunity to work with partners to restore nearly 2 miles of critical lakefront habitat for trees, plants, fish and birds. In-water structures are currently being designed and engineered with construction proposed for 2017/18.
60420	Fort Sheridan Preserve	After extensive public input and a report by an advisory committee the Board decided in March 2012 to not proceed with a golf course, and received concurrence from the Army that the deed restriction did not require the retainage of a golf course on the property. Staff was directed to begin working on a Master Plan that identified alternate land uses. Public open houses were held in June 2012 and in April 2015 to solicit planning ideas and review concept plans for future public access and habitat restoration. The final Master Plan was approved by District Board in November 2015. Engineering for the Master Plan improvements began in Spring 2016 with implementation to occur in 2017.



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64810	Fox River Addition	The project is part of an effort to connect the existing trails at Fox River Forest Preserve with LCDOT's intersection improvements at River and Roberts Roads. The District's portion of trail south of Roberts Road was constructed in 2014. LCDOT's improvement project began in 2014 and continued in 2015. The round-about was opened to traffic in November 2015 and the trail connection opened in fall 2016. Due to concerns over the financial impacts on future operations and public safety, the planned public access improvements north of Roberts Road have been placed on the unfunded list of projects for future consideration.
61811	General Offices – Build Out /Misc. Infrastructure	Construction was completed in April 2016 on the first floor committee room which will allow for additional Museum exhibit space to be constructed in winter 2016/17. Renovation of the lower level of the General Offices to accommodate the storage of the Museum collections will be completed when the collections storage units are installed in May 2017. Museum staff will then begin moving collections from Lakewood Forest Preserve to the new storage space. Additional work is planned in 2017 to construct the Museum exhibit space on the first floor and provide space for potential tenant(s) on the second floor. The Discovery Museum is tentatively scheduled to re-open in late 2017.
64603	Gilmer Road Crossing	Construction started in July 2011 and was completed in June 2012. Project was partially funded with an IDOT ITEP grant that covered 80% of the costs. The District recently received the final billing and the IDOT closeout is complete.
60604	Grant Woods Restoration	Restoration planning began for Grant Woods FY 2014/15. Habitat improvements will enhance woodlands and shrublands in the northern portion of the preserve, north of Monaville Road. Clearing of woody invasive brush across 70 acres was completed in the winter of FY 2015/16. Native seeding within the 70 acres will be completed in the winter of FY 2016/17. An additional 30 acres will be cleared in FY 2017/18 followed by seeding in the fall of 2018.
60618	Grant Woods South Restroom	The District has received several requests from the community for a restroom facility on the south end of Grant Woods Forest Preserve at the Rollins Road trailhead. The proposed new evaporator toilet will also serve a portion of the Chain O'Lakes Bike Path and the Long Lake cartop-only boat launch. The project is currently in design with construction anticipated to occur in summer 2017.



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60701	Grass Lake Road Tunnel	In April 2013 the Board approved an IGA formalizing a partnership with the Lindenhurst Park District, Village of Lindenhurst and Lake Villa Township to construct a tunnel under Grass Lake Road connecting McDonald Woods to several parks and the Millburn West Middle School. District has agreed to allow a portion of the tunnel on District property and to contribute up to \$200,000 towards the project if grant funding doesn't cover all of the construction cost. The project was awarded a CMAQ funding and work began in August 2013. The project was completed and opened to the public in October 2015. The project is in the process of being closed out by IDOT.
60701	Grassy Lake Improvements (Hurd property)	This project includes the construction of approximately 1.5-miles of gravel trail, 1-mile of mowed grass trail, a 24-car parking lot and restroom. Construction began in August 2014 and the public access improvements were completed and open to the public in October 2015. Outside private funding is currently being sought through the Preservation Foundation for restoration work and the educational interpretation features of the project. The habitat restoration work and follow up maintenance and monitoring will continue through 2017/18.
	Heron Creek – IL. Route 22 Connection	The District has been working with IDOT regarding their planned improvements to IL Route 22 which includes the construction of a shared-use path on the south side of IL Route 22 that will provide an important connection linking together Egret Marsh and Heron Creek Forest Preserves. The District is required to cover the local share costs for a 350' section of trail connecting the shared-use path to the existing trails at Heron Creek. Execution of an IGA is expected in 2017 with construction in FY2017/18.
64301	Heron Creek Phase II – Trail Addition	Phase II of the master plan includes a trail connection from the existing preserve trails south to Cuba Road. The project has been removed from the CIP and placed on the unfunded list of potential projects for future consideration.
	Independence Grove – Playground Shade Structure	The District has received several concerns regarding the lack of adequate shade for portions of the Children's Grove play area. The project includes design and construction of a woven fabric shade structure over a portion of the play area. The project has been removed from the CIP and placed on the unfunded list of potential projects for future consideration.
63610	Lake Carina - DPR Trail Bridge Connection	Project includes an expansion of the existing parking lot to accommodate equestrian trailers and the construction of a trail and bridge providing a connection to the existing DPR Trail. Engineering was completed in winter 2015/16. The District has been preliminarily awarded grant in the amount of \$200,000 through the federal Recreational Trail Program (RTP) administered through IDNR. The District has declined the grant and the project has been removed from the CIP and placed on the unfunded list of potential projects for future consideration.



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64910	Lake Marie Public Access	Currently the District does not own a public access entrance to this preserve. This project includes funding for materials for the District's construction staff to build a short section of entrance road and a gravel parking lot to provide initial public access to the site and the District's only publicly accessible property on the Chain-O-Lakes. The project has been removed from the CIP and placed on the unfunded list of potential projects for future consideration.
69101	Lakewood Dog Exercise Area – Use Area Expansion	This project includes the addition of approximately 5.5 acres to the existing 67-acre Dog Exercise Area at Lakewood by expanding into a portion of the former Four Winds Golf Course parcel and adding an additional 0.6 miles of mowed grass trails. The project was complete and open for public use in early October 2015.
61020	Lakewood Forest Preserve	Major trail, tunnel crossings and main entrance improvements were completed in 2012 as part of LCDOT's Fairfield Road and IL Route 176 Intersection Improvement project. Additional stormwater management facilities were constructed in 2013. The new Master Plan for Lakewood Forest Preserve will begin in early 2017.
61010	Lakewood – Tree Planting & Restoration	As part of LCDOT's Fairfield Road and IL Route 176 intersection improvement project, LCDOT has provided funding to the District in the amount of \$500,000 as mitigation for the tree impacts associated with the project. Initial clearing work took place winter 2015/16 and the first phase of tree and shrub planting in the vicinity of the new intersection took place in the Spring and Summer of 2016 and will continue through FY2020/21.
61006	Lakewood Habitat Restoration – Broberg Marsh	Restoration planning began for Broberg Marsh and surrounding uplands in FY 2013/14. Habitat improvements will enhance this important wetland bird breeding area and the surrounding prairie and savanna. Clearing of woody invasive brush across 58 acres was completed in the winter of FY 2014/15 and followed by native seeding in FY 2015/16. Additional invasive plant control was completed in the summer of 2016 with Phase 2 Clearing of all remaining areas in the winter of 2016-2017. Staff is exploring grant opportunities to support and advance further restoration efforts, with project completion in FY 2017/18.
61005	Lakewood Habitat Restoration – Schreiber Bog	Planning began for restoration of important wetland and woodland communities in FY 2013/14. Clearing of woody invasive species was completed across 76 acres of oak woodlands and wetland in FY 2014/15 and 2015/16. Native seed was sown in fall of 2015 and 2016. Additional clearing of 38 acres of woodland and wetland followed by native seeding will be completed in FY 2016/17 with project completion in FY 2017/18.



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63010	Lyons Woods Trail Connection	In 2010 the District completed the Waukegan Savanna Master Plan that included regional trail connecting Lyons Woods and Waukegan Savanna Forest Preserves to the Des Plaines River Trail. Phase I engineering began in Fall 2014 for a 2.4 mile section of the proposed trail from Lyons Woods to Green Bay Road. The District applied for federal funding assistance through the CMAQ program in January 2015 and was notified in November 2015 that the funding had been approved through the TAP program. The project is being bid by IDOT for their January 2017 letting. Construction is tentatively scheduled to start in Spring 2017.
61101	Middlefork Savanna Trail Connection	This project is part of an overall effort to connect the Middlefork Trail and Greenway to the Des Plaines River Trail and represents a partnership between the District, City of Lake Forest, Lake Forest Openlands and Lake Forest Academy. The District applied for federal funding assistance through the CMAQ program in January 2015 and was notified in November 2015 that the funding had been approved through the TAP program. Favorable bids were received in November 2016 and construction anticipated to start in early spring 2017.
63214	Millennium Trail – Wilson Rd. Crossing	The construction portion of the project has been awarded funding assistance through Transportation Alternatives Program (TAP) in the amount of \$2,267,674 toward construction. The project was bid by IDOT in June 2014, and work began in late summer 2014. The underpass was complete and open for public use in late October 2015. Currently awaiting IDOT’s final billing and closeout.
61314	Millennium Trail – Rollins Road Crossing	Engineering contract awarded by Board in November 2009 for crossing project. District received Federal ITEP funding through IDOT, which covers 80% of the project cost. Construction began in August 2013. The project is complete and was opened to the public in fall 2014. The District is awaiting final billing and closeout by IDOT.
63714	Millennium Trail – Grand Avenue Crossing	District received Federal ITEP funding through IDOT for this project which covers 80% of the project cost. Work began on the underpass in July 2012 and was completed and opened to the public in August 2013. The District recently received final billing and final closeout is expected by IDOT in early 2017.
61703	Millennium Trail – Route 45 Tunnel (Ethel’s Woods)	The extension of the Millennium Trail north from McDonald Woods will require an underpass to provide a safe crossing of U.S. Route 45. It is anticipated that the underpass will be located just north of Miller Road and will provide the added benefit of connecting Raven Glen and Ethel’s Woods Forest Preserves. After completion of a Phase 1 study for the project in 2016, it was determined that additional funding would be required to proceed with grant applications and design engineering.



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65203	Millennium Trail – Route 173	District Board approved an IGA with IDOT in September 2013 authorizing IDOT to include the construction of a multi-use path along the north side of IL Route 173 as part of their road improvement project which includes the reconstruction of the bridge over Interstate 94. The District is responsible for the local share (20%) of the cost for construction of approximately 2,400 feet of 10-foot wide asphalt path. Work was completed in 2014. Currently awaiting IDOT’s final billing and closeout.
61303	Millennium Trail – Route 83 & Rollins Road	District Board approved an IGA with LCDOT for the construction of a ¼-mile section of the proposed trail along Rollins Road between Hainesville Road and Hook Drive. The work will be completed in conjunction with LCDOT’s proposed grade separation improvements to the intersection of Route 83 and Rollins Road. The District will reimburse LCDOT for 12% of the local share of the engineering and construction cost. The project was completed and opened to the public in August 2015. The District recently received final billing from LCDOT and final closeout is expected in early 2017.
61603	Millennium Trail – Van Patten Woods Connection	Engineering contract awarded in November 2013 for the design of a 0.5 mile section of shared use path along Russell Road. This new path will begin at the east boundary of Pine Dunes Forest Preserve and continue east to the existing Des Plaines River Trail at Van Patten Woods. This project will provide a link between Pine Dunes and Van Patten Woods Forest Preserves. An IGA with LCDOT, approved by District Board in November 2015, identified the needed ROW for the path improvements and future long term maintenance responsibilities. All ROW has been acquired by LCDOT and it is estimated that the project will be advertised for bids in early 2017 and construction to follow in early summer 2017. In March 2015, the District applied for federal funding assistance through the Regional Trails Program (RTP). In August 2016 the District was notified by IDNR that funding has been approved in the amount of \$200,000.
	Millennium Trail – McDonald Woods to Route 45	As part of the planned Millennium Trail extension connecting McDonald Woods, Raven Glen and Ethel’s Woods Forest Preserves, the District is partnering with IDOT to incorporate a shared-use path within the planned Millburn bypass and U.S. Route 45 improvement project. The District is responsible for the construction of a 0.2 mile trail connection from the existing trails at McDonald Woods east to U.S. Route 45. Final engineering is nearing completion and the District is currently in negotiations with IDOT regarding land acquisition and easement requirements.



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63801	Nippersink Trail Connection	The District has been in discussions with LCDOT regarding their plans to reconstruct and widen Cedar Lake Road from IL Route 120 to Nippersink Road, that will include a shared use path to be constructed along the east side of Cedar Lake Road. LCDOT's project has included negotiations with the District regarding additional right-of-way and plans for a ¾ mile trail connection from the existing loop trail at Nippersink Forest Preserve east to Cedar Lake Road. Staff and LCDOT are coordinating the two projects as one to be built under the same contract. An IGA, that will identify the terms of the shared resources, is expected to be presented to committees for review in February 2017. Engineering is in the final stages with construction to follow in 2017.
61911	Operations Facility – Solar Panels	As part of the strategic objective to reduce the amount of electricity purchased by the District, an option to retrofit the Operations and Public Safety facility with a solar panel system has been proposed. The District applied for an Illinois Clean Energy Coalition grant but was unsuccessful. Other opportunities to fund this project are being explored by staff along with ways to have the same energy reduction impact with an alternative project.
64201	Pine Dunes - SMD	An IGA with the Illinois State Toll Highway Authority (ISTHA) was approved in May 2013 that allowed ISTHA to plan and construct wetland mitigation and additional improvements on a portion of the Pine Dunes Forest Preserve. In return for accommodating the wetland mitigation, the ISTHA constructed 2.6 miles of trails, four boardwalks, 25-car parking lot, evaporator toilet, restoration of approximately 286 acres of wetlands and upland areas and 1.4 miles of stream. The value of the restoration and public access improvements is estimated to be \$8,500,000 - \$9,000,000. The public access improvements were completed and open to the public in November 2015. The mitigation and restoration management and monitoring will be implemented by the ISTHA's contractor through 2021.
	Pine Dunes – Wildlife Conservation Facility	As part of the District's efforts to reduce the number of facilities plans are being prepared to move the Wildlife Conservation Facility from its current location at Fourth Lake Forest Preserve to Pine Dunes Forest Preserve. Transition planning will begin in FY 2017/18 for the relocation of the Discovery Museum artifact storage and the wildlife management operations into the former McClure house. Construction is scheduled for FY 2018/19 and will include new walls to establish interior spaces and the installation of new heating and plumbing.



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56055	Ray Lake – Cuneo Phase I Restoration	The District has/will be receiving approximately \$83,000 in grant funding from the Illinois Clean Energy Community Foundation to support essential site investigations and initial habitat restoration. A drain tile investigation and fish survey were completed in 2016. Detailed soil survey and mapping efforts are on-going and are expect to be completed in Spring 2017. Also in 2017, a consultant will investigate hydrology of the site and determine wetland restoration concept plans. Clearing of invasive woody vegetation and subsequent seeding are also planned for winter of 2017/2018, supported, in part, by the Farm License revenue generated at the site.
62001	Ray Lake – Fort Hill Trail Extension	Phase I of the Master Plan improvements was completed in spring 2012. These improvements included 2.7 miles of crushed stone trails, boardwalks, parking lot and restroom. Phase II is planned to include an additional trail loop and an extension of the Fort Hill Trail to Fremont Center Road. Initial engineering was completed in 2010 and the project is awaiting LCDOT's completion of the shared-use path along Fremont Center Road. Recent discussions with LCDOT indicate that they will not be ready for construction of the Fort Hill Trail along Fremont Center Road until 2018. The project was removed from the CIP and placed on the unfunded list of potential projects for future consideration.
Rollins Savanna – Boardwalk	The District has received several complaints regarding the frequent flooding of a portion of the existing trail at Rollins Savanna Forest Preserve. A 450 foot long boardwalk has been identified as one option to address these concerns. This project was discussed during the FY 2016/17 budget process and it was placed on the unfunded list. Alternative ways to address this issue are currently being explored.	
Rollins Savanna – Trail Connection	This project includes a ½ mile trail extension from the existing loop trail at Rollins Savanna Forest Preserve to the intersection of Dada Drive and Illinois Route 45 and will provide a needed connection linking the Village of Gurnee trail and other unincorporated areas to Rollins Savanna and the Millennium Trail. The Village of Gurnee has agreed to complete the trail connection east of U.S. Route 45 along Knowles Road and has scheduled this work for 2017. Engineering is currently scheduled to begin in 2018 with construction to follow in 2019.	
Ryerson Barn – Education Classroom	Based on the District-wide facility and infrastructure assessment, the decision was made to relocate the Ryerson education classrooms from the present location in the cabins to the main barn. Preliminary design concepts have been developed for the conversion of the first floor of the barn to classrooms with bathroom facilities. Project construction is scheduled for FY 2019/20 at the earliest.	



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61504	Singing Hills/Kettle Grove Restoration	Restoration planning began for Kettle Grove in FY 2014/15. Habitat improvements will enhance this important wetland bird habitat and the surrounding woodland. Clearing of woody invasive brush across 35 acres was completed in the winter of FY 2015/16. Native seed was installed in the fall of 2016. An additional 35 acres of woody invasive brush is to be cleared the winter of FY 2016/17 with seeding to follow.
64811	Spring Bluff Wildlife Observation Area	The project includes the enhancement of Spring Bluff Road as a trail and the placement of a wildlife observation platform. A grant application was filed with the IDNR in 2014 for a potential \$263,750 Open Space Lands Acquisition and Development (OSLAD) Grant. The District received a delayed notice from IDNR in fall 2016 stating that the funding has been approved for the project. During the FY 2016/17 budget discussions, the project was removed from the CIP and placed on the unfunded list of potential projects for future consideration. In September 2016 the Board directed staff to except the grant funding and restore the original funding in the CIP for FY 2017/18. Engineering is scheduled to start early in 2017 with initial construction to start in fall 2017 and continuing into 2018.
65004	Southern DPR Habitat Restoration	Since 2012, canopy thinning and removal of invasive woody brush has occurred across 1,005 acres of MacArthur Woods, Captain Daniel Wright Woods, Grainger Woods and Ryerson Conservation Area. In FY 2016/17 an additional 190 acres of clearing within Captain Daniel Wright Woods and Grainger woods will be completed as well as the third and final phase of canopy thinning at MacArthur Woods.
	Upper DPR - USACE Phase II Ecosystem Restoration	The US Army Corps of Engineers (USACE) has prepared an upper Des Plaines River Phase II plan to address flooding and water quality issues in Lake County and surrounding counties. The plan has identified ecosystem restoration projects at three different forest preserves including: Prairie Stream, Raven Glen and Sedge Meadow. In January 2014, the District Board approved a resolution authorizing the Executive Director to send a letter of Support for the restoration projects. The Upper Des Plaines River and Tributaries, IL and WI Feasibility Report and Integrated Environmental Assessment passed the Civil Works Review Board on May 20, 2015. Final Chief's Report has been transmitted to the Office of Management and Budget (OMB) and Assistant Secretary of the Army for Civil Works (ASACW) for their review. In 2016 Congress approved the Chief's Report, although no funding has been appropriated. The projects could be implemented over a 15 year period if funding appropriation is approved by Congress. This project was removed from the CIP and placed on the unfunded list of potential projects for future funding.



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	Van Patten Woods – Equestrian & Public Parking Improvements	This project was approved in the 5-Year CIP due to the increased demand for additional parking at the existing Russell Road equestrian and general public parking lots. The improvements will expand the existing equestrian parking lot from 6 to 12 spaces and the general parking lot from 8 to 14 spaces. This project was removed from the CIP and placed on the unfunded list of potential projects for future consideration.
64610	Waukegan Savanna – Phase I	The Master Plan was approved by District Board in August 2010. Phase I of the plan includes the implementation of the proposed Dog Exercise Area to be located at the northeast corner of Yorkhouse Road and Delany Road. Improvements include a 60-car parking lot, evaporator toilet and concrete entrance and seating areas. Original bidding was over budget but a second bidding in December 2016 was favorable and construction is scheduled to begin in spring 2017.
62410	Wright Woods/McArthur Woods Dam Removal	Construction was completed in the fall of 2016. Erosion Control Inspections will continue through spring of 2017.
