



LAKE COUNTY FOREST PRESERVES  
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Preservation, Restoration, Education and Recreation

**DATE:** June 6, 2019  
**MEMO TO:** Terry Wilke, Chair  
Finance Committee  
**FROM:** Alex Ty Kovach  
Executive Director

**Agenda Item#** 9.2

**RECOMMENDATION:** Recommend Approval of a Resolution Approving the 10-Year Capital Improvement Plan (CIP) for the 2020 fiscal year budget.

**STRATEGIC DIRECTIONS SUPPORTED:** Public Access and Connections; Conservation; Leadership; Organizational Sustainability; Communication, Education and Outreach

**FINANCIAL DATA:** As noted in Background (below) and on attached spreadsheet.

**BACKGROUND:** As part of the annual budget process, staff requested that all three Committees, at the June 3 Joint Committee meeting, review and provide comments on the 10-year CIP and the list of potential unfunded capital improvement projects. Based on the Committees' discussions, staff would then prepare a revised draft CIP and present it to the Finance Committee, which would then review it and determine whether to recommend approval to the full Board of Commissioners. At the June 3<sup>rd</sup> Joint Committee meeting there were no changes to the proposed CIP.

Under the District's budget process, the Board approves an updated 10-year CIP, prior to its review and approval of the District's overall budget.

The staff-recommended adjustments to the CIP fall into two categories: 1) adjustments to existing funded projects on the CIP, and 2) new projects recommended to be funded or added to the CIP.

Adjustments to existing funded projects on the CIP:

- 1) Millennium Trail - Route 173 - (\$13,095.00). This project was completed by the Illinois Department of Transportation (IDOT) through its Intergovernmental Agreement with the District. Under that IGA, the District's local share obligation was estimated at \$30,000.00. Because of favorable bid pricing, the District's final cost obligations came in under the original cost share estimate. Therefore, the project budget can be reduced and closed. This change has no impacts to the annual operating costs.
- 2) Millennium Trail - Wilson Road Crossing - (\$149,532.00). The District received federal funding assistance for this project through the Congestion Mitigation Air Quality Program (CMAQ) administered through IDOT. The project was completed and opened to the public in October 2015. As part of IDOT's closeout procedures, the final local share requirement has been identified. Because the District's final cost obligations came in under the original cost share estimate, the project budget can be reduced and closed. This change has no impacts to the annual operating costs.

- 3) Duck Farm - Munn Road Access - \$75,000.00. As part of IDOT's planned improvements to IL Route 132, the District negotiated an Intergovernmental Agreement to have the relocation of the existing vehicular entrance to the Dog Exercise Area included within the overall road improvement project. IDOT has awarded the contract for their planned road improvements and the bid line items associated with the District's parking lot entrance relocation have come in higher than the original cost share estimate. Additional funding is needed to fulfill the District's local share requirement. This change has no impacts to the annual operating costs.
- 4) Habitat Restoration - \$363,640.00. To account for long term cost escalation, it is recommended that additional funding be added to the FY2028 and FY2029 budget for this on-going initiative.
- 5) Preserve Tree Planting - \$45,460.00. To account for long term cost escalation, it is recommended that additional funding be added to the FY2028 and FY2029 budget for this on-going initiative.
- 6) District-wide Reforestation - \$90,900.00. To account for long term cost escalation, it is recommended that additional funding be added to the FY2028 and FY2029 budget for this on-going initiative.
- 7) Repair Existing Roads/Parking - \$487,659.00. To account for long term cost escalation, it is recommended that a 6% increase of additional funding be added each year to the FY2025 through FY2029 budget for this on-going initiative.
- 8) Facility and Infrastructure Improvements - \$107,842.00. To account for long term cost escalation, it is recommended that a 2% increase of additional funding be added each year to FY2025 through FY2029 budget for this on-going initiative.
- 9) District-wide Accessibility Improvements - \$450,000.00. Consistent with the Americans with Disabilities Act and the Illinois Accessibility Code, the District has been evaluating all of its facilities, preserves, programs, services, and communications to identify ways to enhance accessibility to individuals with disabilities. After reviewing the access audit and draft report, it is recommended that \$50,000 of additional funding be added each year to the FY2021 through FY2029 budget for this on-going initiative.
- 10) Ryerson Barn – Education Classroom – (\$175,000.00). Based on the District-wide facility and infrastructure assessment, the District has been working with an architect to develop conceptual plans to relocate the education classrooms from their present location in the cabins to the main barn. As the conceptual planning progressed and cost estimates were prepared, it was determined that the proposed improvements would be significantly higher than the available budget. To allow sufficient time to re-evaluate options, it is recommended that this project be removed from the CIP and placed on the list of unfunded CIP projects.

Projects recommended to be funded or added to the CIP:

- 1) Grant Woods-Long Lake Shoreline Stabilization - \$400,000.00. Due to extensive shoreline erosion issues along the District owned portion of Long Lake at Grant Woods Forest Preserve, the District completed shoreline stabilization and restoration work in 2008 on the most severely affected areas. Local residents and the Squaw Creek Clean Water Alliance have recently expressed concerns about further shoreline erosion. Staff recommends that the CIP allocate funding for an engineering study

and seed money for potential grant applications to complete the stabilization of the remaining 835 feet of the District's shoreline. This change has minimal impacts to the annual operating costs.

- 2) Dutch Gap - ACOE 206 Restoration. As part of the US Army Corps of Engineers (USACE) Section 206, Water Resources Development Act, the District is working with the USACE on potential funding for aquatic restoration of a portion of Dutch Gap Forest Preserve. Restoration activities will focus on restoring native plant communities of marsh, wet meadow, wet prairie, mesic and dry prairie and dry savanna areas. If funding is approved, District staff has communicated to ACOE (consistent with Committee policy direction) that the District's participation is contingent upon including District land values to satisfy the local funding match. It is recommended that this project be added to the CIP because staff resources will be applied to this project. Estimated annual operating costs are \$8,900.

**REVIEW BY OTHERS:** Chief Operations Officer, Director of Finance, Director of Planning and Land Preservation, Director of Natural Resources, Corporate Counsel.

STATE OF ILLINOIS)  
  ) SS  
COUNTY OF LAKE )

**BOARD OF COMMISSIONERS  
LAKE COUNTY FOREST PRESERVE DISTRICT  
REGULAR JUNE MEETING  
JUNE 11, 2019**

**MISTER PRESIDENT AND MEMBERS OF THE BOARD OF COMMISSIONERS:**

Your **FINANCE COMMITTEE** presents herewith “A Resolution Approving the Fiscal Year 2020 10-Year Capital Improvement Plan” and requests its approval.

**FINANCE COMMITTEE:**

Date: 6-6-2019       Roll Call Vote: Ayes: \_\_\_\_\_ Nays: \_\_\_\_\_  
 Voice Vote Majority Ayes; Nays: 0

**LAKE COUNTY FOREST PRESERVE DISTRICT  
LAKE COUNTY, ILLINOIS**

**A RESOLUTION APPROVING THE FISCAL YEAR 2020  
10-YEAR CAPITAL IMPROVEMENT PLAN**

**WHEREAS**, pursuant to the Rules of Order and Operational Procedures of the Lake County Forest Preserve District (the "District"), the District's Finance Committee is responsible for recommending budget and appropriations ordinances to the District's Board of Commissioners; and

**WHEREAS**, the Finance Committee has submitted a list of capital improvement projects to the other Standing Committees of the District to be considered; and

**WHEREAS**, the Finance Committee has reviewed and recommends approval of the prioritized 10-Year Capital Improvement Plan attached hereto (the "CIP"), which includes a list of capital improvement projects (the "CIP Projects"); and

**WHEREAS**, the CIP Projects meet the criteria for organizational sustainability, conservation and public access and connections, leadership, organizational sustainability, communication, and education and outreach; and

**WHEREAS**, the CIP will provide an important and useful planning guide for the preparation and approval of the District's annual budget ordinance;

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Commissioners of the Lake County Forest Preserve District, Lake County, Illinois THAT:

**Section 1. Recitals.** The recitals set forth above are incorporated as a part of this Resolution by this reference.

**Section 2. Approval of the CIP.** The CIP is hereby approved in the form attached hereto. The District's Board of Commissioners, Standing Committees, and staff shall use the CIP as a planning guide for the preparation and approval of the District's annual budget ordinance.

**Section 3. Effective Date.** This Resolution shall be in full force and effect from and after its passage and approval in the manner provided by law.

PASSED this \_\_\_\_\_ day of \_\_\_\_\_, 2019

AYES:

NAYS:

APPROVED this \_\_\_\_\_ day of \_\_\_\_\_, 2019

\_\_\_\_\_  
Angelo D. Kyle, President  
Lake County Forest Preserve District

ATTEST:

\_\_\_\_\_  
Julie Gragnani, Secretary  
Lake County Forest Preserve District

Exhibit # \_\_\_\_\_



Lake County Forest Preserve District  
Ten-Year Capital Improvement Plan

Project No.	DRAFT 06/03/2019	ESTIMATED Project Total	Grant/Donation/ Inter Gov/ Endowment/Funding	Budget 2018/19	Estimated 2018/19	Ten Year Funding Requirement											Total Current Funding			
						FY 2020					FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026		FY 2027	FY 2028	FY 2029
						Carry Forward	New Funding	Budget 2020												
<b>Source of Funds</b>																				
	Development Levy Funds					\$3,056,311	\$369,750	\$3,446,061	\$962,430	\$884,000	\$500,000	\$100,000	\$37,000	\$200,000	\$1,217,000	\$750,000	\$300,000			
	Development Bond Funds					7,108,746	0	7,108,746	0	0	0	0	0	0	0	0	0			
	Limited Bonds							0	0	0	0	0	0	0	0	0	0			
	Interest Income on Bond Funds							25,000	25,000	0	0	0	0	0	0	0	0			
	General & Other Funds					4,209,905	51,523	4,261,428	978,000	622,000	962,000	1,400,000	1,500,000	1,376,000	400,000	1,160,000	855,000			
	IDOT Easement / Tree Fees							0	0	0	0	0	0	0	0	0	0			
	Preservation Foundation & Donations							0	0	0	0	0	0	0	0	0	0			
	Grants				\$750,000	113,521	0	113,521	0	0	0	0	0	0	0	0	800,000			
<b>Ongoing Capital Improvements</b>																				
60004	Habitat Restoration			854,894	-	854,894	400,000	1,254,894	400,000	400,000	400,000	400,000	400,000	400,000	400,000	581,820	581,820	\$5,218,534		
60010	Preserve Tree Plantation (includes IDOT funding)PLP		910,000	134,243	17,534	116,709	75,000	191,709	75,000	75,000	75,000	54,432	50,000	50,000	50,000	72,730	72,730	\$769,601		
60008	District-wide Reforestation NR			281,955	-	281,955	100,000	381,955	100,000	100,000	100,000	100,000	100,000	100,000	100,000	145,450	145,450	\$1,372,855		
60009	Repair Existing Roads/Parking			1,982,397	1,105,000	877,397	500,000	1,377,397	500,000	500,000	500,000	500,000	530,000	561,800	595,508	631,238	669,113	\$6,365,056		
60022	Facility and Infrastructure Improvements			1,305,943	1,195,700	586,243	350,000	936,243	350,000	350,000	350,000	350,000	357,000	364,140	371,423	378,851	388,428	\$4,194,085		
60030	District-wide Accessibility Improvements			50,000	-	50,000	50,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	\$950,000		
Sub-Total				4,610,431	2,368,234	2,717,197	1,475,000	4,192,197	1,525,000	1,525,000	1,525,000	1,504,432	1,537,000	1,575,940	1,616,931	1,910,090	1,955,541			
<b>Public Access/Misc. Projects</b>																				
64701	Buffalo Creek - LCDOT Mitigation Bank Trail	\$1,300,000	1,060,727	15,000	-	15,000	-	15,000	-	-	-	-	-	-	-	-	-	\$15,000		
64710	Buffalo Creek - MWRD Reservoir Expansion	3,500,000	3,500,000	122,479	-	122,479	-	122,479	-	-	-	-	-	-	-	-	-	\$122,479		
60025	Duck Farm Dog Exercise Area Accessibility	220,000	-	220,000	-	220,000	-	220,000	-	-	-	-	-	-	-	-	-	\$220,000		
60301	Duck Farm Munn Road Access	100,000	-	100,000	61,611	38,389	75,000	113,389	-	-	-	-	-	-	-	-	-	\$113,389		
63901	Ethel's Woods - Public Access	4,379,000	-	852,160	721,713	130,447	-	130,447	-	-	-	-	-	-	-	-	-	\$130,447		
85101	Everett Road Trail Connection	1,850,000	-	385,869	-	385,869	-	385,869	-	-	-	-	-	-	-	-	-	\$385,869		
80420	Fort Sheridan Preserve	2,949,668	-	332,760	248,043	84,717	-	84,717	-	-	-	-	-	-	-	-	-	\$84,717		
60701	Grassy Lake Improvements (Hurd property)	3,025,000	179,000	274,206	-	274,206	40,000	314,206	10,000	-	-	-	-	-	-	-	-	\$324,206		
	Greenbelt Cultural Center - Entrance Sign Modification			50,000	-	50,000	-	50,000	-	-	-	-	-	-	-	-	-	\$50,000		
	Hastings Lake Trail Connection	TBD	19,450	19,450	19,450	-	-	-	-	-	-	-	-	-	-	-	-	\$0		
64301	Heron Creek - IL Route 22 Connection	20,000	-	20,000	-	20,000	-	20,000	-	-	-	-	-	-	-	-	-	\$20,000		
Sub-Total				12,847,570	3,166,841	9,650,727	205,000	9,855,727	130,000	34,620	-	-	-	-	-	-	-			
<b>Habitat Restoration Projects</b>																				
62404	Buffalo Creek Mitigation - Wright Woods	\$400,000	400,000	400,000	243,605	156,395	-	156,395	-	-	-	-	-	-	-	-	-	\$156,395		
64104	Cuba Marsh Habitat Restoration	650,000	-	58,901	58,892	-	-	-	-	-	-	-	-	-	-	-	-	\$0		
	Dutch Gap ACOE 205 Restoration	15,000,000	10,000,000	125,000	125,000	-	-	-	-	-	-	-	-	-	-	-	-	\$0		
63910	Ethel's Woods - N. Mill Creek Restoration	6,842,438	1,000,000	3,326,172	3,326,172	(0)	-	(0)	-	-	-	-	-	-	-	-	-	\$0		
60406	Fort Sheridan - USACE GLFER Restoration	7,430,000	4,830,000	902,240	902,240	-	-	-	-	-	-	-	-	-	-	-	-	\$0		
63709	Fourth Lake - Hepatica Restoration	76,000	76,000	41,110	27,182	13,928	-	13,928	-	-	-	-	-	-	-	-	-	\$13,928		
	Grant Woods - Long Lake Shore Stabilization	TBD	-	-	-	-	50,000	-	50,000	350,000	-	-	-	-	-	-	-	\$400,000		
60604	Grant Woods Restoration	582,346	582,346	231,281	189,348	41,933	-	41,933	-	-	-	-	-	-	-	-	-	\$41,933		
56059	Greenbelt Restoration	77,000	-	77,000	77,000	-	-	-	-	-	-	-	-	-	-	-	-	\$0		
61012	Lakewood - Smooth Green Snake Reintroduction	50,744	-	50,744	41,616	9,128	-	9,128	-	-	-	-	-	-	-	-	-	\$9,128		
61006	Lakewood Habitat Restoration - Broberg Marsh	450,000	-	3,000	3,000	(0)	-	(0)	-	-	-	-	-	-	-	-	-	\$0		
61005	Lakewood Habitat Restoration - Schreiber Bog	900,000	-	170,129	170,129	0	-	0	-	-	-	-	-	-	-	-	-	\$0		
61110	Middlefork - Buckhorn Pilot Project	3,250,000	174,545	103,601	87,790	15,811	-	15,811	-	-	-	-	-	-	-	-	-	\$15,811		
	Oak Woodland and Ecological Complexes	TBD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$0		
64404	Old School - Phase II Restoration	TBD	-	189,000	184,012	4,988	-	4,988	-	-	-	-	-	-	-	-	-	\$4,988		
62504	Prairie Wolf - Mitigation Project	500,000	500,000	435,450	129,617	305,833	-	305,833	-	-	-	-	-	-	-	-	-	\$305,833		
56055	Ray Lake - Cuneo Phase I Restoration	163,847	85,000	1,907	1,907	-	-	-	-	-	-	-	-	-	-	-	-	\$1,907		
61504	Singing Hills/Kettle Grove Restoration	475,000	475,000	212,696	212,696	(0)	-	(0)	-	-	-	-	-	-	-	-	-	\$0		
65004	Southern DPR Preserve Habitat Restoration	3,000,000	-	323,696	323,696	-	-	-	-	-	-	-	-	-	-	-	-	\$0		
56050	Spring Bluff - Connecting Wetlands	582,765	1,000,000	610,000	512,290	97,710	-	97,710	-	-	-	-	-	-	-	-	-	\$97,710		
65012	Southern DPR - Woodland Amphibian Reintroduction	125,000	-	75,000	25,000	50,000	-	50,000	-	-	-	-	-	-	-	-	-	\$50,000		
Sub-Total		\$48,069,908	\$38,087,274	24,795,128	12,174,560	13,065,556	1,730,000	14,795,556	2,005,000	1,559,620	1,525,000	1,504,432	1,537,000	1,575,940	1,616,931	1,910,090	1,955,541	\$29,985,109		

\* - Pending Grant, Donation or IGA

AVAILABLE FUNDS:

\$159,199    \$124,629    \$71,009    \$0.009    \$3,578    \$3,578    \$3,638    \$3,707    \$3,617    \$3,076

**UNFUNDED CAPITAL IMPROVEMENT PROJECTS (CIP)**  
**FINANCE COMMITTEE MEETING**

June 6, 2019

The following is a list of potential unfunded projects to consider for possible future inclusion into the 10-year CIP. This list was originally developed during the FY 2015/2016 budget discussions, and the proposed changes are a result of discussions in Committee and with staff, and requests from the community over the past year.

**ADDITIONAL PUBLIC ACCESS & HABITAT RESTORATION PROJECTS TO CONSIDER:**

<b>DESCRIPTION</b>	<b>ESTIMATED PROJECT COSTS w/o Funding Assistance</b>	<b>POTENTIAL GRANT FUNDING</b>	<b>ANNUAL OPERATING COSTS</b>
	\$	\$	\$
Dog Exercise Area Access Improvements - Prairie Wolf, Lakewood, Independence Grove	580,000	0	Maintenance Reduction
Ray Lake-Fort Hill Trail Extension	650,000	325,000	10,900
Millennium Trail-Round Lake Section	4,185,000	2,885,000	TBD
Millennium Trail-Ethel's Woods to Pine Dunes	3,852,000	2,632,000	34,000
Millennium Trail-McDonald Woods to Raven Glen	475,000	355,000	TBD
Middlefork Trail and Greenway (Scope Reduction)	1,550,000	979,000	19,800
Chain O' Lakes Bike Path-Bluebird Meadow	1,650,000	1,050,000	13,500
<b>Lakewood Complex</b>			
1. <i>Broberg Marsh Phase II</i>	448,600	100,000	10,000
2. <i>Lakewood South – 1,000 Acre Woodland</i>	1,435,400	500,000	20,000
3. <i>Ray Lake Upland Restoration</i>	1,735,225	1,250,000	10,000
4. <i>Wauconda Bog</i>	245,000	100,000	8,000
5. <i>Ray Lake Hydrological Investigation</i>	250,000	50,000	0
6. <i>Smooth Green Snake Reintroduction</i>	20,000	0	0
<b>Southern Des Plaines River Complex</b>			
1. <i>Woodland Amphibian Reintroduction</i>	50,000	0	1,500
2. <i>Woodland Habitat Restoration Phase III Assessment</i>	110,000	55,000	3,000
3. <i>Old School Phase II Restoration</i>	324,500	100,000	500
4. <i>Cahokia Flatwoods Restoration</i>	693,000	350,000	20,000
<b>North Central Grassland Ecosystem Complex</b>			
1. <i>Wadsworth Savanna Restoration</i>	690,000	100,000	8,000
2. <i>Ethel's Woods Restoration</i>	314,250	100,000	15,000
3. <i>Van Patten Restoration</i>	719,500	250,000	8,000
4. <i>Pine Dunes Wetland Restoration</i>	225,000	225,000	5,000
5. <i>Dutch Gap Grassland Restoration</i>	665,000	400,000	25,000
6. <i>Prairie Stream Grassland Restoration</i>	484,000	240,000	15,000
Waukegan Savanna Regional Trail (Green Bay to Wadsworth Rd.)	7,500,000	5,285,000	13,500
Chain O'Lakes Bike Path-Grant Woods Trail Surfacing	500,000	0	3,240
Van Patten Woods-Equestrian & Public Parking	300,000	200,000	2,500
Lake Carina-DPR Trail Bridge & Equestrian Parking	1,651,000	200,000	2,500



<b>DESCRIPTION</b>	<b>ESTIMATED PROJECT COSTS w/o Funding Assistance</b>	<b>POTENTIAL GRANT FUNDING</b>	<b>ANNUAL OPERATING COSTS</b>
	\$	\$	\$
Lake Marie Public Access	105,000	50,000	40,000
Fort Sheridan-Phase II Master Plan Improvements	860,000	400,000	1,500
Gander Mountain Habitat Restoration	466,200	100,000	4,000
Fourth Lake Habitat Restoration	509,000	250,000	10,000
Fox River Addition (north of Roberts Road)	1,200,000	400,000	50,000
Grand Illinois Trail-Singing Hills to McHenry County	TBD		TBD
Mill Creek Master Plan	TBD		TBD
Ryerson Bridge Connection-Linking Ryerson to DPR Trail	1,500,000	400,000	1,500
Heron Creek Phase II-Trail Addition	650,000	325,000	5,400
Independence Grove-Playground Shade Structure	40,000	0	Minimal Impacts
District-wide Accessibility Improvements	6,871,650		TBD
Ryerson Barn-Education Classroom	TBD		TBD
Solar Energy Opportunities	TBD		TBD
	<b>TOTALS</b>	<b>43,504,325</b>	<b>19,656,000</b>