# LAKE COUNTY FOREST PRESERVES www.LCFPD.org



Preservation, Restoration, Education and Recreation

**DATE:** June 3, 2019

**MEMO TO:** Jessica Vealitzek, Chair

**Operations Committee** 

John Wasik, Chair Planning Committee

Terry Wilke, Chair Finance Committee

**FROM:** Alex Ty Kovach

**Executive Director** 

**RECOMMENDATION:** Review and comment on the proposed changes to the 10-Year Capital Improvement Pan (CIP). The CIP will then be presented to the Finance Committee for consideration as part of the FY2020 budget process.

**STRATEGIC DIRECTIONS SUPPORTED:** Public Access and Connections; Conservation; Leadership

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

**BACKGROUND:** As part of the annual budget process, staff is requesting 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 will then prepare a revised draft CIP and present it to the Finance Committee, which will then review the CIP and determine whether to recommend approval of a CIP to the full Board of Commissioners that it approve the FY2020 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) <u>Millennium Trail Wilson Road Crossing (\$149,532.00)</u>. 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) <u>Duck Farm Munn Road Access \$75,000.00</u>. 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) <u>Habitat Restoration \$363,640.00</u>. 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) <u>Preserve Tree Planting \$45,460.00</u>. To account for long term cost escalation, it is recommended that additional funding be added to the FY2028 and FY2029 budget for this ongoing initiative.
- 6) <u>District-wide Reforestation \$90,900.00</u>. To account for long term cost escalation, it is recommended that additional funding be added to the FY2028 and FY2029 budget for this ongoing 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) <u>District-wide Accessibility Improvements \$450,000.00</u>. 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) <u>Dutch Gap ACOE 206 Restoration</u>. 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 contingence 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.

## Lake County Forest Preserve District Ten- Year Capital Improvement Plan

	Ten Year Funding Requirement																	
	DRAFT 06/03/2019		Grant/Donation/				FY 2020					1						Total
Project No.		ESTIMATED Project Total	Inter Gov/ Endowment/Funding	Budget 2018/19	Estimated 2018/19	Carry Forward	New Funding	Budget 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Current Funding
INU.	Source of Funds	Froject rotal	Endowment/Funding	2010/19	2010/19	FOIWAIU	Funding	2020	2021	2022	2023	2024	2023	2020	2021	2020	2029	runding
	Development Levy Funds					\$3,056,311	\$389,750	\$3,446,061	\$992,430	\$884,000	\$500,000	\$100,000	\$37,000	\$200,000	\$1,217,000	\$750,000	\$300,000	ı
	Development Bond Funds Limited Bonds					7,108,746	0	7,108,746 0	0 0	0	0	0						ı
	Interest Income on Bond Funds						25,000	25,000	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					200 000	ı
	Preservation Foundation & Donations Grants				\$750,000	113,521	0	113,521	0	0	0	0					800,000	ı
	Ongoing Capital Improvements				<del>\$1.00,000</del>	,		,										
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 Planting (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	\$766,601
60008 60009	District-wide Reforestation NR Repair Existing Roads/Parking			281,955 1,982,397	- 1,105,000	281,955 877,397	100,000 500,000	381,955 1,377,397	100,000 500,000	100,000 500,000	100,000 500,000	100,000 500,000	100,000 530,000	100,000 561,800	100,000 595,508	145,450 631,238	145,450 669,113	\$1,372,855 \$6,365,056
60022	Facility and Infrastructure Improvements			1,306,943	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	386,428	\$4,194,085
60030	District-wide Accessibility Improvements			50,000	50,000	-	50,000	50,000	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	
64701	Public Access/Misc. Projects 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 65101	Ethel's Woods - Public Access Everett Road Trail Connection	4,379,000 1,650,000		852,160 385,869	721,713	130,447 385,869	-	130,447 385,869	-	-	-	-	-					\$130,447 \$385,869
60420	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
C4204	Hastings Lake Trail Connection Heron Creek - IL Route 22 Connection	TBD 20,000	19,450	19,450 20,000	19,450	20,000	-	20,000	-	-	-	-	-					\$0 \$20,000
64301	Lake County Destination	20,000 TBD		20,000	-	20,000	-	20,000	-	-	-	-	-					\$20,000 \$0
61020	Lakewood Forest Preserve	4,264,950		4,257,423	8,122	4,249,301	-	4,249,301	-	-	-	-	-					\$4,249,301
61011	Lakewood-Grounds Maint. Building Replacement	2,525,000		2,525,000	250,000	2,275,000	-	2,275,000	-	-	-	-	-					\$2,275,000
61010	Lakewood - Tree Planting	500,000	500,000	70,000	-	70,000	90,000	160,000	120,000	34,620	-	-	-					\$314,620
63010 61101	Lyons Woods Trail Connection Middlefork Savanna Trail Connection	3,000,000 2,800,000	2,257,815 2,058,196	169,517 348,171	91,765 328,790	77,752 19,381	-	77,752 19,381	-	-	-	-	-					\$77,752 \$19,381
65503	Millennium Trail - McDonalds Woods to RTE 45	TBD	_,000,100	210,000	2,200	207,800	-	207,800	-	-	-	-	-					\$207,800
63903	Millennium Trail - Rte 45 Tunnel and Trail	4,300,000	*	1,408,424	368,626	1,039,798	-	1,039,798	-	-	-	-	-					\$1,039,798
61603	Millennium Trail - Van Patten Woods Connection Nippersink - LCDOT Trail Connection	1,310,000	200,000	111,287	43,080	68,207	-	68,207	-		-	-	-					\$68,207
63801	North-Central Preserve Connections	1,121,228 TBD	1,111,228	10,000	-	10,000	-	10,000	-	-	-	_						\$10,000 \$0
	Oriole Grove - Master Plan	TBD		-	-	-	-	-	-	-	-	-	-					\$0
	Pine Dunes - Wildlife Conservation Facility	50,000		20,547	-	20,547	-	20,547	-	-	-	-	-					\$20,547
61301	Rollins Savanna - Gurnee Trail Connection	520,000	262 700	438,788	224,642	214,146	-	214,146	-	-	-	-	-					\$214,146
64811 64610	Spring Bluff Wildlife Observation Area Waukegan Savanna - Dog Exercise Area	600,000 2,150,000	263,700	143,780 257,467	128,778 214,779	15,000 42,688	-	15,000 42,688	-	-	-	-						\$15,000 \$42,688
		,,				·	005 000		420,000	24.000								, , , , , , , , , ,
	Sub-Total			12,847,570	3,166,841	9,650,727	205,000	9,855,727	130,000	34,620	-	-	+ -	-	-	-	-	
62404	Habitat Restoration Projects 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	400,000	58,901	58,892	130,395	-	-	-	-	-	-						\$150,595 \$0
	Dutch Gap ACOE 206 Restoration	15,000,000	10,000,000	125,000	125,000	-	-	-	-	-	-	-	-					\$0
	Ethel's Woods - N. Mill Creek Restoration	6,842,438	1,000,000	3,326,172	3,326,172	(0)	-	(0)	-	-	-	-	-					\$0 \$0
60406 63709	Fort Sheridan - USACE GLFER Restoration Fourth Lake - Hepatica Restoration	7,430,000 76,000	4,830,000 76,000	902,240 41,110	902,240 27,182	13,928	-	13,928	-	-		-	-					\$0 \$13,928
33,03	Grant Woods - Long Lake Shore Stabilization	76,000 TBD	70,000	41,110	-	-	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	77,000	-	-	-	-	-	-	-	-					\$0
61012 61006	Lakewood - Smooth Green Snake Reintroduction Lakewood Habitat Restoration - Broberg Marsh	50,744		50,744	41,616	9,128	-	9,128	-	-	-	-	-					\$9,128 \$0
61005	Lakewood Habitat Restoration - Broberg Marsh Lakewood Habitat Restoration - Schreiber Bog	450,000 900,000		3,000 170,129	3,000 170,129	(0) 0	-	(0) 0	-	-	-	-	-					\$0 \$0
61110	Middlefork - Buckthorn Pilot Project	3,250,000	174,545	103,601	87,790	15,811	-	15,811	-	-	-	-	-		İ			\$15,811
	Oak Woodland and Ecological Complexes	TBD		-	-	-	-	-	-	-	-	-	-					\$0
64404	Old School - Phase II Restoration	TBD	F00 000	189,000	184,012	4,988	-	4,988	-	-	-	-	-					\$4,988
62504 56055	Prairie Wolf - Mitigation Project Ray Lake - Cuneo Phase 1 Restoration	500,000 163,847	500,000 85,000	435,450 1,907	129,617 -	305,833 1,907	-	305,833 1,907	-	-		-						\$305,833 \$1,907
61504	Singing Hills/Kettle Grove Restoration	475,000	475,000	212,696	212,696	(0)	-	(0)							<u>L</u>			\$0
65004	Southern DPR Preserve Habitat Restoration	3,000,000		323,896	323,896	-	-	-	-	-	•	-	-					\$0
56050	Spring Bluff - Connecting Wetlands	582,765 125,000	1,000,000	610,000	512,290	97,710	-	97,710	-	-	-	-	-					\$97,710
65012	Southern DPR - Woodland Amphibian Reintroduction			75,000	25,000	50,000	- -	50,000		-	-	-	+ -		1			\$50,000
	Sub-Total	\$86,069,908	\$38,087,274	7,337,126 <b>24 795 128</b>	6,639,485 <b>12,174,560</b>	697,632 <b>13,065,556</b>	50,000 <b>1,730,000</b>	747,632 <b>14,795,556</b>	350,000 <b>2,005,000</b>	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
		ψ00,003,300	Ψ30,001,214	27,133,120	12,174,300	10,000,000	1,730,000	14,130,000	2,003,000	1,555,020	1,020,000	1,504,452	1,557,000	1,513,540	1,010,931	1,510,030	1,555,541	Ψ20,000,100

#### **UNFUNDED CAPITAL IMPROVEMENT PROJECTS (CIP)**

#### JOINT COMMITTEE MEETING

June 3, 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:

DESCRIPTION	ESTIMATED PROJECT COSTS w/o Funding \$ Assistance	POTENTIAL GRANT S FUNDING	ANNUAL OPERATING S COSTS
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
Lakewood Complex  1. Broberg Marsh Phase II  2. Lakewood South – 1,000 Acre Woodland  3. Ray Lake Upland Restoration  4. Wauconda Bog  5. Ray Lake Hydrological Investigation  6. Smooth Green Snake Reintroduction	448,600 1,435,400 1,735,225 245,000 250,000 20,000	100,000 500,000 1,250,000 100,000 50,000	10,000 20,000 10,000 8,000 0
Southern Des Plaines River Complex  1. Woodland Amphibian Reintroduction  2. Woodland Habitat Restoration Phase III Assessment  3. Old School Phase II Restoration  4. Cahokia Flatwoods Restoration	50,000 110,000 324,500 693,000	55,000 100,000 350,000	1,500 3,000 500 20,000
North Central Grassland Ecosystem Complex  1. Wadsworth Savanna Restoration  2. Ethel's Woods Restoration  3. Van Patten Restoration  4. Pine Dunes Wetland Restoration  5. Dutch Gap Grassland Restoration  6. Prairie Stream Grassland Restoration	690,000 314,250 719,500 225,000 665,000 484,000	100,000 100,000 250,000 225,000 400,000 240,000	8,000 15,000 8,000 5,000 25,000 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

DESCRIPTION	ESTIMATED PROJECT COSTS w/o Funding \$ Assistance	POTENTIAL GRANT \$ FUNDING	ANNUAL OPERATING S COSTS
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
TOTALS	43,504,325	19,656,000	⊌
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