

LAKE COUNTY FOREST PRESERVES www.LCFPD.org

Preservation, Restoration, Education and Recreation

DATE: January 28, 2016

MEMO TO: Bonnie Thomson Carter, Chair Planning and Restoration Committee

> S. Michael Rummel, Chair Finance and Administrative Committee

Craig Taylor, Chair Education, Cultural Resources and Public Affairs Committee

Carol Calabresa, Chair Land Preservation and Acquisition Committee

FROM: Randall L. Seebach, Director Planning and Land Preservation

<u>RECOMMENDATION</u>: Review the proposed changes to the 5-Year CIP, and forward for other Committees to review as part of the FY 2016-2017 budget process.

STRATEGIC DIRECTION(S) SUPPORTED: Conservation, Leadership, Public Access and Connections and Organizational Sustainability

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

BACKGROUND: As part of the annual budget process, the 5-year CIP and the list of potential unfunded capital improvement projects are reviewed and amended as recommended by the Planning and Restoration Committee and with input from other Standing Committees. The final version of the updated 5-year CIP is approved by the Board when the budget is adopted.

The 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:

- <u>DPR Trail Ryerson North (\$123,000)</u>. This project was completed and opened to the public in October 2015. The project budget can be reduced due to excellent bid prices and construction management.
- <u>Ethel's Woods North Mill Creek Restoration (\$465,000)</u>. As Phase I of this project is nearing completion and a more accurate cost estimate has been developed for Phase II and it has been determined that the project budget can be reduced.
- 3) <u>Grassy Lake Improvements (Hurd Property) \$75,000</u>. In order to address a drainage concern that became apparent during construction and to complete Phase II habitat restoration, additional funding is needed. The drainage improvements will occur in 2016 and the habitat restoration work and follow up maintenance and monitoring will continue through 2017.
- Lakewood Dog Exercise Area Use Area Expansion (\$20,000). This project was completed and opened to the public in October 2015 and the project can be reduced due to excellent bid prices and construction management.

- 5) <u>Millennium Trail Wilson Road Crossing (\$170,000)</u>. The District received federal funding assistance for this project through the Transportation Alternatives Program (TAP) administered through IDOT. The project was completed and opened to the public in October 2015. As part of IDOT's closeout procedures a more accurate cost estimate has been developed identifying the final local share requirement. The project budget can be reduced due to excellent bid prices and project management.
- 6) <u>Millennium Trail Rollins Road Crossing \$250,000</u>. The District received federal funding assistance through the Transportation Enhancement Program (ITEP) administered through IDOT. The project was complete and opened to the public in the fall 2014. Due to the complexity of federal grant funding and reimbursements, the District removed \$615,432 from the project budget in 2014 thinking all reimbursement to the State was accounted, but late billing by the State and a more accurate cost estimate has identified that additional funding is needed to fulfill the District's local share requirement.
- 7) <u>Millennium Trail Grand Avenue Crossing \$173,000</u>. The District received federal funding assistance through the ITEP program administered through IDOT. The project was completed and opened to the public in August 2013. Due to the complexity of federal grant funding and reimbursements, the District removed \$143,265 from the project budget in 2013 thinking all reimbursement to the State was accounted, but late billing by the State and a more accurate cost estimate has identified that additional funding is needed to fulfill the District's local share requirement.
- Pine Dunes SMD (\$40,000). The public access portion of this project was complete and opened to the public in November 2015. The project budget can be reduced due to lower than expected material costs and good project management.
- 9) Spring Bluff Wildlife Observation Area (\$160,000). Due to State's suspension of the OSLAD funding and financial concerns over the available CIP funding, it is recommended that the site development plan be revised to reflect a reduction in the budget by \$160,000.00. The wildlife observation platform will remain in the project. Construction is anticipated to begin in FY 2016-17.
- 10) <u>Upper DPR USACE Phase II Ecosystem Restoration (\$3,000,000)</u>. Due to financial concerns over the available CIP funding, and the lack of movement from the USACE, it is recommended that this project be removed from the 5-year CIP and placed on the unfunded list of potential projects for future consideration. The funding set aside for this project can be reallocated towards other priority projects.
- 11) <u>Waukegan Savanna Phase I \$450,000</u>. As final engineering progresses for the new Dog Exercise Area improvements, a detailed cost estimate has been prepared further identifying that additional funding is needed for the construction associated with this project. Construction is anticipated to begin in July 2016.
- 12) <u>Wright Woods/McArthur Woods Dam Removal \$690,000</u>. The District received funding from IDNR for the removal of the two remaining low head dams on the Des Plaines River. The District was notified in July 2015 that the funding has been suspended due to the States budget constraints. As a result, it is recommended that funding for this project be included in the CIP. The District received competitive bids for this project in 2015 and the contractor has agreed to honor his bid until December 31, 2016.

Projects recommended to be funded or added to the CIP:

- Pine Dunes Wildlife Conservation Facility- \$50,000. As part of the District Wide Facility Assessment, it was recommended that the existing Wildlife Conservation Facility, currently located at Fourth Lake Forest Preserve, and the Lake County Discovery Museum's large object storage facility, currently located at Prairie Stream Forest Preserve, be relocated to Pine Dines Forest Preserve. Funding is needed to design and renovate the existing building at the former McClure property. Construction is anticipated to occur in FY2018-19. Estimated annual operating cost reduction is \$6,750.00.
- 2) <u>Ray Lake Cuneo Restoration \$85,000</u>. The District received funding assistance from the Illinois Clean Energy Community Foundation for the purchase of an addition to Ray Lake Forest Preserve known as the Cuneo property. As portion of the funding assistance is to be directed towards habitat restoration. Restoration work will begin in FY2016-17 and includes soil and drain tile surveys and the removal of invasive plant species. Minimal impacts to the annual operating costs.
- <u>Rollins Savanna Boardwalk \$350,000</u>. The District has received several complaints regarding the frequent flooding of a portion of the existing trail. To address these concerns, funding is needed to design and construct a 450 foot long boardwalk. Construction is anticipated to occur in FY2017-18. Estimated annual operating cost reduction is \$2,500.00.

- 4) <u>Ryerson Barn Education Classroom \$175,000</u>. As part of the District Wide Facility Assessment, it was recommended that the Borland and Cramer cabins be removed and the education programing that occurs within those buildings be relocated to the main barn. Funding is needed to design and renovate a portion of the main barn to construct a classroom for education programs. Construction is anticipated to occur in FY2019-20. Estimated annual operating cost reduction is \$12,300.00.
- 5) <u>District-wide Reforestation \$150,000/Year</u>. As part of the District's Oak Ecosystem Recovery Plan, the District has been performing reforestation since 2012 using a portion the tree impact fees received from IDOT for the tree removals as part of the Route 21 road improvement project. It is recommended that the District continue with the Oak Recovery Plan and allocate funding on an annual basis to plant approximately 3,000 trees and shrubs per year. Minimal impacts to the annual operating costs.

<u>REASON FOR RECOMMENDATION</u>: Committee recommendation and Board approval are required in accordance with District policy.

<u>REVIEW BY OTHERS</u>: Executive Director, Chief Operations Officer, Director of Finance, Director of Natural Resources, Director of Facilities, Director of Operations & Infrastructure, Corporate Counsel

PRESENTER: Randall L. Seebach

								EV 0046/47		Five Ye	ar Funding Require	ment			
Project No.	DRAFT - 2/1/2016	ESTIMATED Project Total	Grant/Donation/ Inter Gov/ Endowment/Funding	Prior Year(s) Expense	Budget 2015/16	Estimated 2015/16	Carry Forward	FY 2016/17 New Funding	Budget 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	Total Funding
INO.	Source of Funds Development Levy Funds	Project Total	Endowment/Funding	Expense	2015/16	2015/16	\$2,001,231	\$1,895,000	\$3,896,231	\$1,790,000	\$1,200,000	\$750,000	\$80,000	\$0	Funding
	Development Bond Funds Limited Bonds						19,824,700	0	19,824,700	0	0	0	0	0	
	Interest Income on Bond Funds General & Other Funds						4,201,509	50,000 1,975,000	50,000 6,176,509	0 2,902,170	0 1,450,000	0 1,050,000	0	0	
	IDOT Easement / Tree Fees Preservation Foundation & Donations						.,,	0 384,915	0 384,915	0 155,085	0	0	0	0	
	Grants Ongoing Capital Improvements						200,000	85,000	285,000	0	Ő	Ő	Ő	Ő	
60004 60010	Habitat Restoration Preserve Tree Planting (includes IDOT funding)PLP		910,000	\$8,001,829 1,385,251	762,860 524,192	762,860 445,634	- 51,664	500,000 25,000	500,000 76,664	500,000 74,970	500,000 74,970	500,000 74,970	500,000 74,984	500,000 75,000	\$11,264,689 \$2,207,443
60009	District-wide Reforestation Repair Existing Roads/Parking		310,000	2,983,260	- 1,896,292	- 1,228,303	-	150,000	150,000 600,000	150,000 600,000	150,000 600,000	150,000 600,000	150,000 600,000	150,000	\$750,000 \$7,211,564
60015 60016	Trail Signage and Benches Property Fencing		10,000	173,802	15,000	15,000	-	15,000	15,000	15,000	15,000	15,000	15,000	15,000	\$263,802 \$404,315
60018 60025	Preserve Restrooms\Replacements Dog Area Accessibility Improvements			104,315 542,546	50,000 145,194 100,000	50,000 145,194	100,000	50,000 - 50,000	50,000 - 150,000	50,000	50,000 - -	50,000 - -	50,000	50,000	\$687,740 \$150,000
60025	Facility and Infrastructure Improvements			0	500,000	500,000	-	500,000	500,000	500,000	500,000	500,000	500,000	500,000	\$150,000
64710	Project Buffalo Creek Phase - MWRD Restoration	\$270,377	3,300,000	147,895	22,482	-	-	-	-	122,482	-	-	-	-	\$270,377
64701 65901	Buffalo Creek Mitigation Bank Trail Chain o' Lakes Bike Path - Petite Lake Road connectio	\$300,000 25,000	*	0	300,000 25,000	- 15,000	300,000	-	300,000	-	-	-	-		\$300,000 \$15,000
64104 63302	Cuba Marsh Habitat Restoration DPR Trail - Ryerson North	650,000 1,660,020		180,335 717,948	319,665 942,072	243,196 819,072	76,469	150,000	226,469	-	-	-	-	1	\$650,000 \$1,537,020
62902 60301	DPR Trail - Wilmot Woods Duck Farm Munn Road Access	50,000 100,000		15,400 0	34,600 100,000	-	34,600 100,000	-	34,600 100,000	-	-	-	-		\$50,000 \$100,000
63910	Ethel's Woods - N. Mill Creek Restoration	5,842,438	\$500,000	2,181,355	1,149,388	636,578	47,400	-	47,400	2,513,400	172,400	47,400	47,400	-	\$5,645,933
63901 65101	Ethel's Woods - Public Access & Rte 45 Tunnel Everett Road Trail Connection	4,379,000 1,650,000		0 82,501	250,000 1,567,499	171,034 67,499	78,966 1,500,000	250,000	328,966 1,500,000	1,000,000	-	-	-	-	\$1,500,000 \$1,650,000
60406 60420	Fort Sheridan - USACE GLFER Restoration	2,600,000 TBD	*	0 8,473,481	2,600,000 262,228	1,672,954 9,082	927,046 253,146	- 2,690,000	927,046 2,943,146	-	-	-	-	-	\$2,600,000 \$11,425,709
64810 61811	Fox River Addition General Offices - Build Out/Misc. Infrastructure	4,000,000 TBD		782,432	86,811 1,647,005	86,811 500,000	- 1,147,005	-	- 1,147,005	-	-	-	-		\$869,243 \$1,655,005
64603	General Onlocs - Build Outwise, Infrastructure Gilmer Road Crossing Grant Woods Restoration	969,960	1,485,838	888,459	142,502	142,502	-	-	-	-	-	-	-	-	\$1,030,961
60604 60618	Grant Woods Restoration Grant Woods South Restrooms Grass Lake Road Tunnel	600,000 50,000	600,000	444 704	300,000 50,000	275,865 50,000	24,135	223,700	247,835	76,300	-	-	-	-	600,000 50,000
64703 60701	Grassy Lake Improvements (Hurd property)	200,000 3,025,000	* 179,000	114,791 2,045,931	85,209 979,068	607,395	85,209 371,673	75,000	85,209 446,673	-	-	-	-	-	\$200,000 \$3,099,999
64301	Heron Creek - IL Route 22 Connection Heron Creek Phase II - Trail Addition	TBD 650,000		0	-	-	-	20,000	20,000	-	- 50,000	- 600,000	-		\$20,000 \$650,000
	Independence Grove - Playground Shade Structure	40,000			-	-	-	40,000	40,000	-	-	-	-	-	\$40,000
63610 64910	Lake Carina - DPR Trail Bridge Connection Lake Marie Public Access	1,820,000 105,000	* 200,000	49,324 0	1,770,676	119,676 -	1,651,000	-	1,651,000	- 105,000	-	-	-		\$1,820,000 \$105,000
69101 61020	Lakewood Dog Exercise Area - Use Area Expansion Lakewood Forest Preserve	60,000 TBD		39,425 925,252	20,575 449,594	- 49,594	- 250,000	-	- 250,000	3,969,506	-	-	-		\$39,425 \$5,194,353
61010 61006	Lakewood - Tree Planting & Restoration Lakewood Habitat Restoration - Broberg Marsh	500,000 450,000	500,000	188,477	250,000 173,523	122,643 140,989	75,500 32,534	- 88,000	75,500 120,534	75,500	75,500	75,500	75,357	-	500,000 \$450,000
61005 63010	Lakewood Habitat Restoration - Schreiber Bog Lyons Woods Trail Connection	900,000 1,030,000	* 2,015,000	146,053 89,222	453,947 200,278	347,733 500,278	106,214	143,786 500,000	250,000 500,000	156,214	-	-	-		\$900,000 \$1,089,500
61101	Middlefork Savanna Trail Connection	950,000	* 2,058,196	172,308	825,224	230,000	595,224	-	595,224	-	-	-	-	-	\$997,532
63214 61314	Millennium Trail - Wilson Road Crossing Millennium Trail - Rollins Road Crossing	1,860,234 1,480,223	2,267,674 2,113,526	971,878 1,320,334	888,356 5,396	718,356 250,396	-	-	-	-	-	-	-		\$1,690,234 \$1,570,730
63714 61703	Millennium Trail - Grand Ave Crossing Millennium Trail - Rte 45 Tunnel (Ethel's Woods)	1,367,126	2,258,727	1,152,256 0	50,362	223,362	-	-	-	-	-	-		-	\$1,375,618 \$0
65203 61303	Millennium Trail - Rte 173 Millennium Trail - Rte 173 Millennium Trail - Rte 83 & Rollins Road	30,000 70,000		0 35,054	30,000 5,000	-	30,000 5,000	-	30,000 5,000	-	-	-	-	-	\$30,000 \$40,054
61603	Millennium Trail - Van Patten Woods Connection Millennium Trail - McDonalds Woods to RTE 45	1,310,000 TBD		35,241	974,758	60,000	914,758	300,000 35,000	1,214,758 35,000	150,000		-		-	\$1,309,999 185,000
63801 61911	Nippersink Trail Connection Operation Facility-Solar Panels	1,022,170		518,114	1,898,050	-	1,898,050	-	- 1,898,050	400,000	-	-	-	-	\$918,114 \$1,898,050
64201	Pines Dunes - SMD Pine Dunes - Wildlife Conservation Facility	75,000 50,000	9,200,000	2,316	72,684	31,009	-	-	-	-	50.000	-	-	-	\$1,898,050 \$33,325 \$50,000
62001	Ray Lake - Cuneo Phase 1 Restoration Ray Lake - Fort Hill Trail Extension	50,000 TBD 650,000		_	-	-	-	85,000	85,000	-	- 650,000	-	-	-	\$85,000 \$85,000 \$650,000
02001	Rollins Savanna - Boardwalk	350,000		0	-	-	-	- 50,000 75,000	50,000	300,000	-	-	-	-	\$350,000
	Rollins Savanna - Trail Connection Ryerson Barn - Education Classroom	400,000 175,000		0	-	-	-	75,000	75,000	275,000	-	175,000	-	-	\$350,000 \$175,000
61504 64811	Singing Hills/Kettle Grove Restoration Spring Bluff Wildlife Observation Area	500,000 600,000		0	260,000 75,000	201,215	58,785	161,215	220,000	78,785	-	-	-	-	\$500,000 \$440,000
65004	Southern DPR Preserve Habitat Restoration	3,000,000		1,538,162	712,001	923,068	_	280,000	280,000	258,770	-	-	-	-	\$3,000,000
	Upper DPR - USACE Phase II Ecosystem Restoration Van Patten Woods - Equestrian & Public Parking	TBD		0	-	-	-	-		-	-	-	-	-	\$0 \$0
64610	Waukegan Savanna - Phase I	2,150,000	*	36,564	1,113,436	192,061	921,375	1,000,000	1,921,375	-	-	-	-	-	\$2,150,000
62410	Wright Woods/MacArthur Woods Dam Removal	800,000 \$50,664,598	* \$27,597,961	141,950 \$36,191,463	608,049 25,693,976	- 12,554,359	608,049 12,243,802	81,951 8,138,652	<u>690,000</u> 20,382,454	- \$11,810,927	- \$2,887,870	- \$2,787,870	- \$2,012,741	- \$1,890,000	\$831,950 \$88,627,684
			- Operating Cost Re	duction Projects							L. L				
			- Timing Changes				AVAILABLE FUND	S:	\$10,234,901	\$3,271,229	\$3,033,359	\$2,045,489	\$112,748	(\$1,777,252)	
			 New projects or do * - Pending Grant, Do 				Total of supporting s	heets	10,234,901	3,271,229	3,033,359	2,045,489	112,748	(\$1,777,252)	
			- renuing Grani, Do	Induoti OF IGA			rotar or supporting s	00013	10,234,301	3,211,229	3,033,338	2,040,403	112,740	(\$1,111,232)	

POTENTIAL UNFUNDED CAPITAL IMPROVEMENT PROJECTS January 28, 2016

The following is a list of potential unfunded projects to consider for possible future inclusion into the 5-year Capital Improvement Plan.

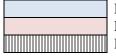
This list was developed during the FY 2015/2016 budget discussions and proposed changes are a result of discussions in Committee and with staff, and requests from the community over the past year.

ADDITIONAL PUBLIC ACCESS PROJECTS TO CONSIDER:

DESCRIPTION	ESTIMATED PROJECT COSTS	ESTIMATED ANNUAL OPERATING COSTS		
Chain O' Lakes Bike Path	\$ 1,650,000	\$ 13,500		
Dutch Gap Area Master Plan	TBD	TBD		
Fort Sheridan-Phase II Master Plan Improvements	860,000	1,500		
Fox River Addition (north of Roberts Road)	1,200,000	50,000		
Grand Illinois Trail-Singing Hills to McHenry County	TBD	TBD		
Middlefork Trail and Greenway	TBD	TBD		
Mill Creek Master Plan	TBD	TBD		
Millennium Trail-McDonald Woods to Raven Glen	TBD	TBD		
Millennium Trail-Ethel's Woods to Pine Dunes	3,700,000	45,000		
Millennium Trail-Round Lake Section	TBD	TBD		
Ryerson Bridge Connection-Linking Ryerson to DPR Trail	1,500,000	1,500		
Sedge Meadow Rebuild Canoe Launch	300,000	Minimal Impacts		
Tanager Kames – Parking Lot	25,000	10,000		
Waukegan Savanna Master Plan – Phase II	2,700,000-7,700,000	120,000		
ΤΟΤΑΙ	\$ 11,635,000-16,635,000	\$ 241,500		

ADDITIONAL HABITAT RESTORATION PROJECTS TO CONSIDER:

DESCRIPTION	ESTIM PROJECT C		ESTIMATED ANNUAL OPERATING COSTS		
Ethel's Woods – Full Dam Removal (if combined w/ Phase II Rest.)	\$ 60	5,000	\$ Minimal Impacts		
Gander Mountain – Habitat Restoration	85	0,000	18,00		
Lakewood SW - Wauconda Bog Area Habitat Restoration	20	0,000	8,00		
Lakewood NW – Broberg Marsh Phase II Restoration	20	0,000	9,50		
Lakewood SW – Schreiber Bog Phase II Restoration	50	0,000	8,00		
Ray Lake (requires acquisition)		TBD	TBI		
Sun Lake – Phase II Habitat Restoration	2,80	0,000	12,00		
Upper DPR – USACE Phase II Ecosystem Restoration	3,00	0,000	106,00		
Van Patten Woods – Prairie, Woodland and Wetland Restoration	65	0,000	9,00		
Wadsworth Savanna – Habitat Restoration	85	0,000	25,00		
TOTAL	\$ 6.85	5,000	\$ 183,50		



Recommended additions to the Unfunded Project List Recommended deletions from the Unfunded Project List Partner/Sponsor needed