



OPERATIONS & INFRASTRUCTURE

April 1, 2016 to May 31, 2016

Grounds Maintenance

- Serviced and distributed seasonal equipment such as mowers and began seasonal mowing at all preserves.
- Conducted trail checks and trail repair where needed at all preserves.
- Cleaned plant and tree beds and mulched and wood chipped in all areas.
- Continued to move boats from storage at the Fox River Marina.
- Moved rental boats from storage and delivered them to Independence Grove Marina.
- Started seasonal maintenance days at all Dog Exercise Areas.
- Cleared drainage ditch at Prairie Wolf behind Del Mar Woods subdivision.
- Installed accessible beach mats at Hastings Lake for the canoe launch.
- Continued roadside cleanup at all preserves.
- Removed illegally dumped material at Waukegan Savanna.
- Prepared Fort Sheridan Cemetery for inspection by the U.S. Army.
- Power washed shelters and comfort stations.
- Removed snow mobile bridge across the Des Plaines River at Van Patten Woods
- Monitored all trail underpasses for flooding and cleaned debris from the Route 60 and the Route 176 underpasses on the Des Plaines River Trail.
- Cleaned graffiti from Grant Woods underpass and a dump site at Lyons Woods.
- Prepared the Independence Grove beach for opening day.
- Repaired split rail fence at Independence Grove and temporary chain link fence at Fort Sheridan.
- Performed turf repair at Independence Grove and Wright Woods.
- Inspected and repaired cable gates throughout the District.
- Provided event support at Ryerson for the Lake County History Symposium, the Native Plant Sale at Independence Grove and the canoe marathon along the Des Plaines River.
- Repaired paver bricks at the Discovery Museum.
- All staff participated in the District's Core Value Training activities centered on the topic of Collaboration.
- Greg Townsend, Superintendent of Maintenance, attended the Army National Military Cemetery Responsible Official Training in Washington, D.C.

Natural Resources

- Performed controlled burns at Berkley Prairie, Ryerson, Ethel's Woods, Gander Mountain, Grassy Lake, Heron Creek, Lakewood, McDonald Woods, Middlefork Savanna, Old School, Oriole Grove, Raven Glen, Rollins Savanna, Sedge Meadow, Sun Lake, ThunderHawk Golf Course, Wright Woods, and brush pile burning at Fourth Lake, Grant Woods and Van Patten Woods.
- Followed up on ash tree removal along the Des Plaines River Trail including inspection, trail check and trail repair.
- Inventoried trees at ThunderHawk Golf Course.
- Conducted hand clearing and native seed dispersion at Grant Woods.
- Continued woodland restoration at Grant Woods, Dutch Gap, Fourth Lake, Independence Grove, and Van Patten.
- Hauled logs from Independence Grove and Lakewood for chipping.

(Natural Resources cont.)

- Removed ash trees at Hastings Lake, Lake Carina, Oak Spring Canoe Launch, Rollins Savanna, Spring Bluff and Wright Woods as well as along the Des Plaines River Trail.
- Conducted seasonal prep work at the Wadsworth Canoe Launch including hauling wood chips to the site.
- Removed hazardous trees to neighbors at Waukegan Savanna and along the Fort Hill Trail at Lakewood.
- Began seasonal herbicide application for invasive species at Dutch Gap, Ethel's Woods, Fourth Lake, Grant Woods, Independence Grove, Lakewood, Marl Flat, Middlefork Savanna, Sedge Meadow and Van Patten Woods.
- Began spring tree planting activities at various sites.
- Cleared log jams and removed tree hazards along the Des Plaines River in advance of the annual canoe marathon.
- All staff participated in the District's Core Value Training activities centered on the topic of Collaboration.

Infrastructure

- Installed and replaced signs at Countryside Golf Course, Fort Sheridan, Fox River, Independence Grove and Ray Lake as well as along the Millennium Trail.
- Repaired fencing at Grassy Lake, Fort Sheridan, Independence Grove, Lakewood and McDonald Woods.
- Installed benches at Fort Sheridan, Lakewood, Rollins Savanna and Wright Woods and reset benches at Independence Grove and Raven Glen.
- Delivered and installed rock boulders at the entrance to the Adlai E. Stevenson House.
- Installed safety grates on water level control structures at Pine Dunes.
- Cleaned major debris jams from culverts at Lakewood.
- Relocated entrance gate at the Van Patten Woods Special Use Area.
- Repaired and graded gravel roads at Stevenson House, Lakewood Shelter E and Van Patten Woods Special Use Area.
- Repaired drain tiles and finished restoring the Dutch Gap - Crawford Road demolition site.
- Moved the fence and hauled wood chips to the Community Garden site in support of volunteer Eagle Scout project.
- Hauled soil to demolition sites for grading and restoration at Dutch Gap, Half Day, Ray Lake, Van Patten Woods and Wright Woods.
- Constructed concrete pad at Green Youth Farm at Greenbelt using materials paid for by the Preservation Foundation.
- Repaired a water main leak at Lakewood.
- Hauled sand and graded the beach at the Independence Grove Marina.
- All staff participated in the District's Core Value Training activities centered on the topic of Collaboration.

Youth Conservation Corps

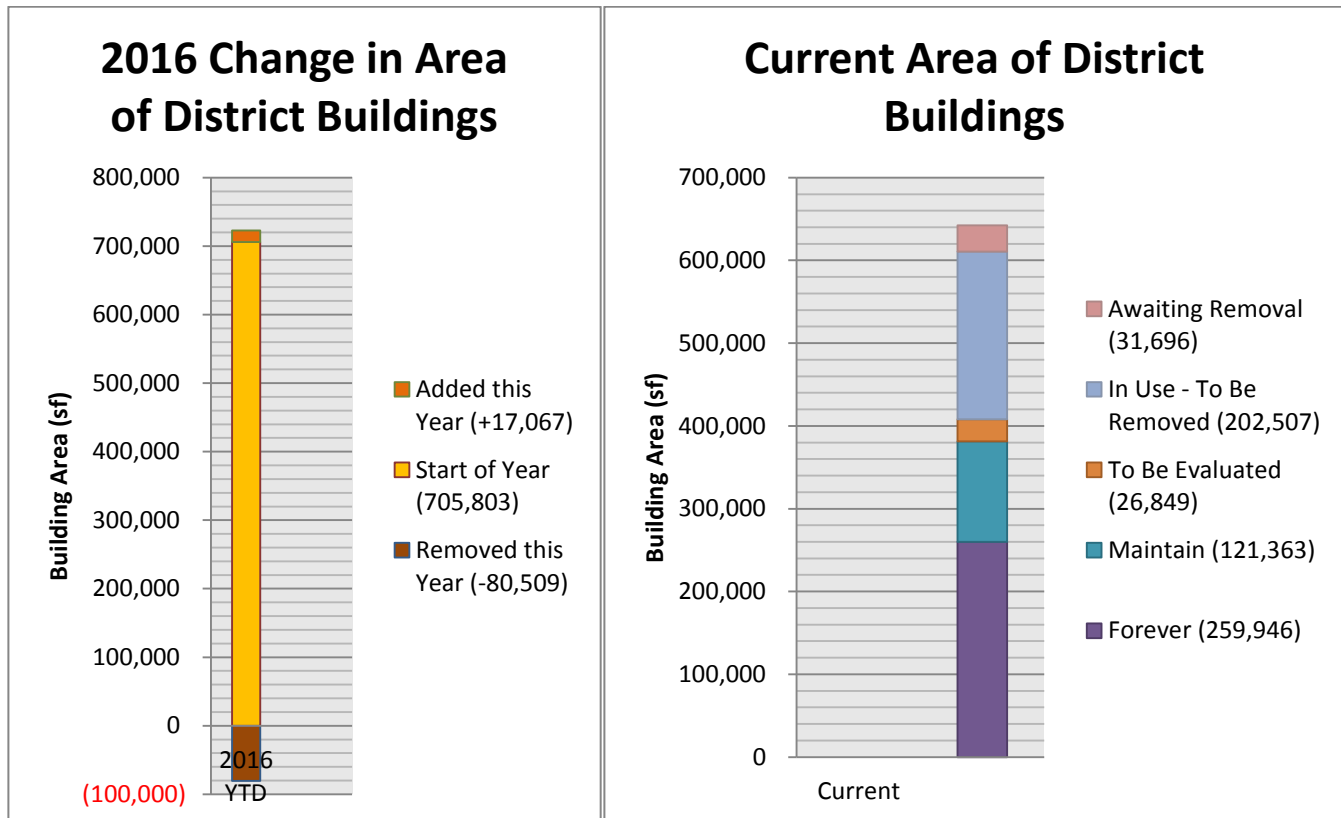
- The YCC lottery was held on April 30th with 266 applicants – 134 girls and 132 boys – having signed up to apply for the open crew member positions.
- The eight (8) returning and twenty-eight (28) Crewmembers for the upcoming summer represent thirteen (13) different communities from Lake County: Antioch, Fox Lake, Gurnee, Ingleside, Lakemoor, Lake Villa, Lake Zurich, Libertyville, Lindenhurst, Round Lake, Vernon Hills, Waukegan, and Winthrop Harbor.
- Crew Leaders and Assistant Crew Leaders start June 6th. Crew members start June 13th.

End of FY2015-16 Building Update

During Winter 2015-16 the Heavy Equipment crew removed fifteen (15) buildings at ten (10) different sites at seven (7) different preserves as noted in the table below:

Preserve	Building	Area (sf)
Captain Daniel Wright Woods	Stevenson Metal Storage Building	1,764
Captain Daniel Wright Woods	Lloyd Caretaker House & Storage	2,724
Captain Daniel Wright Woods	Lloyd Caretaker Garage	1,506
Dutch Gap	Nasr Main Equestrian Barn	69,677
Dutch Gap	Nasr Quonset Hut	6,602
Greenbelt	Lewis Ave House	1,160
Greenbelt	Lewis Ave Garage	530
Half Day	Ranger Station	409
Lakewood	Ranger Station	2,666
Ray Lake	Wagner House	2,310
Ray Lake	Wagner Storage Building 1	1,740
Ray Lake	Wagner Storage Building 2	163
Ray Lake	Wagner Storage Building 3	1,192
Ray Lake	Diebold House	3,456
Van Patten Woods	Ranger Station	354
TOTAL	15 Buildings	96,253

As of the end of FY2015-16, the District will have 159 buildings totaling 642,361sf (based on roof area).



GREEN FLEET ANNUAL REPORT

The Green Fleet Policy, which was adopted by the Board in 2007, requires that an annual report be presented. The purpose of this report is to provide the Committee with an updated fleet inventory, and details on vehicle procurement and fleet management practices.

Fleet Vehicle Inventory:

The District currently maintains a fleet of 95 licensed vehicles. The vehicles are classified as follows:

Passenger Vehicles (PV):	33 (9 of which are gasoline/electric hybrid vehicles)
Light Duty Trucks (LDT):	10
Medium Duty Trucks (MDT):	42
Heavy Duty Trucks (HDT):	10

Of the vehicles, 81 use gasoline, and the other 14 are fueled with Ultra Low Sulfur Diesel.

By department, the vehicles are assigned to:

		<u>PV</u>	<u>LDT</u>	<u>MDT</u>	<u>HDT</u>
Operations & Infrastructure	40:	2	3	26	9
Facilities	18:	4	1	12	1
Public Safety	17:	17	0	0	0
Natural Resources	6:	1	2	3	0
Planning & Land Preservation	6:	1	4	1	0
Education	5:	5	0	0	0
General District	2:	2	0	0	0
Public Affairs & Development	1:	1	0	0	0
Finance	0:	0	0	0	0
Administration	0:	0	0	0	0
		<hr/>			
	95	33	10	42	11

FY 2015 – 2016 Vehicle Replacements

This fiscal year, 18 vehicles were due to be replaced, based on the District’s adopted vehicle replacement guidelines. Staff reviewed each unit scheduled for replacement and 11 of the 18 were identified as being in good condition and will not be replaced this year. They will be reevaluated and considered for replacement as part of a future vehicle replacement fund budget year. The vehicles that were retained and not replaced are:

- (3) 2006 Toyota Prius Hybrids
- (1) 2007 Toyota Prius Hybrid
- (1) 2007 Chevrolet Impala
- (1) 2007 Chevrolet Uplander
- (1) 2007 Chevrolet Box Van
- (3) 2008 Toyota Prius Hybrids
- (1) 2008 Chevrolet Colorado Pick-up

Seven (7) vehicles were intended for replacement in FY2015-16 based on the approved budget for the Vehicle Replacement Fund. Four (4) of these vehicles due were replaced this year.

- (1) 2002 IHC Model 7400 Medium-Duty Dump Truck (Operations & Infrastructure)
- (1) 2007 Chevrolet Silverado K3500 Heavy Duty Pick-up Truck with Plow and Tool Box (Operations & Infrastructure)
- (2) 2011 Chevrolet Impalas (Public Safety)

One (1) of the vehicles intended to be replaced this fiscal year is instead being eliminated from the fleet following further analysis of the usage of passenger vehicles.

- (1) 2005 Honda Civic Hybrid (Operations & Infrastructure)

Two (2) of the vehicles intended to be replaced this fiscal year are instead being held over for one more year. These two vehicles are specialty trucks that support the Forestry and Natural Resources operations. Further analysis of replacement options revealed that investing additional funds to outfit the trucks with hoist systems to load/unload material boxes and outfit one of the trucks also with a grapple lift to handle logs will result in improvements in operational efficiency and safety over the long-term. Therefore, the vehicles are being held over until the coming FY2016-17 when additional funds have been budgeted to allow for the greater investment in replacing these two vehicles.

- (2) 2004 IHC Model 7400 Medium-Duty Dump Trucks (Operations & Infrastructure)

Fleet Management

A number of actions have been implemented to help manage the fleet more efficiently. Since FY 2008/09, the District has reduced the number of vehicles by eleven, resulting in an annual savings of approximately \$50,000. In addition, the District continues to:

- Rotate like vehicles between departments to even out the usage over the lifespan of the unit.
- Utilize vehicle pool for passenger vehicles based at the General Offices building.
- Evaluate the decreased passenger vehicle usage from consolidating to the General Offices and assess whether mileage reimbursement will be more cost effective than purchasing replacement vehicles
- Staff has analyzed electric vehicles as potential replacements for hybrid sedans when they become due for replacement.