NORTHFIELD
ROAD DISTRICT
TOWNSHIP

ANNUAL REPORT

4/1/2024 – 3/31/25

From the Highway Commissioner

Tim Rueckert

NEWS LETTER

I hope this letter finds you and your family well.

New for 2025! Recycle Your Plastic Grocery Bags. The Road District is proud to announce a new plastic bag recycling program starting March 31. Currently, plastic bags are not accepted in the Township's recycling carts or dumpsters. Plastics can take hundreds of years to decompose and recycling reduces waste in landfills and keeps plastics out of the oceans, keeping drinking water safe, and reduces harmful microplastics from going into the environment.

A Busy 2024/2025 Season!

-Repaved Greenleaf Road in Northbrook.

-Replaced our pick-up and dump trucks that were over 20 years old

-Worked on multiple flood mitigation projects with MWRD, Cook County, and IDOT:

*Central Road in Glenview, breaking ground Spring 2026

*Northbrook West in Northbrook, beginning Summer 2025

*Sanders Road sidewalk in Northbrook, scheduled in Spring 2025

No mow until May 5th. To help support the local ecology, the habitats of pollinators, and area wildlife, skip mowing your lawn until May 5th

The Road District's Unique Tax Role. Unlike the State of Illinois, Cook County, or municipalities, the Road District relies solely on capped real estate taxes as its only source of funds. For example, a typical homeowner with a home valued at $400,000 pays the Road District approximately $100 per year, whether they live in an incorporated or unincorporated area. Half of the incorporated homeowner's $100 ($50) goes back to the villages for *its* road projects. Then, the remaining

monies are applied toward the Road District's programs representing 91,565 residents for projects like:

*Maintaining/resurfacing unincorporated roads

*Replacing deficient storm sewers and maintaining storm sewer system

*Maintaining emergency storm services, public streets, sidewalks, street lighting, and signs.

*Operating a cutting-edge recycling center that provides free document shredding, and recycling for electronics, paint, oil, tires, fluorescent light bulbs, chemical recycling, and **NOW plastic bags**.

*Managing a reforestation program that shares the cost of planting new parkway trees, trimming trees, and bushes on the right-of-way in the unincorporated areas.

Strong Teamwork, 24/7 I feel fortunate not only to be your Highway Commissioner but also blessed to have an amazing team. Our staff continues to adapt to our ever-changing environment, succeed with effective planning, offer Homeowner's Association meetings, and provide funding for resident programs such as a recycling center, flooding services, road repairs, plowing, tree trimming, and on-going street maintenance.

We welcome your feedback and invite everyone to reach out at any time at ntroad@northfieldtownship.com, visit our website at road.northfieldtownship.com for up-to-date information, and follow us on @NorthfieldRoads on Facebook and @NorthfieldRoads on X to learn how we're constantly working to improve our community!

Together in Service,

Tim Rueckert

Highway Commissioner

ADMINISTRATION & MISCELLANEOUS

Standard Operating Procedures

Standard operating procedures (SOPs) are prepared and revised to ensure uniform handling of recurring Township Road District activities and guidelines.

Personnel Policy	Drug & Alcohol Policy	Safety Work Rules
Confined Space Entry	Employee Training & Development	On-The-Job Injuries
Job Description - Foreman	Job Description - Mechanic	Job Description - Crew
Snow & Ice Removal	Mailbox Replacement	Flood Control
Storm Sewer Culvert/Ditch	Fleet Preventative Maintenance	Excavation
U.S. Flag Etiquette	Storm Water Management	
Cook County Duty Desk	Emergency Email System	

Special Projects

Special projects were undertaken to analyze, research, assist and report on Township Road District programs and services and when appropriate, to recommend various alternatives. Special projects during 2024 included: Sanders sidewalk with Cook County, Northbrook (NBK West Subdivision) and Glenview/ IDOT (Central Road) MWRD phase 2 stormwater relief projects.

Drug & Alcohol Testing - Continued administering the "Omnibus Transportation Employee Testing Act" which requires random drug and alcohol testing for employees who perform safety sensitive functions and are required to possess a commercial driver's license. During 2024, two (2) random drug screen tests were administered.

Performance Indicators - Updated the performance service indicator benchmarking the status of the Township Road District's Street resurfacing and rehabilitation program. The street inventory is attached.

Storm Sewers - The Township Engineer is continually updating the storm system maps for unincorporated streets in the Township.

Recycling Events – We have completed 16 years of our recycling program. In 2024, the recycling program started on April 8th and ended on November 1st. We continue our Monday through Friday, 7AM to 3PM drop-off program at the Road District Garage.

Community Events - We continued to assist the Township Food Pantry in 2024.

Block Parties - Coordinated Police, Fire and Road District services for citizens who are planning block parties. 2 block parties where held which services were rendered.

Administrative Activities

The Highway Commissioner provides administrative oversight to the entire Township Road District to ensure an essential and desirable level of public service is provided and to effectively manage the infrastructure and related Township Road District programs. Routine administrative activities include, but are not limited to:

* Providing general "overhead" for the day-to-day administration including purchasing, photocopying, answering phones, radio dispatching, responding to a variety of inquiries, correspondence and regulations, records and archive maintenance and filing.

* Maintaining a daily journal of staff productivity and accomplishments.

* Verification and allocation of labor and equipment usage to provide justification of services being charged to the Northfield Township Sanitary Sewer System.

* Maintaining maps, atlases, records, and maintenance history of Township Road District infrastructure.

* Preparation of the Township Road District's annual budget, long range plans, emergency management services, recycling, and annual report.

EMPLOYEE TRAINING & DEVELOPMENT

Northfield Road District is a member of NIPSTA, Northeastern Illinois Public Training Academy. This academy specializes in training first responders and public works employees.

TOIRMA: trip and fall safety 3-point contact, chainsaw safety, hard hat, hearing protection, eye, feet/hand protection and high visibility safety clothing (class 2 and class 3) requirements for public work employees.

The following list illustrates the variety and extent of investment in training of employees during the calendar year (please note some meetings and training was conducted via a virtual meeting platform):

1. We continue to be active in the Lower Des Plaines River Watershed Planning Council, which deals with stormwater run-off and reports projects for improvements to the

Metropolitan Water Reclamation District (MWRD). Sixty-six percent (66%) of our stormwater system is directed to the Des Plaines River. (Wally Kehr and Dan Creaney).

2. Cook County Building and Zoning
3. We continue to be active in the North Branch of the Chicago River Watershed Planning Council. (Daniel Creaney, Engineer).

STREETS

The street inventory contains approximately twenty-three (23) centerline miles. Annually the Township Road District undertakes a windshield survey of each street's degree of cracking and/or deterioration, and the Long-Range Resurfacing Plan is adjusted. Consequently, the roads with the worst pavement conditions are scheduled for resurfacing. It is very important to repave a street before it completely deteriorates since it is more cost effective to resurface streets (rating 2.0) on a timely basis to prevent a more expensive failure (rating 1). Under our approach, the street system is better maintained at less expense than if gross deterioration is allowed to occur.

The performance benchmarks established for street maintenance are to eliminate all grossly deficient streets with a "1" rating; rehabilitate as many "2.0's" as possible with the funding available; and to maintain a minimum of 70% of the streets with a rating of "3" or better. Attached is the windshield survey. Streets with lower ratings have been heavily maintained and repaired.

STREET MAINTENANCE

Repairs, maintenance, resurfacing and rehabilitation of the Township Road District Street System infrastructure requires an ongoing management program to identify and prevent premature failure of the pavement base and surface and to correct problems on a timely basis as they occur. Last year's maintenance and repair activities included: asphalt patching, base repair to a roadway's bed, pothole repairs, sweeping and grading shoulders. The Road District also works in conjunction with and oversees the contractors hired to repave our streets. The heavy freeze and thaw cycles we experience continue to be a road's worst enemy. Garbage trucks with their weight and frequent stopping does not help either. Therefore, we repair the edges of the roads that have deteriorated first before resurfacing the street. A strong base and edge of pavement will make a complete resurfacing project last longer.

ASPHALT STREET IMPROVEMENTS

Asphalt streets identified for major repairs were selected from the "long range resurfacing plan. The Highway Commissioner prepares the necessary plans and specifications and then solicits competitive bids.

Proposed 2025 Resurfacing Plan

The Last Year Paved	Name of Street	Length of Street	Width of Street	Total Length
2011	Glenshire Road	2,564 feet	22	2,564 feet
2011	Glendale Road	2,564 feet	22	2,564 feet
2011	Glenwood Lane	2,573 feet	22	2,573 feet
Total footage for 2025				7,701 feet
2003	*Countryside Lane	2,400 ft.	22	

*Joint venture between Village of Glenview and Northfield Township Road District 2026.

PARKWAY SERVICES

Parkway services encompass a wide range of activities including, but not limited to: tree trimming and removals, reforestation, landscaping and weed cutting services, free brush pick-up and storm sewer maintenance and repairs. A comprehensive data collection program continues to catalog and inventory all storm sewer lines and trees in the right-of-way. We are currently updating all storm maps for our area.

The performance benchmarks established for parkway services are to implement a turf mowing policy to ensure grass and weeds do not exceed 8" on Township Road District maintained rights-of-ways. Trim all bushes/trees that obscure vision to vehicular traffic at all intersections, even if the parkway does not belong to the Road District. We annually plant at least two (2) trees. We also remove storm damaged trees and limbs from the parkways immediately after severe weather events.

BRUSH PICK-UP

Free brush pick-up service is provided to residents of unincorporated Northfield Township in the months of May, June, and September.

TREE MAINTENANCE

Tree trimming is performed to maintain shape, remove dead or diseased limbs and to remove potential hazards to pedestrians, cyclists and vehicular traffic. The extreme weather changes are affecting all trees. A total of twelve (12) trees were removed due to disease and age.

Dutch Elm Disease, Emerald Ash Borer, Gypsy Moth and Zimmerman Pine Moth persist to infect our trees. The Road District is in compliance with the Illinois Department of Agriculture procedures on the removal of infected trees.

STUMP REMOVAL

It is the policy of the Township Road District to grind tree stumps when a tree is removed, wherever possible. Eight (8) tree stumps were ground.

REFORESTATION PROGRAM

In the 2024 Township Road District Newsletter a cost sharing reforestation program continued to be advertised, offering cost subsidized trees for planting on public parkways fronting unincorporated residences and/or businesses. The trees offered cost the residents three hundred (300) dollars. 10 (3 ½ inch diameter) trees were planted.

CLEANING PARKWAYS OF DEBRIS

Cleaning up road debris, such as automotive parts litter (glass, mufflers, exhaust pipes, belts, tires, tire pieces and accident parts), landscapers' debris and dead animals requires an on-going commitment.

STORM DAMAGE PICKUP/ASSISTANCE

The Township Road District assists its residents in the removal of limbs and trees that were damaged from severe wind and wet snowstorms. The residents are required to stack the branches and logs at the curb for Township Road District pickup. In 2024 there was at least one (1) flooding and seven (7) wind weather events that required Township Road District assistance. Our extreme weather cycle continues.

SNOW AND ICE CONTROL

Snow and ice removal from the Township streets is one of the most visible and vital functions performed by the Township Road District, and subject to the most variables. The Township Road District strives to be expeditious and efficient in the removal of snow and ice. Using standardized salting and plowing procedures ensures that people move as safely as possible during these inevitable hazardous weather conditions.

The performance benchmark for snow and ice removal is predicated on a snowstorm's intensity and projected duration, time of day, road conditions and traffic volumes. Due to variable conditions each storm presents, the time necessary to complete initial operations is difficult to forecast. In order to measure productivity for a particular storm, each inch of snowfall is equivalent to one hour of work. Thus, for a 4" snowstorm, initial plowing and de-icing operations should be completed within four hours after the snowfall has ended.

Annual Snow Plowing Report
November 1, 2024, thru April 1, 2025

The 2024/25 snow season started this year with icing & snow conditions starting on November 18, 2024. December, January and February were warmer than usual. We had more rainstorms than snowstorms. The warmer temperatures created more freezing and ice conditions as the temperatures hovered around 32 degrees. This season we saw many temperature swings with rainstorms turning into ice/snowstorms then transitioning back to rain. A measured amount of rain fell back onto frozen streets which in turn created conditions for black ice. We also had fog forming and condensed and began refreezing the roads on contact. At the time of this report, the snow season ended March 20, 2024. The season total for snowfall was ½ of our normal average of 38.5 inches of snow at 22.2 inches of snow.

We have 5 designated plow/salting routes. Salt usage is determined by the conditions of each event, current road conditions and the weather forecast. Temperatures are crucial for salt effectiveness and determine if a salt additive needs to be applied. Salt trucks are dispatched on an <u>as-needed basis.</u> Plows are dispatched after a 2-inch snowfall. Salt trucks are dispatched whenever there are freezing conditions. Most events are done before/after regular business hours, requiring over-time pay. This is due to safety, timing of the event, traffic conditions and overnight parking restrictions.

This winter season, as of March 24, 2025, we have salted the streets a total of ten (10) times and plowed the roads four (4) times due to conditions.

This winter season we ordered 472.55 tons of salt with the delivery price of $78.21 a ton. The total delivery price of salt was $36,958,12.

SNOW AND ICE CONTROL RESTORATIONS

Invariably, minor property damage occurs during snow removal operations. Restoration of residents' mailboxes is limited to repair or replacement of a standard "rural" type box and a 4" x 4" wood post as stated in the Township Road District Standard Operating Procedure for Mailbox Replacement. Upon notification of lawn damage, a service call is made to immediately "roll back" the sod, if possible. After the initial response, a follow-up visit occurs when black dirt is available. This ensures any further areas needing restoration are completed. Two (2) mailboxes and posts had to be replaced due to plow damage. Rotted wood posts are typically the main reason for mailbox failures. The combination of wet heavy snow or icy slush is no match for an aging mailbox and post. We only replace mailboxes/posts that are directly hit by a snowplow.

SALT USAGE

The Township Road District participated in the Cook County Highway Department contract for the purchase of bulk salt for the 2024/25 winter season. Morton Salt Co. was awarded the County contract. The delivered bid price of $ 75.61 per ton was guaranteed by the Morton Salt Co. Our vigorous salt ordering keeps the salt bin full. This allows us to always keep our streets safe and clear.

HISTORICAL SALT PURCHASES

Winter Season	Salt Supplier	Price per Ton	Tons Delivered	Purchase Amount
2024/25	Morton Salt	78.21	472.55	36,958.12
2023/24	Morton Salt	75.61	540.49	40,865.98
2022/23	Morton Salt	75.61	599.74	34,009.38
2021/22	Morton Salt	66.44	514.33	33,143.43
2020/21	Morton Salt	66.44	907.25	58,584.81
2019/20	Morton Salt	64.44	471.72	30,396.67
2018/19	Morton Salt	55.39	969.61	53,705.62
2017/18	Morton Salt	55.39	848.97	44,657.40
2016/17	Morton Salt	55.39	456.23	25,270.60
2015/16	Morton Salt	77.51	808.50	62,666.83
2014/15	Morton Salt	73.19	1,017.89	74,449.37
2013/14	Morton Salt	66.20	1,647.71	109,087.40
2012/13	Morton Salt	66.20	831.87	55,069.79
2011/12	Morton Salt	66.20	475.70	31,491.33
2010/11	Morton Salt	63.35	1,064.79	67,454.43
2009/10	Morton Salt	122.90	999.66	122,858.22
2008/09	Kirschhoffer Truck Service	160.00	50.69	8,110.40
2007/08	Morton Salt	45.20	1,371.99	5,412.91
2006/07	Morton Salt	45.20	785.66	35,511.82
2005/06	North American Salt	33.06	611.07	20,202.42
2004/05	North American Salt	30.06	793.21	23,843.89
2003/04	Morton International	29.33	881.57	25,856.45
2002/03	North American Salt	30.95	809.61	25,074.17
2001/02	IMC Salt Co.	30.95	788.72	24,379.93
2000/01	IMC Salt Co.	26.91	1,169.27	31,465.05
1999/00	IMC Salt Co.	26.38	639.58	16,872.12
1998/99	Detroit Salt Company L.C.	28.67	687.87	19,721.23
1997/98	Cargill Salt	28.83	827.59	23,859.41
1996/97	North American Salt Co.	28.10	859.01	24,138.18
1995/96	North American Salt Co.	28.12	849.66	23,892.43
1994/95	North American Salt Co.	26.92	683.65	18,403.86
1993/94	North American Salt Co.	25.22	960.40	24,221.16
1992/93	North American Salt Co.	23.22	895.03	20,782.60

STORM SEWERS

The storm sewer infrastructure contains approximately 16 miles of storm sewers, 28 miles of ditch line; 467+ inlets, catch basins and manhole structures to store and convey storm water runoff to minimize localized flooding. The Township Road District performs a reactive maintenance program which includes cleaning manholes, storm grates, dye testing storm sewer lines, pipe, and culvert replacement, grouting and responding to storm drainage problems reported by citizens to ensure the storm sewer system is functioning as designed and constructed.

Drainage cannot be overemphasized. Water affects the entire serviceability of a road. Water allowed to remain on top of a blacktopped road weakens the surface and combined with traffic, causes potholes and cracking. If improperly channeled, water causes soil erosion and a breakdown of pavement edges.

During periods of heavy and/or prolonged rainfall, crews are assigned to clean debris from storm sewer inlets. In addition, crews are immediately dispatched to respond to calls by residents whose basements are flooding due to plumbing backups, sump pump failures, overland flooding, or seepage. In 2024/25, there were at least four (4) moderate/severe rainfall events.

The performance benchmarks established for storm sewer maintenance are to respond to storm water complaints within 2 hours of notification, repair minor deficiencies and/or temporarily restore flow of known service failures in the storm sewer infrastructure within one work week from receipt of notification, annually replace or rehabilitate deficient storm sewers and annually grade, reshape and clean drainage ditches.

STORM SEWER MAINTENANCE

Periodic maintenance of storm sewers and their structures is required to maximize the life expectancy of the system. This ensures the overall structural integrity of the infrastructure. We routinely inspect ditches, culverts, parkway drains, catch basins, and storm manholes. We also routinely clean the storm lines by rooting, cutting and flushing the system. This process removes dirt, roots, and other debris from our storm system. Washouts are created by water being able to enter a storm system thru the joints of connecting pipe, broken pipe, or a manhole connection. This creates a small hole in a yard or a street. These washouts are dug up, and problems located and repaired. Unchecked, the washouts could lead to a blockage or collapse in a storm system.

TELEVISING

Televising is primarily used to verify suspected structural integrity of storm lines.

FLUSHING/CUTTING STORM SEWERS

In the 2024/25 season, approximately 7,400 feet of storm sewers were cleaned by the Township Road District staff as a preventative measure to clean and to open blockages in the system.

WASHOUTS

In the 2024/25 season, five (5) washouts were dug up and repaired. This included restoration to a yard or street.

STORM SEWER MAIN LINE REHABILITATION

In the 2024/25 season, four (4) culverts with their respective driveway aprons were replaced. Three hundred (350) feet of 10-inch storm line was replaced. This included restoration for each project.

STORM LINE MANHOLE/CATCHBASIN REPAIR / INSTALLATION

In the 2024/25 season, four (4) curb drains were repaired, eight (8) storm manholes installed.

DRAINAGE DITCH MAINTENANCE

A monthly drainage ditch inspection program was continued to ensure unobstructed flow of storm water. Routine and emergency maintenance activities included: cleaning debris; isolated weed cutting; and regrading/reshaping drainage ditches. Approximately twenty (200) feet of ditch-line was regraded.

TRAFFIC CONTROLS

The Township Road District traffic infrastructure consists of a myriad of traffic control signs and pavement markings to safely control and direct the flow of traffic within the community.

The Township Road District Policy established for traffic control maintenance is to: report malfunctions of any traffic signal to the appropriate agency within one hour of being notified; report non-township sign deficiencies to the appropriate governmental agency within 1 work day from receipt of notice; manufacture intersection street name and

traffic control signs within one work day, or to order and receive specialized traffic control sign(s) within two work weeks; replace stop signs within 2 hours of notification; and replace all other missing and/or defaced township traffic control signs within 2 work days from receipt of notification.

STREET SIGN MAINTENANCE

Repairs, removals, additions and enhancements of signs and pavement markings within the traffic control system infrastructure are generated by verbal and written requests from residents, Police reports, and other governmental entities or from Township Road District staff after visual inspection of traffic control infrastructure.

Traffic control infrastructure work accomplished during 2024/25 included the replacement and/or repair of twenty-five (25) signs and eight (8) signposts, all according to the Manual on Uniform Traffic Control Device standards. Most of the "Stop Signs" in the Township have been replaced due to age and reflectivity requirements.

PAVEMENT MARKING

The Northfield Township Road District follows all State Statutes and the Manual on Uniform Traffic Control Devices. Northfield Township repainted, as needed, stop line markings and pedestrian crosswalks.

BARRICADE MAINTENANCE

The Township Road District maintains a working inventory of about 30 portable barricades. Periodic maintenance includes changing batteries, lights, replacing cross supports, straightening legs, painting and other tasks are performed to ensure the units are in "working order" as needed.

The Township Road District provides the necessary barricades, temporary traffic signs and labor support for road closures due to flooding, block parties, accidents, sanitary/storm main restoration projects, excavation sites and roadway restoration projects.

SIDEWALK INSTILLATION

During 2023/24 Northfield Township Road District was awarded $200,000 from the Invest in Cook County grant, to be used for a sidewalk along Sanders Road from the Mission Hills Condominium Complex (Mission Hills Road) to Oak Avenue in Northbrook. Currently this project is in its final stages of design and permitting through the Cook County Highway Department. The grant will be paid after completion of the project. This project was done with the help of Cook County Commissioner Scott Britton's office in securing funding and right-a-way authority for a sidewalk to be installed. This project is scheduled to be sent out for the bid in the summer of 2025.

FLEET MAINTENANCE

The computerized fleet maintenance and inventory program is a behind-the-scenes service, which supports all operations and encompasses all activities involving the repair of the Township Road District's fleet. The Township Road District's fleet is comprised of a wide spectrum of trucks and tractors, as well as a host of other specialized mechanical equipment. The vehicle's safety and reliability are directly dependent on timely preventive fleet maintenance and not exclusively related to the vehicle's age and mileage. The Township Road District has instituted an aggressive Preventive Maintenance (PM) program to consistently meet the service requirements recommended by vehicle/equipment manufacturers. The PM program ensures that all motorized equipment receives a consistent level of ongoing mechanical maintenance with the goal of extending the serviceable life of the unit and thereby reducing their downtime and overall cost of ownership. The primary goal of the Township Road District's fleet Maintenance Program is to provide the Township Road District Crew with a dependable, well-maintained fleet at the lowest practical cost.

The performance benchmarks established for fleet maintenance services are to ensure that motorized vehicles that are powered by their own engine receive a consistent level of on-going mechanical maintenance as recommended by the manufacturers' specifications and to resolve observed mechanical deficiencies within two workdays from receipt of notification. The maintenance covered under this program is limited to engine oil service, ignition and carburetion, braking system, engine cooling system, transmission service and hydraulics.

Miscellaneous maintenance to equipment included but was not limited to:
22 State of Illinois Safety inspections
3 trucks replaced due to age and fatigue
17 large equipment tune-ups and 14 small equipment tune-ups
10 tires replaced/repaired.
3 plows repaired.
3 sets of plow blades replaced.
1 transmission service
3 trucks had the brakes replaced.
1 exhaust systems repaired (dump trucks)
4 trailer electrical/brake systems repaired/inspected.

SMALL EQUIPMENT CHECK/MAINTENANCE

A computerized inventory and preventive maintenance program performed on a weekly, monthly, quarterly, and/or annual basis was continued to ensure the Township Road District's construction tools and equipment were ready for routine and emergency response. The inspections entailed checking the fluids, battery life and running the equipment for a specified period of time. Deficiencies were promptly reported to the

fleet maintenance staff for repairs. Such equipment included, but was not limited to: locators, pumps, generators, saws, mowers and other fuel powered tools and equipment.

RECYCLING PROGRAM

In November of 2008, to promote recycling throughout Northfield Township, the Highway Commissioner implemented a recycling program open to Township residents only. The response to this program has been extremely positive.

To make recycling easier and more convenient for our residents, a decision was made to open the Northfield Township Road District garage doors as a recycling center Monday through Friday, from 7am until 3pm.

Residents were instructed to pull up to the north garage door at 237 Melvin Drive in Northbrook, ring the bell. They would remove recyclable material from their cars and place it on a steel cart to be sorted by Road District staff. Residents commented on how astounded they were at the ease in which they can drop off recyclables.

We continue to partner with other organizations to build on the successful events we've already held. Glenkirk's Opportunity Secure Data Destruction provides our on-site shredding service. We are fortunate to have partners like Abt Electronics and United Cerebral Palsy's ATEN.

This free recycling program accepts the following items: Art supplies, batteries, bikes, toys, cell phone/pagers, cardboard (no tubes), CDs and DVDs, clothing, computer hardware (no computer monitors), electronics (no televisions), engine oil, transmission oil, eyeglasses, flags, fluorescent tubes/bulbs, household paint (oil & latex), ink/toner cartridges, metal, paper, Styrofoam blocks, therapeutic equipment, and tires.

New to the 2025 season, we will be adding recycling plastic bags to the accepted items.

There were 8 events this year. During these events the Road District accepted sensitive documents and all qualified recyclable materials. No recycling events were held in the months of November, December, January, February and March.

In 2013 we created Household Chemical Waste drop-off days, so that the homeowners of Northfield Township have an alternative to safely dispose of their unwanted household cleaning and maintenance products. In 2024, two (2) 1-day events were scheduled.

The Road District has made it simple. At the collection site, Road District employees segregated the waste. The waste is being repackaged and prepared for shipment by Tradebe' s technicians to ensure all DOT and EPA regulations are met. The material is then loaded by Tradebe staff and transported to the proper disposal/recycling facility.

The following items were accepted: *antifreeze, cleaning products that are consumer commodities only, charcoal lighter fluid, driveway sealer (limit of 2 five-gallon buckets), drain cleaners, paint thinners and gasoline in approved/original containers only.*

- No medical waste, medicines of any type, or sharps (needles) are accepted.
- No pool, photographic, or business/commercial use chemicals are accepted.
- No propane tanks or other pressurized air tanks/cylinders are accepted.
- No televisions or computer monitors are accepted.
- No items containing Mercury are accepted.
- No fire extinguishers are accepted.
- Must be a resident of Northfield Township to recycle at our facility.

RECYCLING PROGRAM YIELD 2024

61,329 pounds of sensitive documents shredded (saving over 30 trees)
3,520 gallons of latex & oil-based paint (64) 55-gallon drums
1000 gallons of motor oil
23 pallets of small appliances
52 gaylord plastic bags of Styrofoam delivered to ABT
44 bales of cardboard
4 pallets of wire
6 pallets of lead batteries
7 55-gallon drums of crushed CFL/Fluorescent bulbs
4 bicycles for donation
20 bags of clothing/toys for Goodwill
18 pallets of computer electronics/medical devices ATEN
6 32-gallon bags of flags (given to local Boys Scout troops for proper disposal)
276 used tires
2 dump trailers of scrap metal
1,500 pounds of alkaline batteries (30) 5 five-gallon buckets (weighing 50 lbs. each)

RECYCLING PROGRAM MISSION

Northfield Township's commitment to comprehensive environmental protection employs only the most socially and environmentally responsible recycling practices.

We believe that our residents want to be responsible and recycle in an environmentally conscientious way. Our purpose is to offer simple and convenient solutions to the management of recyclables that reward our residents' environmental integrity. Our environmental mission includes:

1. Environment - Dedicated to meeting or exceeding the requirements of relevant environmental law and regulations to keep our landfills free of unnecessary pollutants and to reducing energy use.

2. Transparency - To keep Northfield Township's recycling practices as clear as possible and free of charge so that each of our residents feels secure in using the service.

3. Convenience - Dropping off the recyclable must be quick and trouble-free.

4. Operations - Regularly evaluate our operation to respond to relevant emerging environmental issues and to improve our management practices to guarantee the ongoing integrity of our environmental mission.

5. Reuse - Northfield Township believes that reuse should come first and strives to find partners that will find second homes for all electronics that we accept. Items that cannot be reused will be recycled responsibly.

HAZARD MITIGATION

UPDATE!!!!
CENTRAL ROAD FLOODING UPDATE

The Metropolitan Water Reclamation District (MWRD) and the Illinois Department of Transportation (IDOT) along with the Northfield Township Road District are holding a Community Outreach for the Central Road Flood Mitigation Project in the spring/summer of 2025. The meeting time and location are to be announced as soon as possible.

As stated in previous reports, the preliminary drainage study and preliminary design plans for the Central Road Corridor have been completed. IDOT (Illinois Department of Transportation) have begun finalizing the design plans for this project. As a part of the design a detention facility will be constructed. Preliminary designs reflect this facility will be constructed at the southeast corner of Central Rd. and Potter Rd. The Road District and the MWRD have engaged into an Inter-Governmental Agreement stating, Once the project is completed MWRD will forward the ownership of that facility to the Northfield Township Road District. This is a necessary portion of the Central Road design plan and will need to be fully constructed and integrated with the new storm systems once installed.

Currently, the storm water drainage system under Central Rd. is owned and maintained by IDOT and was installed approximately 60 years ago, long before much of the development, or the re-development of the property in the drainage area occurred. As a consequence, this system is incapable of effectively conveying the volume of storm water run-off which occurs frequently in heavy rainfall, especially those of intense, but short durations.

IDOT and MWRD have recognized and acknowledged the inadequacy of this system and are taking steps to make the necessary infrastructure improvements to help solve this problem.

NORTHBROOK WEST FLOODING UPDATE

Northfield Township Road District and MWRD have proposed a major reconstruction project for the Northbrook West Subdivision and Techny Road corridor. This would include the areas of Citation Lake and Deercrest Subdivisions.

With talks with MWRD and Cook County Commissioner Scott Britton's office the Northfield Township Road District was able to secure 1.5 million dollars from the American Resue Plan Act (ARPA) and 1.5 million dollars from the MWRD to fund the first leg in this project.

Northfield Township Road District is still working with a collaborative effort with Northbrook West Homeowners, MWRD, Cook County, and Cook County Commissioner Scott Britton to fund the remaining 3 legs of this project.

EMERGENCY MANAGEMENT

In years past the Road District took a comprehensive modular approach to emergency management public works training which has been established and implemented within the Northfield Township Road District. All Road District employees are encouraged to participate in all training classes.

All Northfield Township Road District Road crew employees have taken ICSs courses, and both Wally Kehr and Tim Rueckert are certified ICS 300 Participant and Tim Rueckert is certified ISC 800 National Response Framework.

FLEET REPLACEMENT PROGRAM

Since the Covid 19 shutdowns, manufacturers still have supply chain issues and have had a tremendous effect on truck and tractor replacement orders. Not to mention, the new 2027 EPA regulations are also influencing equipment prices and purchases. Since 2019, the prices of new trucks and body equipment have jumped over 30 percent. We were able to replace a 2001 Ford F550 Mini dump truck, 2005 F350 pick up truck, and a 2002 Sterling Acterra dump truck with a new 2025 Kenworth dump truck.

New truck chassis orders are still running slow but improving. The delay in ordering and delivery of truck chassis has had a large effect on truck dump body manufacturers and installers. Delayed truck orders are all coming in all at once and are pushing scheduling of body building on a new truck chassis one year out. An example of this is if the Road District was to order a new truck right now, truck chassis might be available in 6-8 months, but I could not install a body for another 12 months. This would make the delivery of a new truck 18- 20 months out, from the date of order.

HIGHWAY COMMISSIONEERS HOURS WORKED

The following is a list of monthly hours worked for the fiscal year 2024 – 2025.

Date	Hours worked
April 2024	156
May 2024	140
June 2024	158
July 2024	143
Aug 2024	149
Sep 2024	145
Oct 2024	151
Nov 2024	139
Dec 2024	149
Jan 2025	150
Feb 2025	134
Mar 2025	131
Total hours worked for FY 24-25	**1745**

NORTHFIELD
ROAD DISTRICT
TOWNSHIP

ANNUAL INVENTORY

$200 OR MORE IN VALUE

4/1/2024 – 3/31/25

Northfield Township Road District
2024
Equipment Inventory Summary Report

Equipment #	Description	State of Repair
ASGP 00	STIHL/ ECHO CHAINSAWS	Good
ASGP 02	ECHO CS-355T (12 IN) CHAINSAW	Good
ASGP 02A	STIHL MS 192 C (14") CHAINSAW	Good
ASGP 02B	ECHO CS-450P (18") CHAINSAW	Good
ASGP 02C	STIHL MS251 IC (18") CHAINSAW	Good
ASGP 03	STIHL MS 290 (21") CHAINSAW	Good
ASGP 04	STIHL MS 460 (28in) CHAINSAW	Good
ASGP 04A	STIHL HT 101 12FT POLE SAW	Good
ASGP 05C	HONDA 2 INCH TRASH PUMP(#1)	Good
ASGP 05D	2 IN WD 20 X TRASH PUMP (#2)	Good
ASGP 05H	3" HOMELITE/BRIG PUMP (# 3)	Good
ASGP 10B	HONDA 3 IN TRASH PUMP (#7)	Good
ASGP 13	HONDA EB 11000 GEN. ROAD D	Good
ASGP 14	STIHL CHOP SAWS	Good
ASGP 14A	STIHL TS420 CHOP SAW (#1)	Good
ASGP 14B	STIHL TS420 CHOP SAW (#2)	Good
ASGP 15	TS 420 SAW ON STAND/WATER TANK	Good
ASGP 16C	HONDA GX 390 ROAD SAW.	Good
ASGP 16D	GRACO 3400 LINE STRIPING MA	Good
ASGP 16L	FRC 800 HONDA ROTOTILLER	Good
ASGP 16M	WACKER VIBRATOR PLATE	Good
ASGP 17B	STIHL FS 90R WEED WACKER #2	Good
ASGP 18	STIHL HS45 HEDGE TRIMMER	Good
ASGP 19	PUSH WEED TRIMMER	Good
ASGP 25	NATURAL GAS STEAM CLEANER	Good
ASGP 29A	STIHL STGBG86 BLOWER (#3)	Good
ASGP 29B	STIHL BACK/PACK BLOWER (#1)	Good
ASGP 29C	G85-BLOWER #2	Good
CFF10E	DELL OPTIPLEX 7080 COMPUTER	Good
CFF15B	DELL OPTI PLEX 7090 COMPUTER	Good
CFF15K	EPSON WF-7720 DEB PRINTER	Good
CFF18D	QSEE HD 20 CAMERA& RECORD SYS	Good
CFF20C	HP ALL IN 3830 ACCT PRINTER	Good
CFF23D	SANIT/NFT LENOVO COMPUTE	Good
CFF23E	HP 7645 PRINT/SCAN/COPY	Good
CFF40	(5) HD PALLET RACK SY (500 EA)	Good
LEA 01A	PAINT CAN CRUSHER	Good
LEA 02	PAINT CAN CRUSHER #2	Good
LEA 03	BULB EATER CFL/FLR BULB CRUS	Good
LEA 04	HYDRAULIC PALLET JACK	Good
LEA 04A	(2) 30 X 60 WAGON CART	Good
Notes:	RUBBER WHEELED WAGON CART @ 475 EACH	Good
LEA 04B	(30) 40 X 40 X 30 COLLAP CONTA	Good
Notes:	PLASTIC COLLAPISIBLE CONTAINERS @ 340 EACH	Good
LEA 04H	USED OIL FURNACE	Good
LEA 3	PALLET JACK	Good
LEA O4I	CARDBOARD COMPACTOR	Good
MOB 01	HIGH POWER NARROWBAND BASE STA	Good
MOB 01A	(8) NAR BND RADI 4 TRKS $500 e	Good
MOB 03A	(3) HND HLD NAR BND RAD 200ec	Good
MOB.10	EMRG CELL PHONE 847-471-7055	Good
MT 3001	NAPA 2 PC TOOL CHEST	Good
MT 3002	NAPA 750 PC MASTER TOOL SET	Good
SAFE 20	20 TON AIR JACK	Good
SAFE 22	3.5 TON FLOOR JACK	Good
SAFE 228	10 ton low profile floor jacl	Good
SAFE 4	FALLTECH TRIPOD W/WINCH LANYAR	Good
SAFE 7	12 4X8 FIN. FORM PLY. SHEETS	Good

SAFE 9	1 SHORING PUMP	Good
SAFE22A	2 TON FLOOR JACK	Good
SBEA 01	ARC ELECTRIC WELDER	Good
SBEA 02	MILLER MIG. WELDER	Good
SBEA 05	NASCAR-SEL. BATTERY CHARGER	Good
SBEA 06	BATTERY CHARGER	Good
SBEA 06B	SMALL BATTERY CHARGER	Good
SBEA 07	SHOP AIR COMPRESSOR	Good
SBEA 10	MODEL 130 LASER PLANE SYST.	Good
Notes:	WITH TRI- POD AND LEVELING STICK	Good
SBEA 11	LAZER PLANE EAGL MODEL #1000	Good
SBEA 13	METRO TECH PIPE LOC.	Good
SBEA 14	ELECT 150 FT POWER RODDER	Good
UNIT # 01		Good
2017	FORD EXPED	
	SUV 4X4 4 DR XL PCK MAGNET COLOR	
UNIT # 02		Good
2018	FORD	
	F350 4X4 WITH WESTERN 8 FT PLOW MD 72390	
UNIT # 03		Good
2008	INTERNATIONAL	
	GREEN DUMP TRUCK WITH SALT SPREADER,STONE SPREADER AND PLOW	
UNIT # 04		Good
2007	INTERNATIONAL	
	GREEN DUMP TRUCK WITH PLOW & SPREADER	
UNIT # 05		Good
2006	INTERNATIONAL	
	GREEN DUMP TRUCK WITH PLOW & SPREADER STONE SPREADER CHIPPER BOX	
	HTC STONE CONVEYOR	
	STONE & ASPHALT CONVEYOR UNIT # 5	
UNIT # 06		To be sold
2004	STERLING ACTERRA	
	GREEN DUMP TRUCK WITH PLOW & SPREADER	
UNIT # 07		Good
2018	FORD	
	(2018) F550 MINI DUMP (W) CHIPPER BOX & PLOW FLINK SPREADER PURC 2020	
UNIT # 08		To be sold
2003	STRERLING ACTERRA	
	GREEN DUMP TRUCK WITH PLOW , SPREADER & CHIPPER BOX	
UNIT # 09		Good
2008	Ford	
	(08) RANGER 4X4	
UNIT # 09B	A33848	To be sold
	FORD	
	60 FT AREIAL BUCKET TRUCK	
UNIT # 11C		Good
2005	BOMAG ROLLER	
	VIBRATING ASPHALT ROLLER	
UNIT # 12		Good
2004	JOHN DEERE BK HOE	
	410G BACKHOE TRACTOR W 12,18, 24,30,36 HOE BUCKET SIZES	
UNIT # 13		Good
2004	JOHN DEERE WLOADER	
	FRONT END WHEEL LOADER TRACTOR	
UNIT # 14		Good
2001	BOBCAT S250	
	BOBCAT SKID STEERE TRACTOR WITH ATTACHMENTS	
UNIT # 14A		Good
2001	BOBCAT HOE ATTC	
	BOBCAT BACKHOE ATTACHMENT	
UNIT # 14B		Good
2009	BOBCAT GRINDER	

	BOBCAT ASPHALT GRINDER	
UNIT # 14C		Good
2009	BOBCAT	
	STREET BROOM	
UNIT # 14D		Good
2009	BOBCAT	
	S205 SKID STEER TRACTOR W ATTACHMENTS	
UNIT # 14F		Good
	BOBCAT	
	hYDRAULIC jACK HAMMER ATTACHMENT	
UNIT # 15		Good
2002	VERMEER CHIPPER	
	24" LOG/BRUSH CHIPPER MACHINE TOWED	
UNIT # 16		Good
2002	VERMEER TRAILER	
	SC252 STUMP GRINDER AND TL20 TRAILER	
UNIT # 17		Good
1992	INGERSOL RAND	
	AIR COMPRESSOR WITH AIR HAMMER	
UNIT # 18		Good
1998	CRONKITE TRAILER	
	TRAILER FOR BOBCAT AND ATTACHMENT	
UNIT # 19		Good
	BIG TEX TRAILER	
	TRAILER FOR MOWERS	
UNIT # 19A		Good
2009	WINSTON	
	9 TON TRAILER FOR TRACTORS	
UNIT # 19B		Good
2013	J&E Manufacturing	
	FLAT BED TRAILER/BLACK/HYDRAULIC LOWERS TO GROUND	
UNIT # 20		Good
2007	EX MARK	
	RIDING LAWMMOWER	
UNIT # 26		Good
2024	KENWORTH	
	CHASSI	
	SS BODY, HENDERSON PLOW, HENDERSON SPRD	
UNIT # 27		Good
2024	FORD	
	CHASSI ONLY NEW MINI DUMP REPLACING UNIT 77	
2025	To Be installed HENDERSON	
	BODY PLOW SPREADER INSTALL 2025	
UNIT # 28		
2023	Mack	Good
	2018 MACK GU 532 DUMP TRUCK (W) 11' PLOW & SS SPREADER	
UNIT # 77		
2001	FORD F550	To be sold
	GREEN MINI- DUMP TRUCK WITH PLOW,SPREADER,&CHIPPER BOX	
UNIT # 77C	N/A	Good
2001	MONROE BOX	
	CHIPPERBOX FOR UNIT #7	