

Village of Buffalo Grove Public Works Department





Illinois Lakes Management Association
Annual Conference
Chloride Reduction Strategies for Local Government
March 15, 2019

2



Presented by : Mike Reynolds, MPA, CPFP, CPWP-M
Director of Public Works



Chloride Reduction Strategies

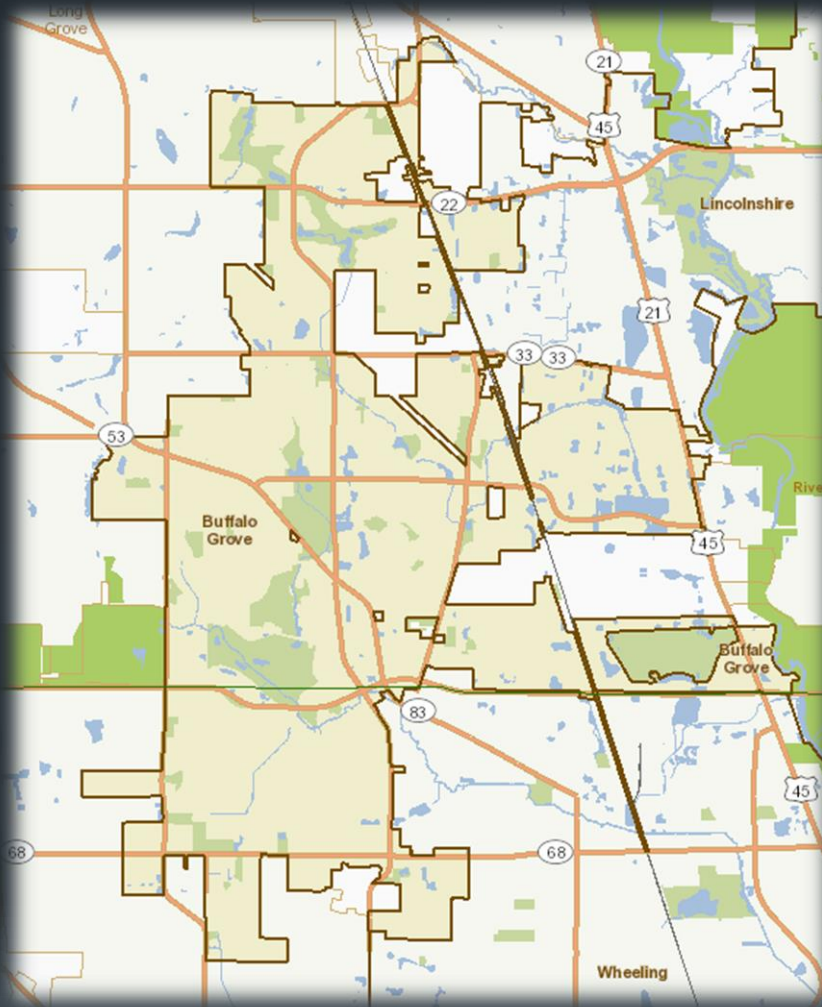
3

Presentation Overview

- Community Overview
- Public Works Overview
- Snow & Ice Control Plan Overview
- Chloride Reduction Strategy Overview
- APWA Award
- Questions



Community - Overview



- Incorporated in 1958
- Located 25 miles northwest of Chicago in Two Counties:
 - 22% Cook County
 - 78% Lake County
- 41,778 Population
- 16,997 Households
- 9.3 Square Miles
- 118 Miles of Streets
- 138 Miles of Storm Sewer
- 39 Stormwater Detention Facilities
- 11 Miles of Streams
- 5 Watershed Areas (BC, AC, IC, MC & DPR)



Public Works - Overview



- First Accredited in 2004
- 16th Accredited Agency, 3rd in Illinois
- Currently One of 6 Agencies in Illinois



- 59 Employees
 - 50 Full Time
 - 9 Part Time/Seasonal
- Three Divisions:
 - Engineering
 - Maintenance (Street, Central Garage, Building Maintenance and Forestry & Grounds)
 - Utilities (Water, Sewer & Drainage)
- Annual Budget:
 - Operating: 21 Million
 - Capital: 9.6 Million



Snow & Ice Control - Overview

6

Village of Buffalo Grove

SNOW & ICE PLAN



Public Works Department

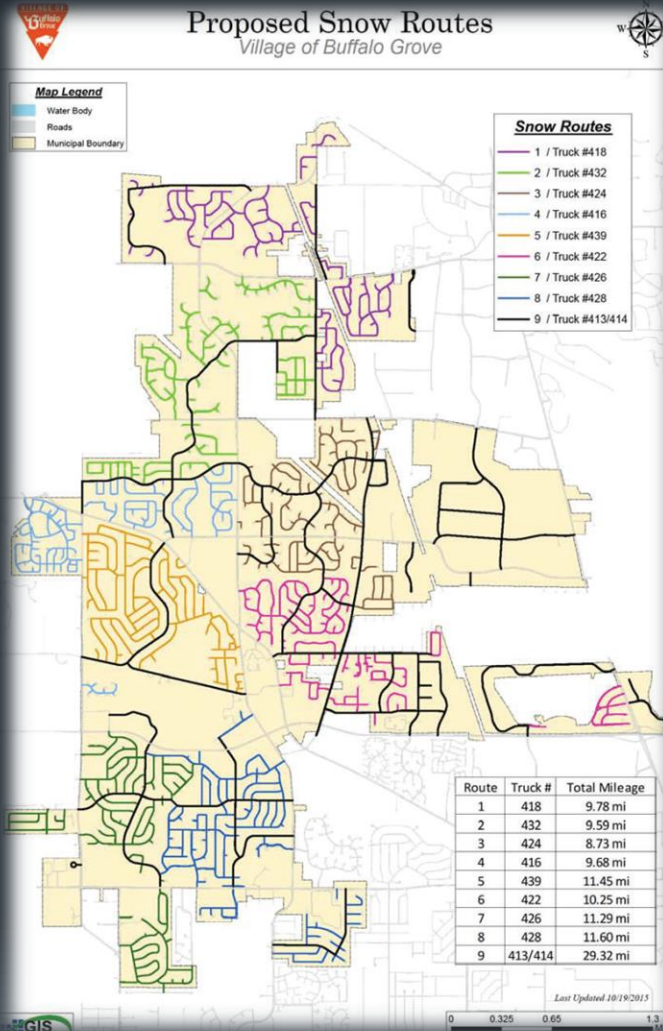
Operation Division

2016 – 2017

- Pre/Post Season Preparations
- Pre/Post Storm Preparations
- Anti-Icing Program
- Route Assignments & Mapping
- Response Levels
- Performance Goals & Objectives
- Pace/Metra & Municipal Campus
- Equipment
- Sidewalk Snow Removal
- Staffing & Assignments
- 5-Year Plan
- Materials & Handling
- Municipal Code Applicability



Snow & Ice Control - Overview



- 9 Salt/Plow Routes
- 118 Miles of Streets
- 522 Lane Miles
- Sidewalk Snow Removal for 28 Miles of sidewalks
- Snow removal at Pace/Metra
- Municipal Parking Lots

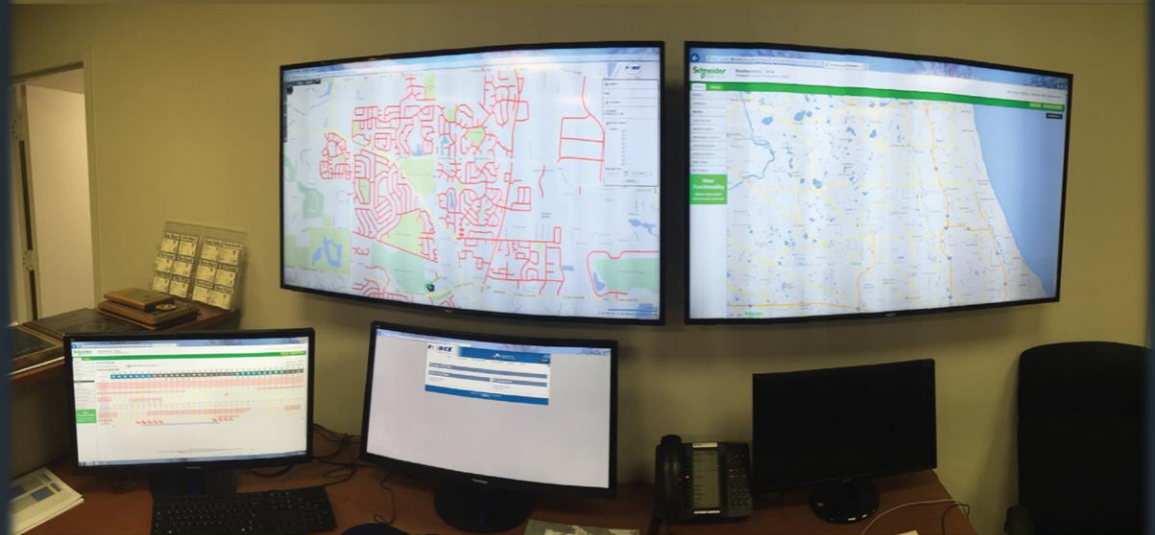




Snow & Ice Control - Overview

Snow Command Center

- GPS Tracking
- Weather Forecasting
- Live Radar
- Assignment Board



Weather Forecast

GPS Tracking

Live Radar

CREW	START TIME	STOP TIME	ROUTE	STATUS	ASSIGNED TO
CREW 1	06:00	08:00	ROUTE 1	OK	JOHN DOE
CREW 2	08:00	10:00	ROUTE 2	OK	JANE SMITH
CREW 3	10:00	12:00	ROUTE 3	OK	BOB BROWN
CREW 4	12:00	14:00	ROUTE 4	OK	ALICE GREEN
CREW 5	14:00	16:00	ROUTE 5	OK	CHARLES BLACK
CREW 6	16:00	18:00	ROUTE 6	OK	DIANA WHITE
CREW 7	18:00	20:00	ROUTE 7	OK	EDWARD RED
CREW 8	20:00	22:00	ROUTE 8	OK	FELICIA BLUE
CREW 9	22:00	00:00	ROUTE 9	OK	GEOFFREY PURPLE
CREW 10	00:00	02:00	ROUTE 10	OK	HENRIETTA PINK
CREW 11	02:00	04:00	ROUTE 11	OK	ISAAC YELLOW
CREW 12	04:00	06:00	ROUTE 12	OK	JULIA LIGHT BLUE
CREW 13	06:00	08:00	ROUTE 13	OK	KYLE DARK BLUE
CREW 14	08:00	10:00	ROUTE 14	OK	LUCAS LIGHT GREEN
CREW 15	10:00	12:00	ROUTE 15	OK	MARIA DARK GREEN
CREW 16	12:00	14:00	ROUTE 16	OK	NATHAN LIGHT BLUE
CREW 17	14:00	16:00	ROUTE 17	OK	OLIVIA DARK BLUE
CREW 18	16:00	18:00	ROUTE 18	OK	PETER LIGHT GREEN
CREW 19	18:00	20:00	ROUTE 19	OK	QUINN DARK GREEN
CREW 20	20:00	22:00	ROUTE 20	OK	RICHARD LIGHT BLUE
CREW 21	22:00	00:00	ROUTE 21	OK	SARAH DARK BLUE
CREW 22	00:00	02:00	ROUTE 22	OK	TIMOTHY LIGHT GREEN
CREW 23	02:00	04:00	ROUTE 23	OK	URSULA DARK GREEN
CREW 24	04:00	06:00	ROUTE 24	OK	VICTOR LIGHT BLUE
CREW 25	06:00	08:00	ROUTE 25	OK	WENDY DARK BLUE
CREW 26	08:00	10:00	ROUTE 26	OK	Xavier LIGHT GREEN
CREW 27	10:00	12:00	ROUTE 27	OK	YVONNE DARK GREEN
CREW 28	12:00	14:00	ROUTE 28	OK	ZACHARY LIGHT BLUE
CREW 29	14:00	16:00	ROUTE 29	OK	ADAM DARK BLUE
CREW 30	16:00	18:00	ROUTE 30	OK	AMANDA LIGHT GREEN
CREW 31	18:00	20:00	ROUTE 31	OK	BENJAMIN DARK GREEN
CREW 32	20:00	22:00	ROUTE 32	OK	CHARLOTTE LIGHT BLUE
CREW 33	22:00	00:00	ROUTE 33	OK	DANIEL DARK BLUE
CREW 34	00:00	02:00	ROUTE 34	OK	EMILY LIGHT GREEN
CREW 35	02:00	04:00	ROUTE 35	OK	FREDERICK DARK GREEN
CREW 36	04:00	06:00	ROUTE 36	OK	GRACE LIGHT BLUE
CREW 37	06:00	08:00	ROUTE 37	OK	HENRY DARK BLUE
CREW 38	08:00	10:00	ROUTE 38	OK	IGOR LIGHT GREEN
CREW 39	10:00	12:00	ROUTE 39	OK	JESSICA DARK GREEN
CREW 40	12:00	14:00	ROUTE 40	OK	KENNETH LIGHT BLUE
CREW 41	14:00	16:00	ROUTE 41	OK	Laura DARK BLUE
CREW 42	16:00	18:00	ROUTE 42	OK	MICHAEL LIGHT GREEN
CREW 43	18:00	20:00	ROUTE 43	OK	NANCY DARK GREEN
CREW 44	20:00	22:00	ROUTE 44	OK	OSCAR LIGHT BLUE
CREW 45	22:00	00:00	ROUTE 45	OK	PATRICIA DARK BLUE
CREW 46	00:00	02:00	ROUTE 46	OK	QUINN LIGHT GREEN
CREW 47	02:00	04:00	ROUTE 47	OK	RICHARD DARK GREEN
CREW 48	04:00	06:00	ROUTE 48	OK	SARAH LIGHT BLUE
CREW 49	06:00	08:00	ROUTE 49	OK	TIMOTHY DARK BLUE
CREW 50	08:00	10:00	ROUTE 50	OK	URSULA LIGHT GREEN
CREW 51	10:00	12:00	ROUTE 51	OK	VICTOR DARK GREEN
CREW 52	12:00	14:00	ROUTE 52	OK	WENDY LIGHT BLUE
CREW 53	14:00	16:00	ROUTE 53	OK	Xavier DARK BLUE
CREW 54	16:00	18:00	ROUTE 54	OK	YVONNE LIGHT GREEN
CREW 55	18:00	20:00	ROUTE 55	OK	ZACHARY DARK GREEN
CREW 56	20:00	22:00	ROUTE 56	OK	ADAM LIGHT BLUE
CREW 57	22:00	00:00	ROUTE 57	OK	AMANDA DARK BLUE
CREW 58	00:00	02:00	ROUTE 58	OK	BENJAMIN LIGHT GREEN
CREW 59	02:00	04:00	ROUTE 59	OK	CHARLOTTE DARK GREEN
CREW 60	04:00	06:00	ROUTE 60	OK	DANIEL LIGHT BLUE
CREW 61	06:00	08:00	ROUTE 61	OK	EMILY DARK BLUE
CREW 62	08:00	10:00	ROUTE 62	OK	FREDERICK LIGHT GREEN
CREW 63	10:00	12:00	ROUTE 63	OK	GRACE DARK GREEN
CREW 64	12:00	14:00	ROUTE 64	OK	HENRY LIGHT BLUE
CREW 65	14:00	16:00	ROUTE 65	OK	IGOR DARK BLUE
CREW 66	16:00	18:00	ROUTE 66	OK	JESSICA LIGHT GREEN
CREW 67	18:00	20:00	ROUTE 67	OK	KENNETH DARK GREEN
CREW 68	20:00	22:00	ROUTE 68	OK	Laura LIGHT BLUE
CREW 69	22:00	00:00	ROUTE 69	OK	MICHAEL DARK BLUE
CREW 70	00:00	02:00	ROUTE 70	OK	NANCY LIGHT GREEN
CREW 71	02:00	04:00	ROUTE 71	OK	OSCAR DARK GREEN
CREW 72	04:00	06:00	ROUTE 72	OK	PATRICIA LIGHT BLUE
CREW 73	06:00	08:00	ROUTE 73	OK	QUINN DARK BLUE
CREW 74	08:00	10:00	ROUTE 74	OK	RICHARD LIGHT GREEN
CREW 75	10:00	12:00	ROUTE 75	OK	SARAH DARK GREEN
CREW 76	12:00	14:00	ROUTE 76	OK	TIMOTHY LIGHT BLUE
CREW 77	14:00	16:00	ROUTE 77	OK	URSULA DARK BLUE
CREW 78	16:00	18:00	ROUTE 78	OK	VICTOR LIGHT GREEN
CREW 79	18:00	20:00	ROUTE 79	OK	WENDY DARK GREEN
CREW 80	20:00	22:00	ROUTE 80	OK	Xavier LIGHT BLUE
CREW 81	22:00	00:00	ROUTE 81	OK	YVONNE DARK BLUE
CREW 82	00:00	02:00	ROUTE 82	OK	ZACHARY LIGHT GREEN
CREW 83	02:00	04:00	ROUTE 83	OK	ADAM DARK GREEN
CREW 84	04:00	06:00	ROUTE 84	OK	AMANDA LIGHT BLUE
CREW 85	06:00	08:00	ROUTE 85	OK	BENJAMIN DARK BLUE
CREW 86	08:00	10:00	ROUTE 86	OK	CHARLOTTE LIGHT GREEN
CREW 87	10:00	12:00	ROUTE 87	OK	DANIEL DARK GREEN
CREW 88	12:00	14:00	ROUTE 88	OK	EMILY LIGHT BLUE
CREW 89	14:00	16:00	ROUTE 89	OK	FREDERICK DARK BLUE
CREW 90	16:00	18:00	ROUTE 90	OK	GRACE LIGHT GREEN
CREW 91	18:00	20:00	ROUTE 91	OK	HENRY DARK GREEN
CREW 92	20:00	22:00	ROUTE 92	OK	IGOR LIGHT BLUE
CREW 93	22:00	00:00	ROUTE 93	OK	JESSICA DARK BLUE
CREW 94	00:00	02:00	ROUTE 94	OK	KENNETH LIGHT GREEN
CREW 95	02:00	04:00	ROUTE 95	OK	Laura DARK GREEN
CREW 96	04:00	06:00	ROUTE 96	OK	MICHAEL LIGHT BLUE
CREW 97	06:00	08:00	ROUTE 97	OK	NANCY DARK BLUE
CREW 98	08:00	10:00	ROUTE 98	OK	OSCAR LIGHT GREEN
CREW 99	10:00	12:00	ROUTE 99	OK	PATRICIA DARK GREEN
CREW 100	12:00	14:00	ROUTE 100	OK	QUINN LIGHT BLUE



Chloride Reduction - Overview

9

Why Reduce Chlorides?

- Environmental Stewardship
- Compliance Requirements (NPDES, MS4)
- Reduce Operational Costs
- Increase Public Awareness



Chloride Reduction - Overview

10

Chloride Reduction Efforts

- Use of More Liquids
- Pre-Wetting
- Anti-Icing
- Vehicle Technology
- Carbide Cutting Edges
- Wing Plows





Chloride Reduction - Overview

11

Chloride Reduction Efforts

- New Salt Storage Facility (2015 - \$319,900)
- Increased Capacity
- Reduced Supply Chain Dependency



Old Salt Storage Facility – 1,850 Ton Capacity

- 1997 - \$28/Ton
- 2007 - \$40/Ton
- 2008 - \$129/Ton
- >2010 - \$55-\$70/Ton

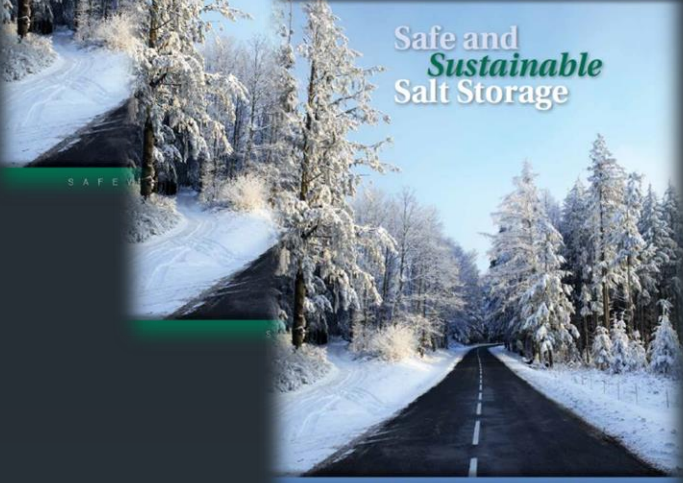


New Salt Storage Facility – 3,700 Ton Capacity



Chloride Reduction - Overview

- Industry Involvement





Chloride Reduction - Overview

Public Outreach

- PW Open House
(May 18, 2019 10:00 – 1:00)
- Farmer's Market



The Village of Buffalo Grove Proudly Presents:



**INAUGURAL PUBLIC WORKS
WINTER MAINTENANCE
OPEN HOUSE**

Please join us in learning about the Public Works department's winter maintenance program. Get to see firsthand some of the various equipment used to clear the streets, sidewalks, and parking lots of the Village!

**When: Saturday October 24, 2015
10:00 AM to 2:00 PM**

**Where: Buffalo Grove Public Works
51 Raupp Boulevard
Buffalo Grove, IL 60089**

BUFFALO GROVE
PUBLIC WORKS





Chloride Reduction - Overview

Public Outreach



Winter Snow Removal and Maintenance

As the winter season of 2018 - 2019 begins to draw near, the Buffalo Grove Public Works Department is preparing all equipment to meet challenges the needs and potential challenges the season brings. As in years' past, Public Works staff will undergo mandatory equipment and program training in an effort to meet the expectations of program goals. The challenges of winter maintenance are always a balancing act between the weather and road conditions, staffing levels, functionality of equipment, traffic, and many other emergency activities completed by the Public Works Department. Some of these are completed simultaneously during a snow event. Despite the variety of challenges, staff is dedicated to the task of winter maintenance and works tirelessly to meet expectations. The following are frequently asked questions during the winter maintenance season.

What are the "stripes" I see running down my street before a storm event?
You should expect to see "stripes" on your road prior to winter storm events, as Public Works will be comparing anti-icing pre-treatment to roads throughout the community. Anti-icing is a cost effective, proactive first step towards achieving drivable roads during storm events as it helps melt falling snow, and prevents the bond between the road surface and snow from forming. These stripes allow plows to cut all the way down to the pavement surface as they move down the road.

Why is snow pushed into my driveway by the plow?
This is an unavoidable inconvenience. During periods of snow, plows will clear the roads moving from the "crown" of the road (the middle of the road) towards the outside curb. Plowing activities will continue until all the snow has been removed from the road. During long snow events, this clearing may result in plowing passes from the middle, all the way to the curb, and could result in large deposits along the road easement (or road edge) including driveway aprons.

Am I permitted to shovel or snow-blow my driveway into the street?
No, this activity is prohibited by Village ordinance and is subject to a fine. In addition, residents who deposit snow into the road from their driveway or sidewalk assume liability in the case of an accident or injury resulting from this act. Residents are encouraged to shovel or snow-blow driveway snow "downstream" from the direction of traffic to the right (facing the road at a garage).

When should I move my car off the street?
The Village parking restrictions are clearly marked on posted signs throughout each neighborhood. In addition to the restrictions outlined on the posted signs, parking restrictions go into effect as soon as plowing operations have started. Residents are strongly encouraged to move vehicles out of the streets as soon as winter weather arrives, as the equipment often must pass between vehicles that are parked legally on the street - but create a potential hazard for the winter maintenance equipment and slow down the overall response of the winter maintenance program. Please watch the weather and move vehicles from the road (if possible) during winter weather.

What should I do if a plow damages my mailbox? Or my driveway?
The Public Works Department repairs/replaces damage to parkways in the spring, following the end of the winter season. Damage to the parkway should be reported to the Public Works Department as soon as it is identified. Public Works representatives maintain and make-up support signs caused by snow thrown from the plow. When purchasing a new mailbox, mailboxes should be a consideration so that it can resist the force, weight and weight of snow caused by plows, or mailbox support signs that have been improperly installed. Mailbox installation guidelines and diagrams can be obtained at the Public Service Center, 51 Racquet Boulevard in Buffalo Grove, upon request.

Why won't the Village plow my sidewalk or my driveway?
The costs of such a program would be very prohibitive. Residents are expected to remove snow from their own driveways and sidewalks adjacent to their property so that pedestrians are not forced to walk in the street.

What should I do if it is my garbage day, and plows are out clearing snow?
Garbage collection takes place throughout the community on a variety of different work days. During winter maintenance activities, residents are strongly encouraged to place their garbage cans and recycle cans back away from the curb, and inside the apron of the driveway so that blowing snow coming off the plow doesn't knock the cans over and create the need for cleanup. The closer the cans are placed to the curb, the greater the likelihood that they will be knocked over during plowing operations.

What is the contact telephone number if I have a question or concern?
During normal business hours, Monday - Friday, 7:00 a.m. - 3:30 p.m. the number is 847-459-2544. After hours, on weekends and on holidays call 847-459-2550 (this is the non-emergency Police Department number).

DID YOU KNOW?

The most snow to fall in a 24-hour period in the United States is 73.8 inches.

In 1921, over an hour of snow fell between April 14 at 2:30 p.m. and April 15 at 6:30 p.m. in Silver Lake, Colorado.

Snow has never been reported in Key West.

The coldest temperature on record for the United States (reached on January 21, 1881, and January 12, 1886) is -45 degrees Fahrenheit.

Snow is a mineral.

According to the National Snow & Ice Data Center, snow is a mineral because it is a naturally occurring solid, inorganic, crystalline, and has a definite chemical composition.



WINTER MAINTENANCE

As the 2017-2018 winter season approaches, the Buffalo Grove Public Works Department is already preparing its equipment to meet the upcoming challenges in regard to ice, snow and other precipitation. As in years past, Village staff will undergo mandatory equipment and program training in an effort to meet, and work to surpass, expectations.

The challenges of winter maintenance are a balancing act between the weather and road conditions, staffing levels, functionality of equipment, traffic, and the many other emergency activities completed by the Public Works Department. Some of these are completed simultaneously during a snow event. The department is dedicated and works tirelessly to meet resident expectations.

The following are frequently asked questions and answers during the winter maintenance season.

What is the contact telephone number for the Public Works Department if I have a question or a concern?
During normal business hours: Monday -

Friday, 7:00 a.m. - 3:30 p.m., 847-459-2544. After hours, weekends and on holidays: 847-459-2550 (this is the non-emergency Police Department number).

What are the "stripes" I see running down my street before a storm event?

Residents should expect to see "stripes" on the road prior to winter storm events, as the Public Works Department will be completing an anti-icing, pre-treatment to roads throughout the community. Anti-icing is a cost-effective, proactive first step toward drivable roads during storm events. This effort helps to melt falling snow, and prevents the bond between the road surface and snow from forming. These stripes allow plows to cut all the way down to the pavement surface as they move down the road.

Why is snow pushed into my driveway by the plow?

This is an unavoidable inconvenience. During periods of snow, plows will clear the roads moving from the "crown" of the road (or middle of the road) toward the outside curb. Plowing activities will continue until

all the snow has been removed from the road. During long snow events, this clearing may result in multiple plowing passes from the middle, all the way to the curb, and could result in large deposits along the road easement (or road edge) including driveway aprons.

Am I permitted to shovel or snow blow my driveway into the street?

No, this activity is prohibited by Village ordinance and is subject to a fine. In addition, residents who deposit snow into the road from their driveway or sidewalk assume liability in the case of an accident or injury resulting from this act. Residents are encouraged to shovel or snow blow driveway snow "downstream" from the direction of traffic (to the right facing the road from the garage).

When should I move my car off the street?

The Village parking restrictions are clearly marked on posted signs throughout each neighborhood. In addition to the restrictions outlined on the posted signs, parking restrictions go into effect as soon as plowing operations have started. Residents are encouraged to shovel or snow-blow driveway snow "downstream" from the direction of traffic to the right (facing the road at a garage).

What is the contact telephone number for the Public Works Department if I have a question or a concern?

During normal business hours: Monday -

Friday, 7:00 a.m. - 3:30 p.m., 847-459-2544. After hours, weekends and on holidays: 847-459-2550 (this is the non-emergency Police Department number).

What are the "stripes" I see running down my street before a storm event?

Residents should expect to see "stripes" on the road prior to winter storm events, as the Public Works Department will be completing an anti-icing, pre-treatment to roads throughout the community. Anti-icing is a cost-effective, proactive first step toward drivable roads during storm events. This effort helps to melt falling snow, and prevents the bond between the road surface and snow from forming. These stripes allow plows to cut all the way down to the pavement surface as they move down the road.

Why is snow pushed into my driveway by the plow?

This is an unavoidable inconvenience. During periods of snow, plows will clear the roads moving from the "crown" of the road (or middle of the road) toward the outside curb. Plowing activities will continue until

all the snow has been removed from the road. During long snow events, this clearing may result in multiple plowing passes from the middle, all the way to the curb, and could result in large deposits along the road easement (or road edge) including driveway aprons.

Am I permitted to shovel or snow blow my driveway into the street?

No, this activity is prohibited by Village ordinance and is subject to a fine. In addition, residents who deposit snow into the road from their driveway or sidewalk assume liability in the case of an accident or injury resulting from this act. Residents are encouraged to shovel or snow blow driveway snow "downstream" from the direction of traffic (to the right facing the road from the garage).

When should I move my car off the street?

The Village parking restrictions are clearly marked on posted signs throughout each neighborhood. In addition to the restrictions outlined on the posted signs, parking restrictions go into effect as soon as plowing operations have started. Residents are encouraged to shovel or snow-blow driveway snow "downstream" from the direction of traffic to the right (facing the road at a garage).



Did You Know? Snow is not actually white!

That's right. Snow is actually clear. Snowflakes are made out of ice crystals, so when light passes through, it bends and bounces off each individual crystal. The entire spectrum of light is reflected back to our eyes, and we see white snow. So there's actually no such thing as a White Christmas, but that sounds a lot catchier than Translucent Christmas.

Another interesting fact is that all snowflakes have exactly six sides.

This information was taken from an article on www.fox.com by Daley Snowak


News letter



Chloride Reduction - Overview


Public Outreach

■ Social Media



Buffalo Grove Enews

Your Weekly Bulletin from the Village of Buffalo Grove



Village of Buffalo Grove


Hours of Operation

Monday
8:00 a.m. - 6:30 p.m.

Tuesday-Friday
8:00 a.m. - 4:30 p.m.

Closed on Saturdays and Sundays

www.vbg.org



Anti-Icing Efforts in Preparation for Weekend Snow

Due to light snow and below freezing temperatures in the forecast this weekend, the Buffalo Grove Public Works Department has begun anti-icing activities on all streets owned or maintained by the Village. The anti-icing process will leave "stripes" on the surface of the road when completed. This activity will be completed over the next couple of days, prior to the arrival of the forecasted weekend snow. The liquid used for anti-icing is a blend of several chlorides and blended sugar carbohydrates to help the material adhere to the pavement. The product is safe to drive and walk on, but may leave a light residue on shoes and tires, which can easily be cleaned with water. Any questions or comments regarding the anti-icing process should be directed to the Public Works Department during normal business hours, 7:00 a.m. until 3:30 p.m. at 847-459-2545.



Buffalo Grove Enews

Your Weekly Bulletin from the Village of Buffalo Grove

Special E-Communication: Be Prepared for Upcoming Weather

As many residents likely know, a wind chill advisory is in effect for northern Illinois and northwest Indiana now through Thursday morning due to dangerously cold temperatures/wind chills that will continue to drop over the next few days.

Exposed skin can cause frostbite and hypothermia within minutes. Residents should dress in layers, and use hats, gloves and scarves. Additionally, avoid being outside, or severely limit time outside, if at all possible. For up-to-date weather updates, please visit [this link](#).

The Village of Buffalo Grove will be **open** during normal business hours on Wednesday, January 30, 2019. Please stay safe out there and view additional safety tips [here](#).



Chloride Reduction - Overview

Public Outreach

- Village Web Site – vbg.org



Home • How Do I • Learn More About • Snow Plowing

Snow Plowing



Help! My mailbox was knocked down.

Submit an online request to have Public Works staff to inspect your downed mailbox. Select "Streets" then "Damaged Mailbox" in the next window.

[Click Here](#)

The Public Works Department has established a 8 hour cycle time for each snow route. This means that every street maintained by Buffalo Grove should be plowed from the center line to the curb every 8 hours during a snow event. The goal for completion of snow and ice control activities is within 8 hours of the end of the storm. Various emergencies and equipment issues could cause a delay in these response goals, but they help set the departmental pace.

Damaged Mailboxes: During snow removal efforts, mailboxes may unfortunately be damaged or even knocked down by snow plows - but there is a way to address this issue. If the damage was caused by Buffalo Grove Public Works, the Department will repair or replace mailboxes and support posts that have been damaged. Until the time that these repairs or replacements can be completed, Public Works will provide a temporary post and mailbox so the resident can receive mail.

Who's Listening?



Bryan Beitzel

MAINTENANCE SUPERINTENDENT

51 Raupp Blvd
Buffalo Grove, IL 60089

Ph: 847-459-2545

Hours: 7:00 am - 3:30 pm Monday - Friday

[Email](#)

Snow and Ice Control Procedure





APWA Award - Overview

American Public Works Association

Excellence in Snow and Ice Control Award

Nomination Form & Supporting Data



THE VILLAGE OF

Buffalo Grove

ILLINOIS

Public Works Department

51 Raupp Blvd.
Buffalo Grove, IL 60089
Ph: 847-459-2547

February 1, 2016

- Materials & Handling
- Equipment
- Training
- Efficiency
- Community Outreach
- Technical
- Environmental



APWA Award - Overview

18

- Recipient of the 2016 APWA Excellence in Snow & Ice Control Award



Village of Buffalo Grove Public Works Department

Mike Reynolds, MPA, CFPF, CPWP-M
mreynolds@vbg.org
vbg.org
847-459-5537

Thank You!

