



# Durham Public Works

## Winter Newsletter

December 2022

### Christmas Tree Collection

Public Works Crews will be collecting Christmas trees that are placed curbside during the week of January 9<sup>th</sup> beginning at 7:00am. Crews will make one pass down each roadway. Trees will also be accepted at the Transfer Station on Tuesday's + Saturday's between 7:30am and 3:00pm.

### 2021-2022 Winter by the Numbers

- 24 Storms
- 40.6" of Snow
- 8.45" of Liquid
- 1, 12+" Storm
- 2 Nor'Easters
- 11,900 Lane Miles Plowed

### Durham Public Works Mission Statement

*We strive to enhance the quality of our residents' lives. We will work in partnership with residents, community organizations, and other Town departments. We will exercise sound financial and performance principals in the management of our Town's infrastructure. We will act with pride, vision, and accountability and we will react in readiness. We will listen....and respond.*



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## Message From The Public Works Director

On behalf of the entire Durham Public Works Team, I am pleased to provide you with the 2022 Public Works Annual Winter Newsletter, which contains project updates, useful website links and municipal solid waste collection program information and schedules.

In our continued efforts to promote sustainability, we have transitioned to primarily an electronically distributed newsletter. We encourage you to subscribe to the following link [Here](#) for Friday Updates that will include the Durham Public Works Newsletters upon publication. A limited number of printed copies will be available at the Durham Public Works offices, the Durham Public Library and the Durham Town Hall.

It's truly an honor and privilege to serve the residents, businesses and institutions of Durham while making our community a better place to live, work, study and recreate, consistent with our departmental mission.

Durham Public Works consists of 25 dedicated public works professionals managing the responsibilities of multiple divisions including Engineering, Highway, Solid Waste, Traffic Control, Buildings and Grounds, Equipment Maintenance, Water, Wastewater and GIS with a combined operating budget (FY2022) of \$6,033,850. The department provides numerous essential services to the Durham community that can be seen every day and delivers exceptional operational results in the face of ongoing supply chain and pandemic related interruptions. This includes solid waste and recycling collection, transfer station management, roadway maintenance, snow and ice control and grounds maintenance.

It's also worth noting that Durham Public Works plays a lead role in providing many other critical services for the Town that are not as evident but, are equally as important in ensuring a thriving community. These include facility maintenance, traffic signal management, installation of traffic signs and pavement markings, management of the Town's stormwater, water and wastewater distribution, collection and treatment systems, maintenance of Town cemeteries and public lands, engineering review and inspection of proposed development projects, Town election and special event support, maintenance of the Town's fleet of vehicles and heavy equipment, and design, permitting and funding acquisition for Town infrastructure improvement projects.

We extend our sincerest thanks for your support of the Durham Public Works Team. I encourage you to learn more about the department and the services we provide and the work we perform by visiting our Website, our GIS Public Map viewer or our solid waste and snow fighters story maps highlighted in this winter newsletter.

If you would like to provide any suggestions or would like to see a topic covered in our next newsletter, please do not hesitate to reach out to me directly by phone at (603) 868-5578 or by emailing [publicworks@ci.durham.nh.us](mailto:publicworks@ci.durham.nh.us).

Best Regards,  
Rich Reine M.S.C.E., CA,  
Public Works Director



# 2023 Public Works Project Spotlight



## MADBURY ROAD COMPLETE STREETS PROJECT

Madbury Road is approximately 6,500 feet in length and serves as a major arterial roadway in Durham with average daily traffic exceeding 4,500 vehicles. The roadway was transferred to Town ownership from the State of New Hampshire when U.S. Route 4 was upgraded many years ago. The roadway was last paved in 2009 at which time it received an overlay treatment.

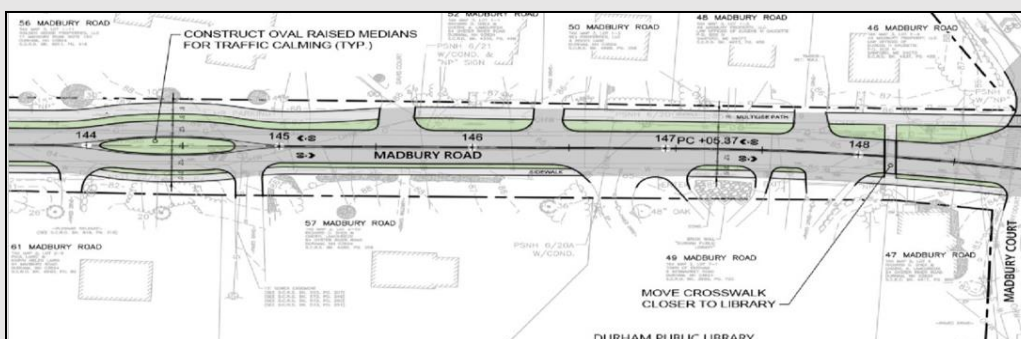
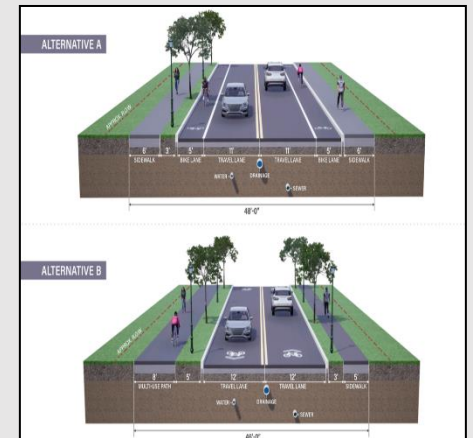
Currently, the roadway is in poor condition with significant pavement raveling, delamination, longitudinal and alligator cracking, rutting, settlement, and base failure. The sidewalks and curb ramps are ADA non-compliant and curb reveal is minimal or non-existent in some areas. The drainage system is undersized with drainage structures and drainage pipeline in a deteriorated condition.

On September 13th, 2021, the Town Council approved a contract award in the amount of \$1,142,898.00 to VHB Engineering to provide design engineering services for the reconstruction of Madbury Road. The Madbury Road design project team has taken a "Complete Streets" approach, which includes evaluating and constructing multi-modal transportation improvements where possible, including traffic calming and pedestrian and bicycle accommodations. The design will also include sustainable environmental techniques, materials, and approaches to construction of public infrastructure, incorporating low impact

development stormwater features, and environmentally conscious construction.

A robust public involvement component has been developed to ensure all stakeholder's perspectives are considered within the design and incorporated where possible. The project team has developed a GIS "Story Map" using interactive maps to solicit feedback and has hosted two public information meetings to share design concepts with project stakeholders.

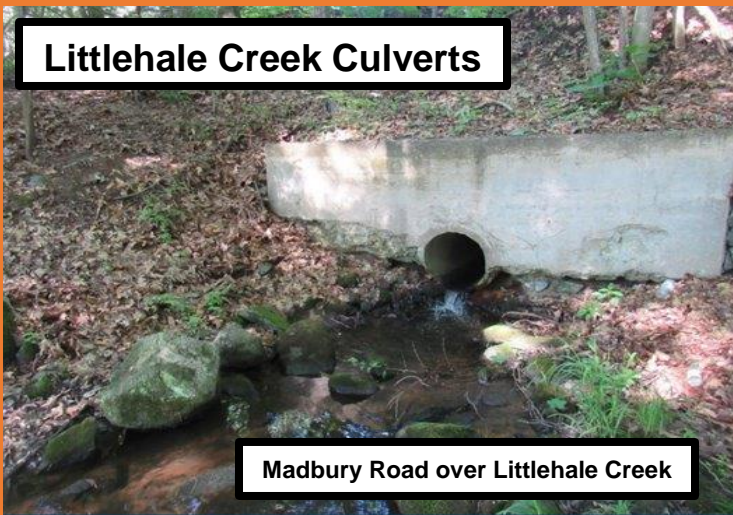
The project construction timeline includes four separate and distinct project phases beginning in 2023 and continuing through 2026. Project components include culvert rehabilitation and replacement, stormwater and drainage system reconstruction, water distribution system and sewer collection system rehabilitation and replacement, and roadway, sidewalk, streetscape reconstruction. Durham Public Works continues to aggressively pursue grant and principal forgiveness opportunities and has been successful in receiving \$800,000 in American Rescue Plan Act (ARPA) Funding and principal forgiveness thus far through the State Revolving Loan Fund Program. The proposed funding requests over Fiscal Year 2023 through Fiscal Year 2026 provide the necessary funding to construct the Madbury Road Complete Streets Project Improvements.





# 2023 Public Works Project Spotlight

## Littlehale Creek Culverts



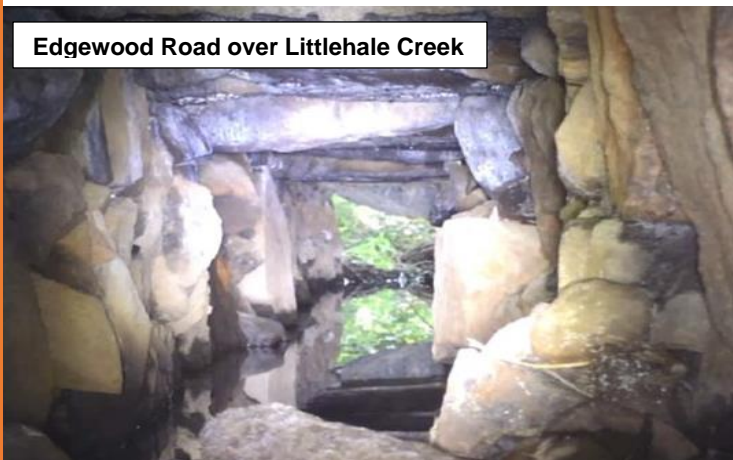
Madbury Road over Littlehale Creek

The first project phase of the Madbury Road Complete Streets Project will include stormwater infrastructure improvements on three culverts in 2023: Madbury Road over Littlehale Creek, Edgewood Road over Littlehale Creek, and Edgewood Road over Pettee Brook.

The Littlehale Creek culvert crossing under Madbury Road is a 24-inch reinforced concrete pipe and is approximately 67 feet long. A significant void was located in a section of the pipe and the concrete headwalls are spalling in several areas. Construction will include adhering a structural epoxy membrane liner to the inside of the pipe, as well as slope stabilizations and extending the length of the culvert outfall.

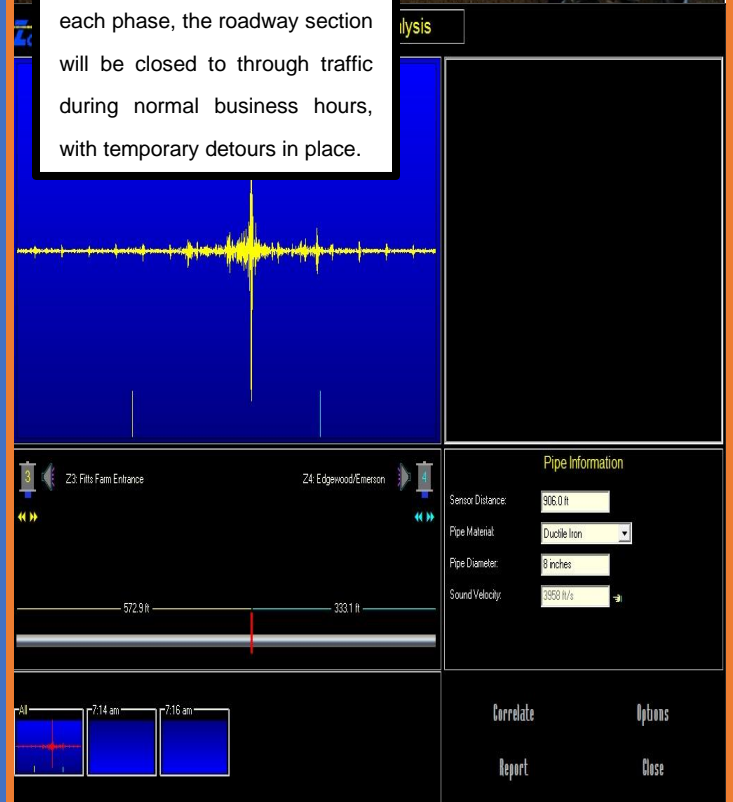
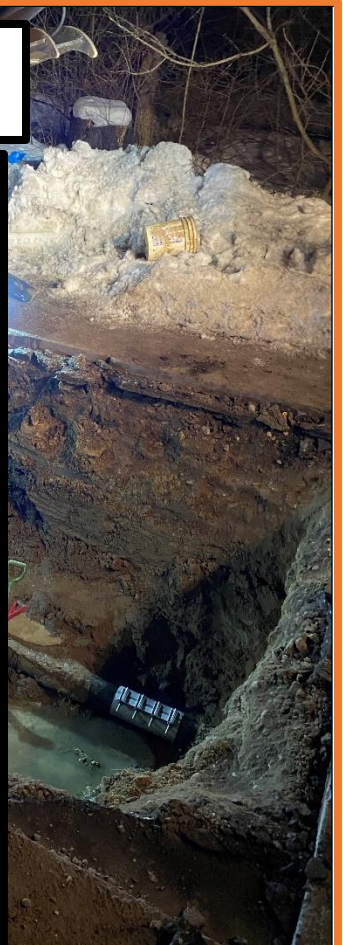
The Littlehale Creek Culvert crossing under Madbury Road is a stacked stone box culvert that is approximately 32"x32" and roughly 72 feet long. The structure is significantly deteriorated with partially collapsed headwalls and missing stones. This culvert will be completely replaced with a new concrete box structure. Edgewood Road will be closed in the vicinity of the culvert for an extended period of time in the Spring/Summer to facilitate this project.

## Edgewood Road over Littlehale Creek



## Emerson Road Watermain Project

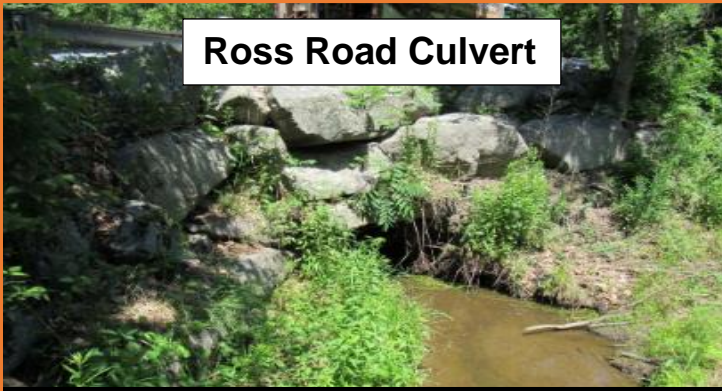
The Emerson Road Watermain Project consists of the replacement of approximately 2,500 linear feet of 6" and 8" cast iron piping, extending between Madbury Road and the westerly entrance of Littlehale Road. The watermain has experienced significant break history recently with five water main breaks in as many years. Durham Public Works awarded a contract to Pichette Brothers Construction with construction scheduled to begin in Spring 2023. The project will be completed in two phases (Edgewood to Madbury and Edgewood to Littlehale). During each phase, the roadway section will be closed to through traffic during normal business hours, with temporary detours in place.





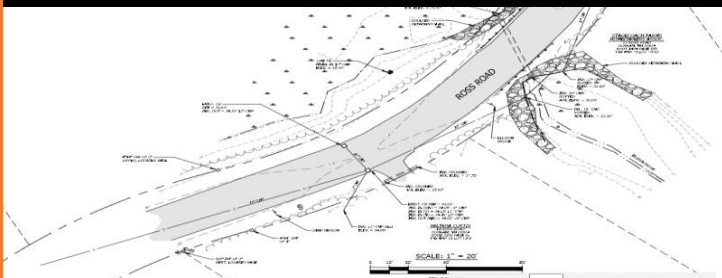
# 2023 Public Works Project Spotlight

## Ross Road Culvert



The Ross Road over Ellison Brook culvert replacement project is scheduled for 2023. The approximately 30" corrugated metal pipe contains a stacked stone headwall. The pipe is in very poor condition with a completely caved in and partially crushed outlet section of pipe. A video inspection completed earlier this year revealed heavy corrosion and deterioration on the walls throughout the length of the pipe. Multiple voids were also identified at both the inlet and outlet.

The culvert is scheduled for removal and replacement with a concrete box structure during the 2023 construction season. The project will be phased to allow one lane of traffic flow at all times.



## Pavement Preservation



A critical component of a successful road program is adequate investments in pavement preservation. Crack sealing is one pavement maintenance operation which will prevent water infiltration into the roadway base causing premature roadway failure. Several roadways will receive a crack seal treatment in 2023, including Edgewood, Mill Pond, Faculty, Longmarsh, and Canney Roads.

Additionally, targeted milling and paving is a pavement preservation approach that addresses small sections of a roadway which are experiencing block cracking or delaminations. Sections of Durham Point Road and Wiswall Road will receive this treatment in 2023.



## Sidewalk Replacement



The rehabilitation and replacement of existing sidewalks and curb ramps is a critical component of the Town's multi-modal transportation network. The 2023 sidewalk program consists of construction and improvements to the sidewalks located on the southern side of Main Street from Smith Park Lane to Mill Pond Road.



# Snow + Ice Information



Durham Public Works has created an Interactive Public Viewer using the ESRI ArcGIS online GIS platform outlining its policies for snow and ice control operations which can be viewed [here](#). Residents and other interested parties are encouraged to familiarize themselves with the content as it describes the roadway and sidewalk conditions that one might expect to encounter before, during, and after a winter storm event.

## Frequently Asked Questions

### ***Why do I have so much snow piled in front of my driveway but my neighbor across the street does not?***

It is most efficient for the plow truck to enter your neighborhood from the nearest main cross street and plow each road in the development taking a right at every intersection. The front plow and wing plow span is 18 feet across, and a typical road is 24 feet wide. Homes which are driven by first will receive  $\frac{3}{4}$  of the snow on the roadway.

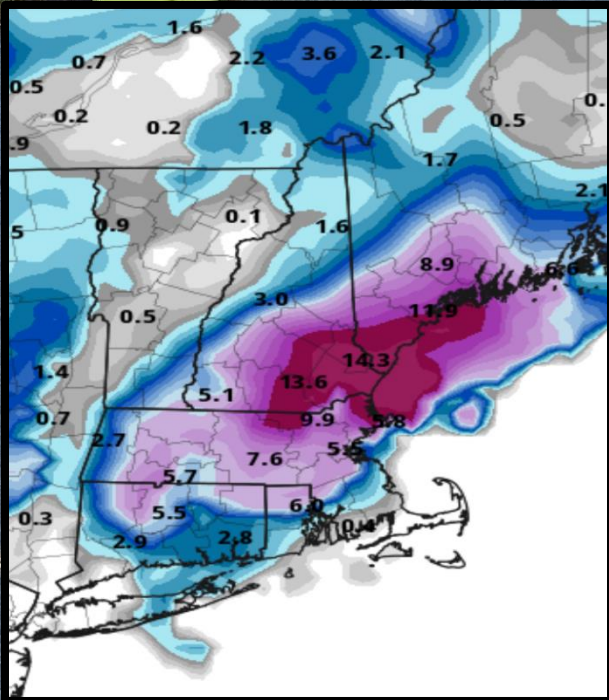
### ***Why is the sidewalk in front of my house not plowed?***

#### ***Pedestrians are walking on the road.***

During very large snow events, it can be very difficult to keep sidewalks completely free of ice and snow. Most of this snow comes from the roadway. The Public Works Department makes every effort possible to keep the windrow of snow from the roadway contained to the shoulder between the road and sidewalk. This is not possible when we receive more than 6" of snow.

### ***My mailbox was broken by the plow truck. Am I responsible for fixing it?***

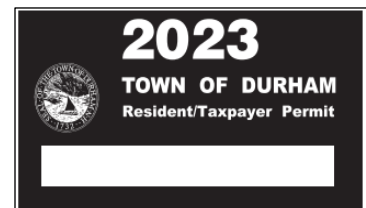
Mailboxes are often damaged during the winter. Untreated wooden posts only have a life expectancy of 2 to 3 years and can rot at the ground becoming easily knocked over by heavy snow. Homeowners should check post conditions and mailboxes in the fall to avoid damage during the winter, ensuring that they are sturdy and back far enough away from the road so that snowbanks will not damage them. Replacing a rotten post is the homeowner's responsibility. Occasionally the snowplow may accidentally nick a mailbox. If your mailbox is hit during a storm, the Public Works Department will do its best to make temporary repairs after the storm ends. If it needs replacement, we will replace it with a standard mailbox when possible. Please visit [here](#) for additional details.



# Solid Waste and Recycling Information



- 1) The Raymond A. LaRoche, Sr. Transfer Station and Recycling Center located at 100 Durham Point Road is open Tuesday's and Saturday's from 7:30am – 3:00pm.
- 2) The Linda Hollister Swap Shop located at the Raymond A. LaRoche, Sr. Transfer Station and Recycling Center closed for the season on December 10<sup>th</sup>. It will re-open in the Spring on a to-be-determined date.
- 3) Durham Public Works in conjunction with the Integrated Waste Management Advisory Committee, has created an Interactive Public Viewer using the ESRI ArcGIS online GIS platform which can be viewed [here](#). Residents are encouraged to familiarize themselves with the content as it describes the Department's policies and procedures for recycling and solid waste operations.



2023 Transfer Station Permits are now available at Durham Public Works or the Town Clerk / Tax Collectors's Office at Town Hall. This permit is required for entry and is available free of charge for Durham residents.

## FEE SCHEDULE

### Bulky Waste and Construction Debris:

- Single Item - \$15.00
- Regular Pick-Up Load - \$30.00
- 1-Ton Load - \$45.00
- Dump Trailer Load - \$85.00

### Electronics/Appliances:

\*Applies to all appliances which contain a refrigerant and devices with a screen\*

- \$15.00/Item

\*Coupons available for cash/check at DPW or by check only at the Transfer Station\*



## RAYMOND A. LAROCHE, SR. TRANSFER STATION

Permit # DES-SW-90-008

HOURS OF OPERATION: TUESDAY AND SATURDAY, 7:30AM - 3:00PM  
Please plan your arrival 15 minutes before closing. (SEASONAL EXCLUSIONS MAY APPLY)

**A PERMIT IS REQUIRED TO USE THIS FACILITY**  
Town of Durham Residents Only

Accepting Mixed Municipal Solid Waste, Source Separated Recyclables, Universal Waste, Used Motor Oil, Brush, Yard Waste & Compost. Unlawful Dumping Will Be Subject To Fine And Prosecution.

Town of Durham, 8 Newmarket Road, Durham, NH 03824, 603-868-5571, Durham Public Works: 603-868-5578





HOLIDAY	TOWN HOLIDAY DATE	COLLECTION DATE
New Year's Day 2023	Mon, Jan 2, 2023	*NO COLLECTION ON MONDAY- DELAYED ONE DAY ALL WEEK- MON COLLECTION ON TUES, TUES ON WED, ETC.
Martin Luther King/Civil Rights Day	Mon, Jan 16, 2023	Mon, Jan 16, 2023 - NO CHANGES
Memorial Day	Mon, May 29, 2023	*NO COLLECTION ON MONDAY- DELAYED ONE DAY ALL WEEK- MON COLLECTION ON TUES, TUES ON WED, ETC.
Independence Day	Tues, July 4, 2023	*NO COLLECTION ON TUESDAY- DELAYED ONE DAY ALL WEEK- TUES COLLECTION ON WED, WED ON THURS, ETC. *NO COMMERCIAL COLLECTION FRI 7/7/23.
Labor Day	Mon, Sept 4, 2023	Mon, Sept 4, 2023- NO CHANGES
Indigenous Peoples' Day	Mon, Oct 9, 2023	Mon, Oct 9, 2023- NO CHANGES
Veteran's Day	Fri, Nov 10, 2023	Fri, Nov 10, 2023- NO CHANGES
Thanksgiving	Thu, Nov 23, 2023	*NO COLLECTION THURSDAY 11/23, PUSHED FORWARD TO FRIDAY 11/24/23.
	Fri, Nov 24, 2023	*NO COMMERCIAL COLLECTION
Christmas	Mon, Dec 25, 2023	*NO COLLECTION ON MONDAY- DELAYED ONE DAY ALL WEEK- MON COLLECTION ON TUES, TUES ON WED, ETC. *TRANSFER STATION CLOSED SAT 12/23/23. NO COMMERCIAL COLLECTION FRI 12/29/23.
	Tues, Dec 26, 2023	*TRANSFER STATION OPEN



# 2023 RECYCLING COLLECTION CALENDAR

	Fiber Recyclables: Corrugated Cardboard, Mixed Paper and Newspaper
	Co-Mingled Recyclables: Plastic, Glass and Cans

JANUARY						
S	M	T	W	T	F	S
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29	30	31				

FEBRUARY						
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MARCH						
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APRIL						
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MAY						
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28	29	30	31			

JUNE						
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JULY						
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AUGUST						
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SEPTEMBER						
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OCTOBER						
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NOVEMBER						
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26	27	28	29	30		

DECEMBER						
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24/31	25	26	27	28	29	30

INDICATES WHERE CURBSIDE SCHEDULE WILL CHANGE, SEE HOLIDAY SCHEDULE ABOVE.

INDICATES TRANSFER STATION CLOSED - TUESDAY, JULY 4TH AND SATURDAY, DECEMBER 23RD.

\* TRANSFER STATION WILL BE OPEN FROM 7:30AM - 3PM ON WEDNESDAY JULY 5TH AND THURSDAY DECEMBER 21ST.