



**AGENDA
CITY OF CEDAR FALLS, IOWA
COMMITTEE OF THE WHOLE MEETING
MONDAY, SEPTEMBER 21, 2020
6:00 PM AT CITY HALL**

The meeting will ALSO be accessible via video conference and the public may access/participate in the meeting in the following ways:

- a) By dialing the phone number +13126266799 or +19292056099 or +12532158782 or +13017158592 or +13462487799 or +16699006833 and when prompted, enter the meeting ID (access code) 962 7287 1738.
- b) iPhone one-tap: +13126266799,,96272871738# or +19292056099,,96272871738#
- c) Join via smartphone or computer using this link: <https://zoom.us/j/96272871738>.
- d) View the live stream on Channel 15 YouTube using this link: <https://www.youtube.com/channel/UCCzeig5nIS-dIEYisqah1uQ> (view only).
- e) Watch on Cedar Falls Cable Channel 15 (view only).

To request to speak when allowed on the agenda, participants must click "Raise Hand" if connected by smartphone or computer, or press *9 if connected by telephone. All participants will be muted by the presiding officer when not actually speaking.

1. Refuse Rate Study.
(30 Minutes)

2. Snow Removal on Trails.
(30 Minutes)



DEPARTMENT OF PUBLIC WORKS

MEMORANDUM

PUBLIC WORKS
ADMINISTRATION
2200 TECHNOLOGY PKWY
CEDAR FALLS, IOWA 50613
319-273-8629
FAX 319-273-8632

OPER/MAINT DIVISION
2200 TECHNOLOGY PKWY
319-273-8629
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TO: Mayor Rob Green and City Council
FROM: Brian Heath, Oper/Maint Division Manager
DATE: September 17, 2020
SUBJECT: Committee of the Whole Presentation – Refuse Rate Study

During the committee of the whole meeting on September 21st, you will be presented with a refuse related update and rate study. This presentation will cover current operations & costs, and proposed rate changes.

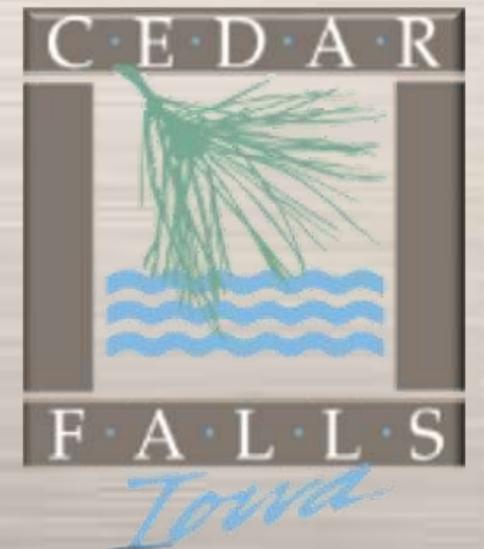
If you have questions or comments prior to the meeting please feel free to contact me.

Cc; Chase Schrage, Director of Public Works

Refuse Rate Study

***Presentation to
Committee of the Whole***

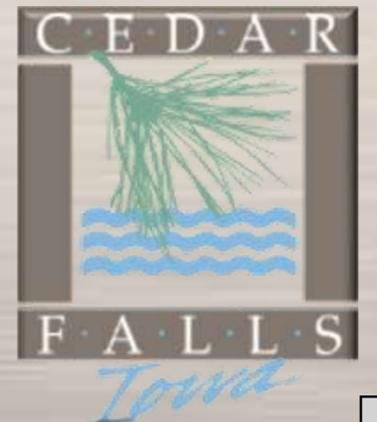
Sept 21, 2020



Purpose of Study

Review Refuse Services

- **Review Current Status and Rates**
- **Review Proposed Rate Increases**
- **Review Refuse Fund Summary**



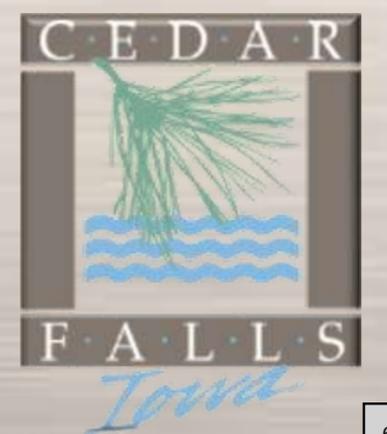
Automated Routes

- **FY2020 - 12,068 Automated Refuse Collection Accounts**
- **7,667 tons collected**
- **Last rate increase for curbside collection service was in July 2008**

Rate History Automated Routes

- **32 Gal. \$8.50**
- **68 Gal. \$14.00**
- **95 Gal. \$20.50**

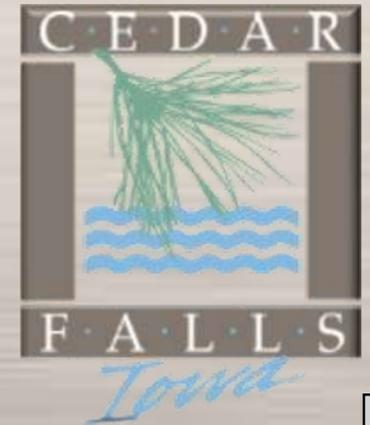
- **Increases in July 2008**
 - **32 Gal. Increase to \$9.00**
 - **68 Gal. Increase to \$17.00**
 - **95 Gal. Increase to \$26.50**



Automated Routes Proposed

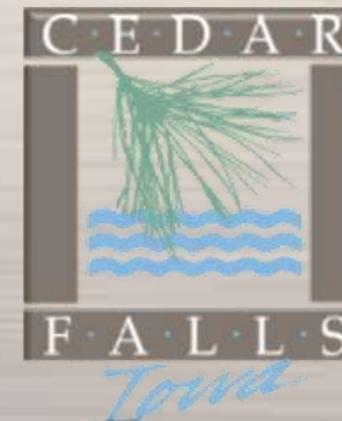
Proposed 2.5% increase for two years, beginning January 2021

	2-year Annual Increase of 2.5%		
		New	New
Container	Current Rate	1/1/2021 2.5% Increase	1/1/2022 2.5% Increase
32 Gallons	\$9.00	\$9.23	\$9.46
68 Gallons	\$17.00	\$17.43	\$17.86
95 Gallons	\$26.50	\$27.16	\$27.84



Automated Routes Proposed

Increase in Refuse Cost for Residential Home Medium Cart (Most Popular)				
		<u>Current Rate</u>	<u>2.5% Inc. 2021 Rate</u>	<u>2.5% Inc. 2022 Rate</u>
Total Monthly Cost	\$	17.00	\$ 17.43	\$ 17.86
Total Annual Cost	\$	204.00	\$ 209.16	\$ 214.32
Avg Increase in Monthly Cost			\$ 0.43	\$ 0.86
Avg Increase in Annual Cost			\$ 5.16	\$ 10.32

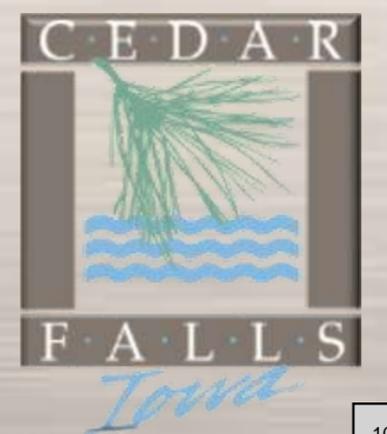


Automated Routes

- **One-side routes implemented October 2015 – 82 streets in program**
 - **Enhance collection efficiency and reduce the impact on the environment**
 - **Annual growth approx. 100 new homes per year**
 - **Currently able to sustain 3 daily truck routes**

Rate History Black Hawk Co. Landfill

- **2008 - 2014 \$33.25/ton**
- **July 2015 \$34.25/ton**
- **July 2016 \$36.25/ton**
- **July 2017 \$38.25/ton**
- **July 2018 \$40.25/ton**
- **July 2019 \$42.25/ton**
- **No increase in 2020**

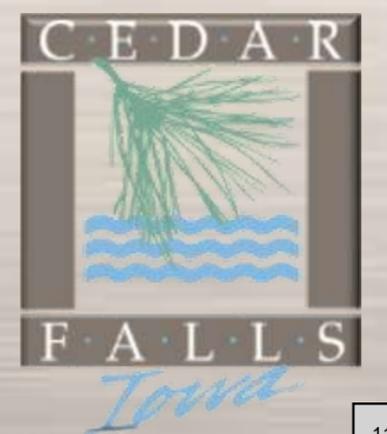


Proposed Solid Waste

- **Transfer Station drop off of Solid Waste**
 - **Household SW \$57.50/ton**
 - **Demolition SW \$59.15/ton**

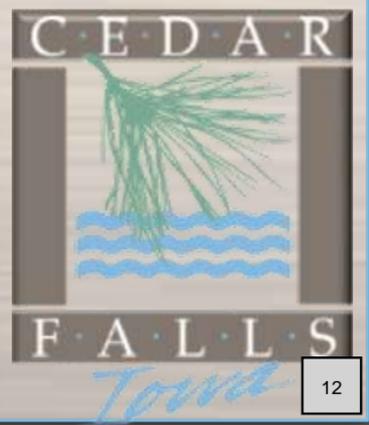
Proposed Change January 2021

- **Household/Demolition \$65.00/ton**



Rate History Solid Waste

- **Transfer Station drop off of Solid Waste**
 - **< 260 Pounds \$5.50 per drop off prior to 2008**
 - **< 260 Pounds Increase July 2008; \$7.00**
- Proposed Change < 220 Pounds Jan 2021;**
Users charged \$7.00 minimum fee
(Single bags \$1.00 ea)

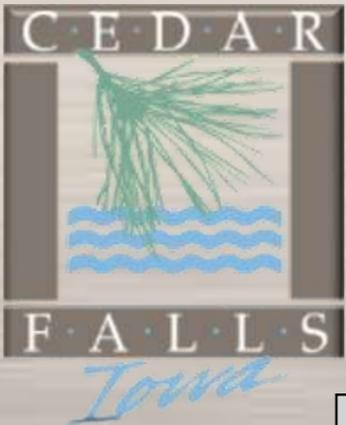


Rate History UNI Solid Waste

- **UNI Usage of Transfer Station**
 - **\$42.25/ton**
 - **This is same rate as BH County Landfill; City has not kept up with rate increases.**

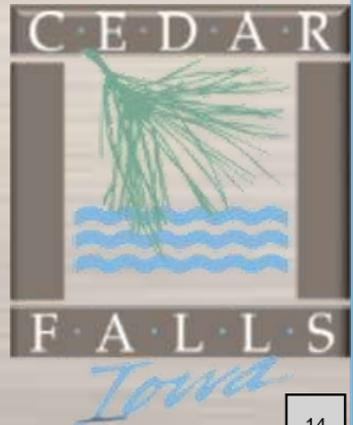
Proposed Change January 2021:

- **Current Landfill rate + 9.00 per ton**



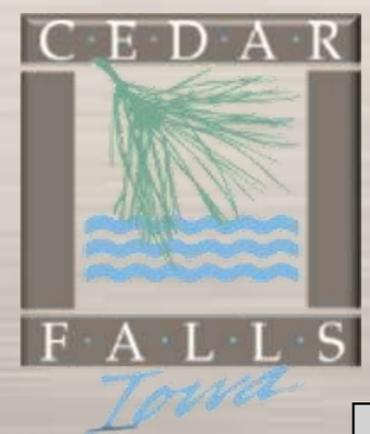
Rate History Asphalt Shingles Recycling

- **Transfer Station shingle recycling began in July 2014**
 - **Clean Shingles \$30.00/ton**
 - **Contaminated Shingles \$69.15/ton (included \$10 per ton service fee)**
 - **Proposed Change January 2021**
 - **Clean Shingles \$40.00/ton**
 - **Contaminated Shingles \$75.00/ton**



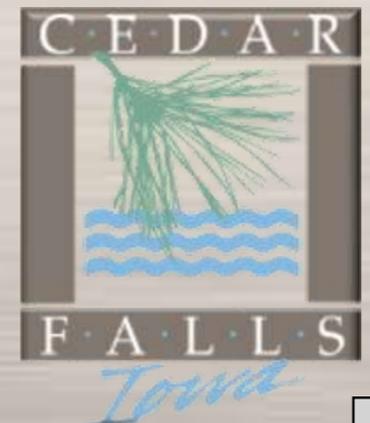
Yard Waste

- **FY2020 – 7,997 Automated YW Accounts**
- **30,958 YW carts collected in FY2020**
- **1,012 tons of YW diverted to Compost Site in FY2020**
- **Savings approximately \$34,000 in tipping fees.**



Yard Waste (con't)

- **Automated Route collection each Monday**
- **April, October & November reduced rate**
- **Leaf Vacuum Service by appointment during Oct/Nov**
 - **Leaves piled on Parking (behind curb)**
 - **\$50.00 fee**



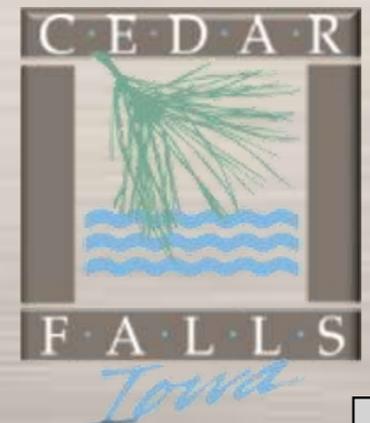
Yard Waste (con't)

- **Compost Site – managed by private contractor. This expedites the composting process, with no need to purchase additional expensive equipment.**
- **Open daily April thru mid December (weather permitting)**



Rate History Yard Waste

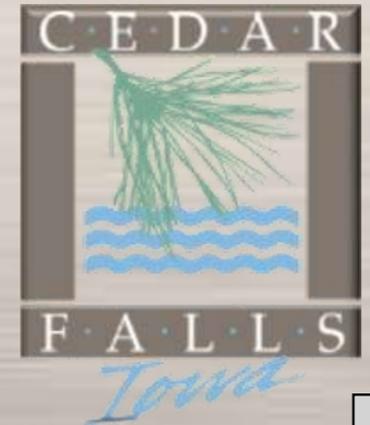
- **Transfer Station Drop Off of Yard Waste**
 - **\$.75/misc. container of yard waste**
 - **< 400 Pounds \$5.50 per drop off**
 - **< 400 Pounds Increase July 2008; \$7.00 per drop off**
 - **\$29.50/ton Yard Waste**
- **Residential Compost Site drop off – FREE**
- **No changes proposed**



Rate History Yard Waste (con't)

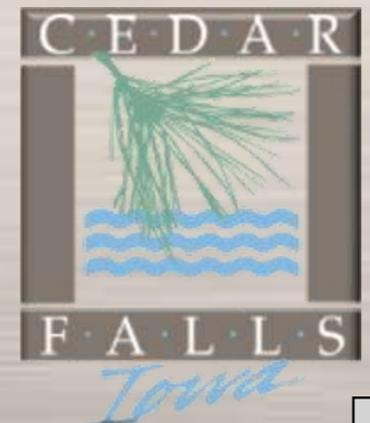
- **Automated Route - 95 gallon YW cart**
 - **Increase July 2008; from \$5.50 to \$7.00 per dump**
 - **Increase July 2013; \$10.00 per dump**
 - **January 2014 - Spring and Fall ½ price time periods; \$5.00 per dump**

No changes proposed



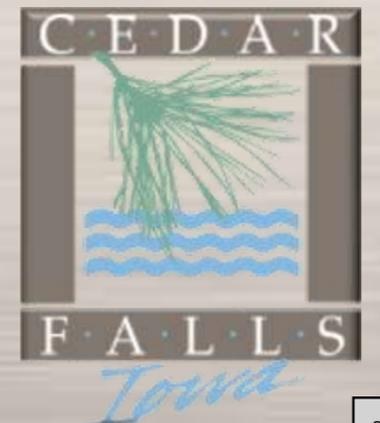
Recycling

- **Destination Drop-off Site Collection**
 - **UNI, Fareway, Greenhill Village, Orchard Hill Church, Black Hawk Village, Pointe West Apartments, Western Home, Main Street, and Recycling Center**
 - **Household recyclables – tin, glass, plastics, newspaper, cardboard, and Styrofoam**



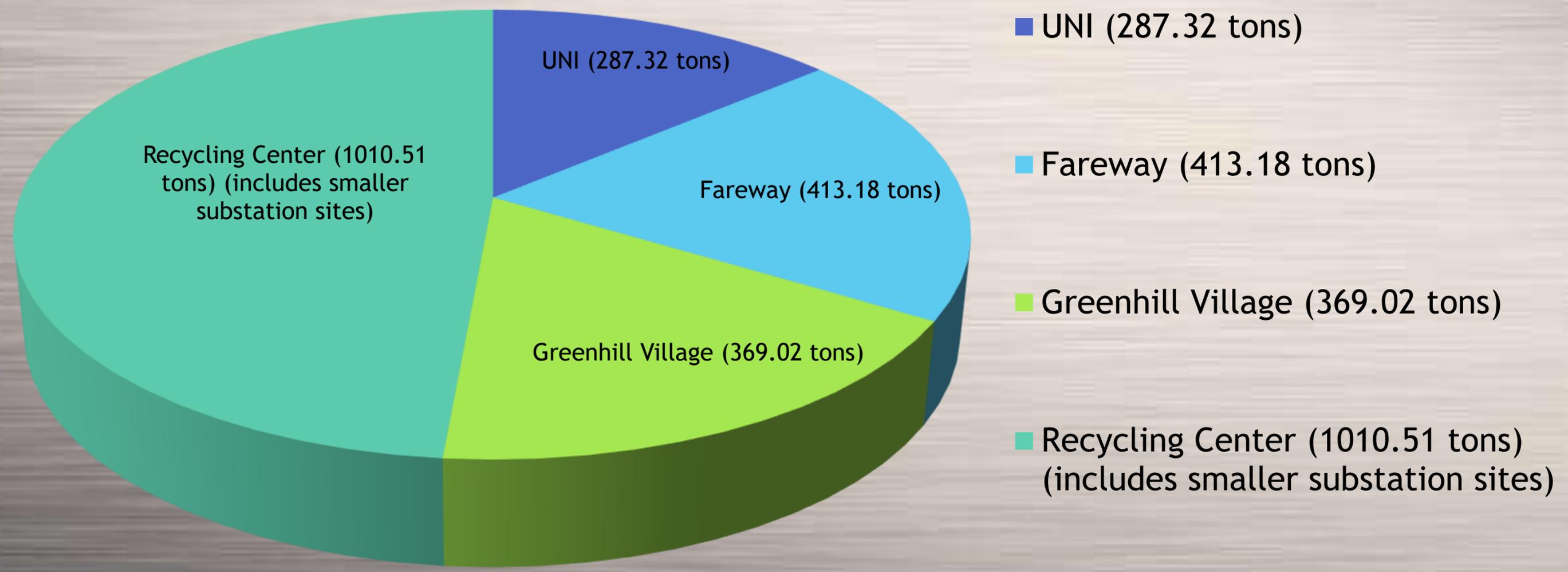
Recycling (con't)

- **Recycling Substations are free for residential use**
- **FY2020 2,080 tons were recycled**
- **FY2020 3,865.5 man hours**



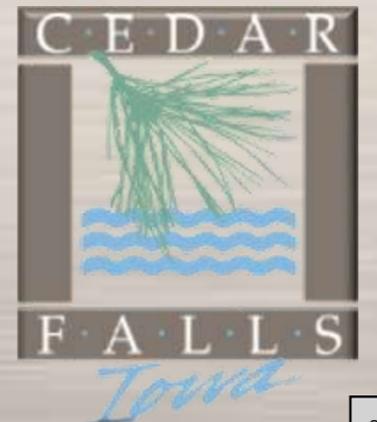
Recycling

Recycling Substations Drop-off Tonnage



Recycling Rate History

- **Currently no charge for bulk recycling commercial drop off**
- **Proposed fee; \$50 per load**



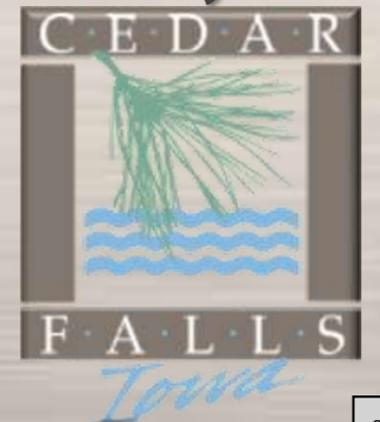
Rate History Bulk Pickup Items

- **Implemented bulk-pickup fee July 2013; \$5.00 per stop unlimited amount of items (plus additional fee for appliances, CRT monitors, and tires/rims)**
- **No charge for bulk items dropped off at Transfer Station (plus additional fee for appliances, CRT monitors, and tires/rims)**



Rate History Bulk Pickup Items

- **Proposed fee; \$10.00 for up to 10 items** (plus additional fee for appliances, CRT monitors, and tires/rims)
- **Bulk Items dropped off at Transfer Station now charged by weight (using solid waste fee schedule)** (plus additional fee for appliances, CRT monitors, and tires/rims)



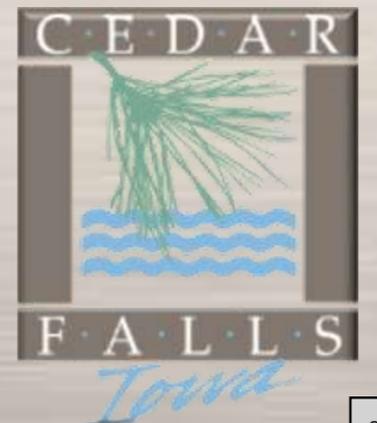
Appliances

- **FY2020 Appliances 3,930 or 198.74 tons**
- **All types of appliances; \$5/each**
- **July 2008 increase; \$7.50/each**
- **Proposed increase; \$10.00/each**



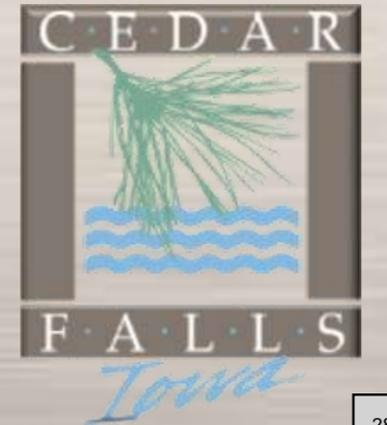
Rate History Tires/Rims

- **Auto tire \$2.50/each**
- **Truck tire \$6.50/each**
- **Auto tire & rim \$5/each**
- **Truck tire & rim \$9/each**
- **No Change for 2021**



Rate History TV/CRT Monitors

- **Computers & Televisions**
- **Increasing costs to dispose of and less credit received**
- **New fee in July 2013; \$5.00/each**
- **Proposed increase; \$7.50/each**



Container Dumpsters

- **Continue to have a waiting list for residential rental container dumpsters**
- **Review pricing to be more competitive or possibly do away with this service and let private companies service.**

Rate History Container Dumpsters

- **3-yard containers for commercial & apartment complexes and residential use; \$35.00/each time serviced**
- **Proposed increases: \$18/year for 5-years**
 - \$53/ea. CY2021**
 - \$71/ea. CY2022**
 - \$89/ea. CY2023**
 - \$107/ea. CY2024**
 - \$125/ea. CY2025**

Rate History Cardboard Containers

- **Dumping of Commercial Cardboard Containers**

\$10.00/month; regardless if weekly, once a month, twice a month,

- **Proposed increase; \$10 per pick up**



Refuse Summary

- **2.5% increase for Residential Carts for next 2-years**
- **5-year Phased in Container increase**
- **Tipping fee increase at Transfer Station to \$65.00 per ton**
- **UNI increase consistent with landfill rates (+\$9.00 per ton)**
- **\$50.00 tip fee for bulk commercial recycling**

Refuse Summary (cont.)

- **Cardboard container service from \$10.00 per month to \$10.00 per dump**
- **Clean Shingle Recycling fee increase to \$40.00 per ton (contaminated rate from \$69.15 to \$75.00 per ton)**
- **Appliances increase from \$7.50 to \$10.00**
- **TV/CRT increase from \$5.00 to \$7.50**

History of Fund

- **Fund has been self-supporting**
 - **Residential User Fees are used to support other refuse related services, such as**
 - **Recycling center operations**
 - **Yard waste collection**
 - **Leaf pickup**
 - **Bulk pick up**
 - **Street cleaning**
 - **Flood cleanup**



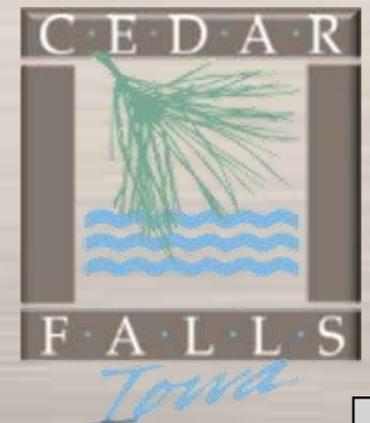
History of Fund

- **Since opening/expansion of the Compost Site, yard waste operations are breaking even. Where in the past yard waste was in the red.**
- **Community recycling increases as remote sites have been added.**
- **Both Recycling and Compost Site operations divert significant amount of materials from the landfill**



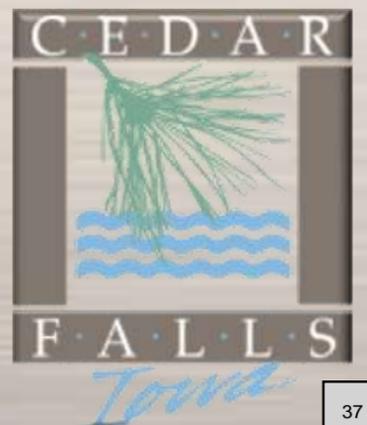
Summary

- **Growing interest in smart environmental practices**
- **Continue City's marketing and public relations of the refuse programs**



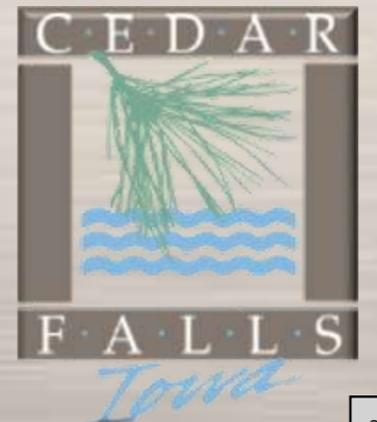
Summary

- **Rate Proposal Accomplishments:**
 - **Provides for better a cash flow for certain refuse services**
 - **Maintain adequate cash reserves**

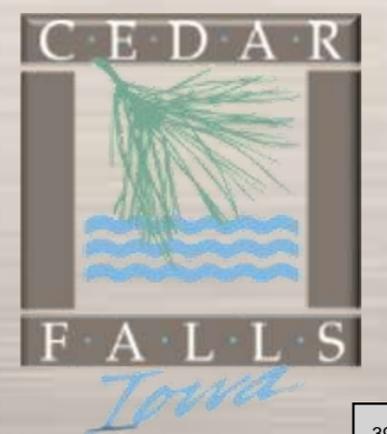


Motion

- **To proceed with drafting refuse rate ordinance implementing the recommended rate increases included in this presentation.**



Questions





MEMORANDUM

PUBLIC WORKS
ADMINISTRATION
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TO: Mayor Rob Green and City Council
FROM: Brian Heath, Oper/Maint Division Manager *BH*
DATE: September 16, 2020
SUBJECT: Committee of the Whole Presentation – Winter Trail
Maintenance Update

During the committee of the whole meeting on September 21st, you will be presented with a brief update on winter recreation trail maintenance.

This presentation is intended as an update only and will cover information related to current and future winter operating procedures on recreation trails.

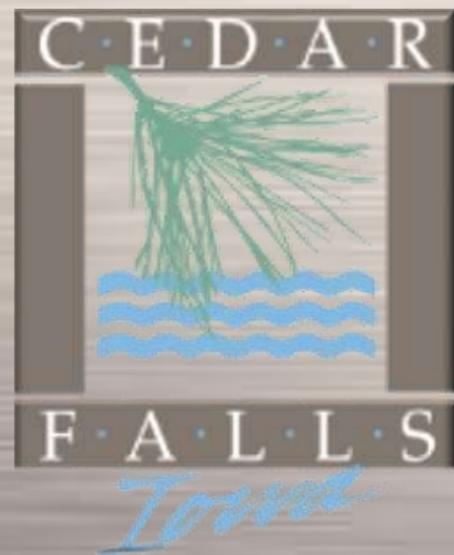
If you have questions or comments prior to the meeting please feel free to contact me.

Trail Snow Removal Public Works Department

Committee of the Whole Meeting



September 21, 2020



Trail Snow Removal

Agenda

- **Current trail clearing locations and recent additions**
- **Future proposed locations**
- **Equipment usage**
- **Average cost per mile/event**
- **Benefits/Challenges**
- **Summary**

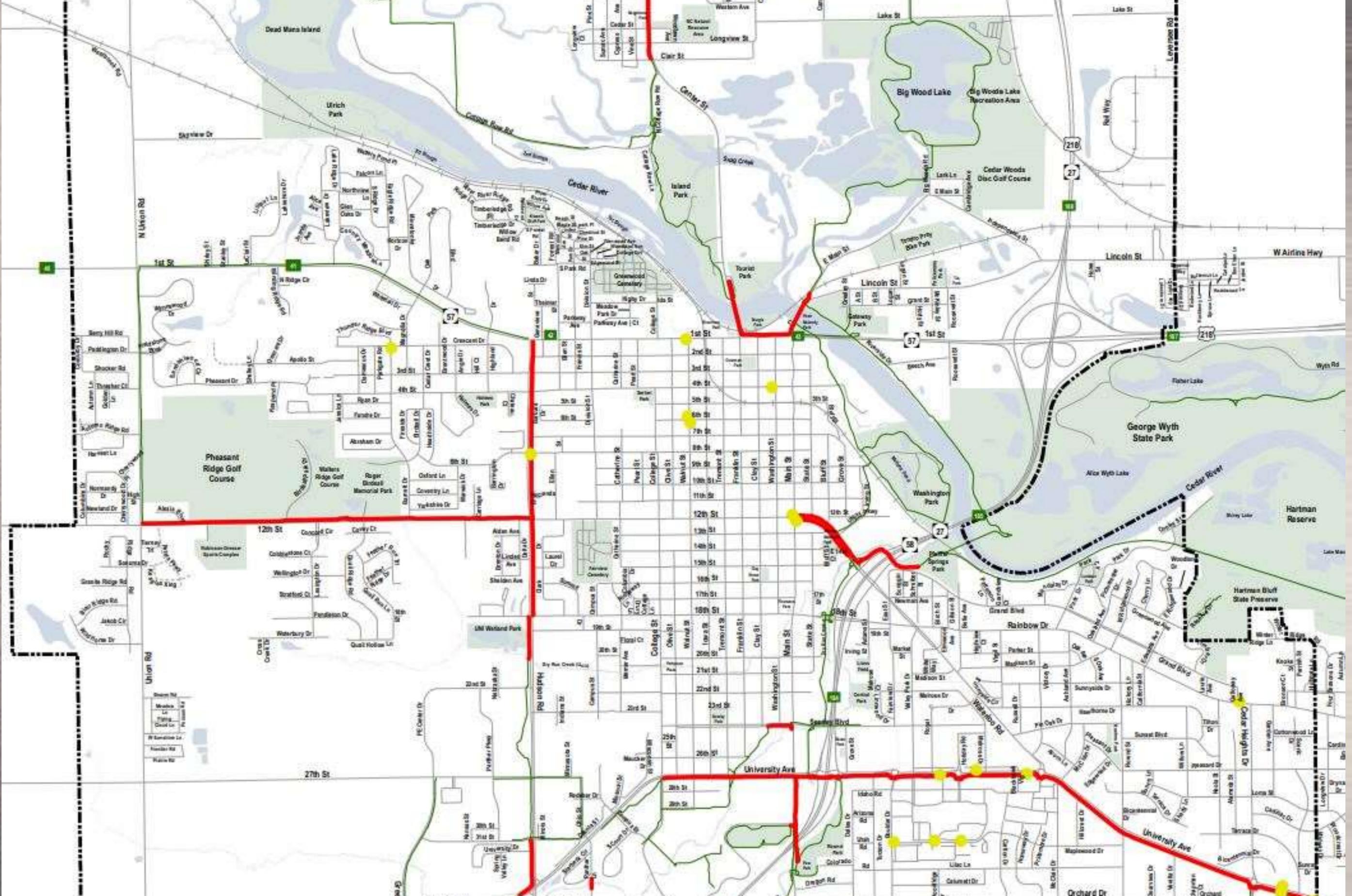
Trail Snow Removal

Current Clearing Locations

- Lone Tree Road – Center St. to Hiawatha Rd.
- Center Street - Lone Tree Rd. to Clair St.
- Downtown River Bridges – Tourist Park, 1st St., E. Main St.
- Waterloo Rd. – Main St. to Hwy 58 (both sides)
- Pfeiffer Park Connection – Waterloo Rd. to Pfeiffer Park.
- Hudson Road – 1st St. to 2000 Block (UNI)
- 12th St. – Hudson Rd. to Union Rd.
- University Ave. – College St. to E. City Limit
- S. Main St. – University Ave. to Paw Park

(red indicates new areas added last winter)

12.5 trail miles approximate (1.2 miles added in 2019)

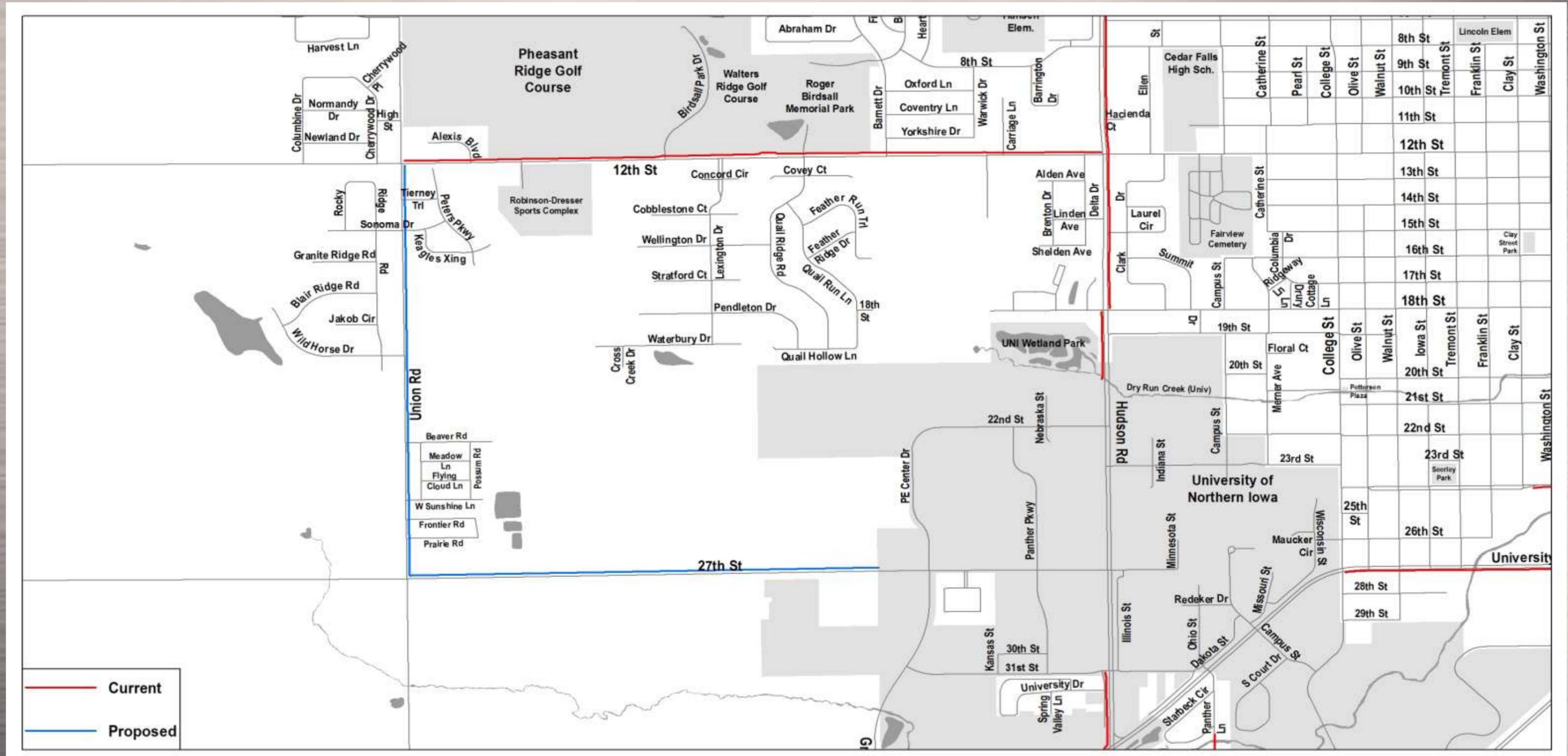


Future Proposed Clearing Locations

- **Union Road – 12th St. to 27th St.**
- **27th Street – Hudson Rd. to Union Rd. (3 phases)**

2 trail miles

Future Trail Snow Removal



Trail Snow Removal

Trail Snow Removal – Equipment

Required

- **Broom attachment (light conditions)**
- **Skidloader/blower**
- **Bobcat Tool Cat with plow/blower**
- **Polar Trac (Converted mower) with blower**

Occasional use

- **Pickup truck with “V” plow**

Trail Snow Removal

Trail Snow Removal – Current

- Clearing of 12.5 miles mainly in front of city owned property, near schools and University Ave.
- 36 man-hours to clear a typical 3 inch snowfall (8- 9 hours avg.)

Trail Snow Removal – Typical Schedule

- Plowing of priority city streets
- Clearing sidewalks/parking lots/trails around public buildings and schools
- Clearing of remaining trails in high pedestrian areas
- Total time is dependent on weather conditions and accumulation amounts.

Trail Snow Removal

Benefits

- Additional options to allow for what are typically warm weather uses (running, walking, biking) during the winter months

Challenges

- Impact to those wishing to use trails for alternative winter recreation
- Takes staff away from roadway ice and snow control
- Trails are subject to thaw/freeze cycles that can lead to black ice conditions - Increased liability due to difficulty keeping trails cleared
- Snow storage (snow windrows) during large, or back to back events
- May require additional equipment to clear
- Snow removal equipment can cause degradation of trails

Trail Snow Removal

Moving Forward

Continue with current policy:

- **Clear existing and recently added list of recreation trails that are utilized for pedestrian use during the winter months.**
- **Add proposed trails as development progresses on Union Road and 27th Street.**

Trail Snow Removal



Questions or comments?