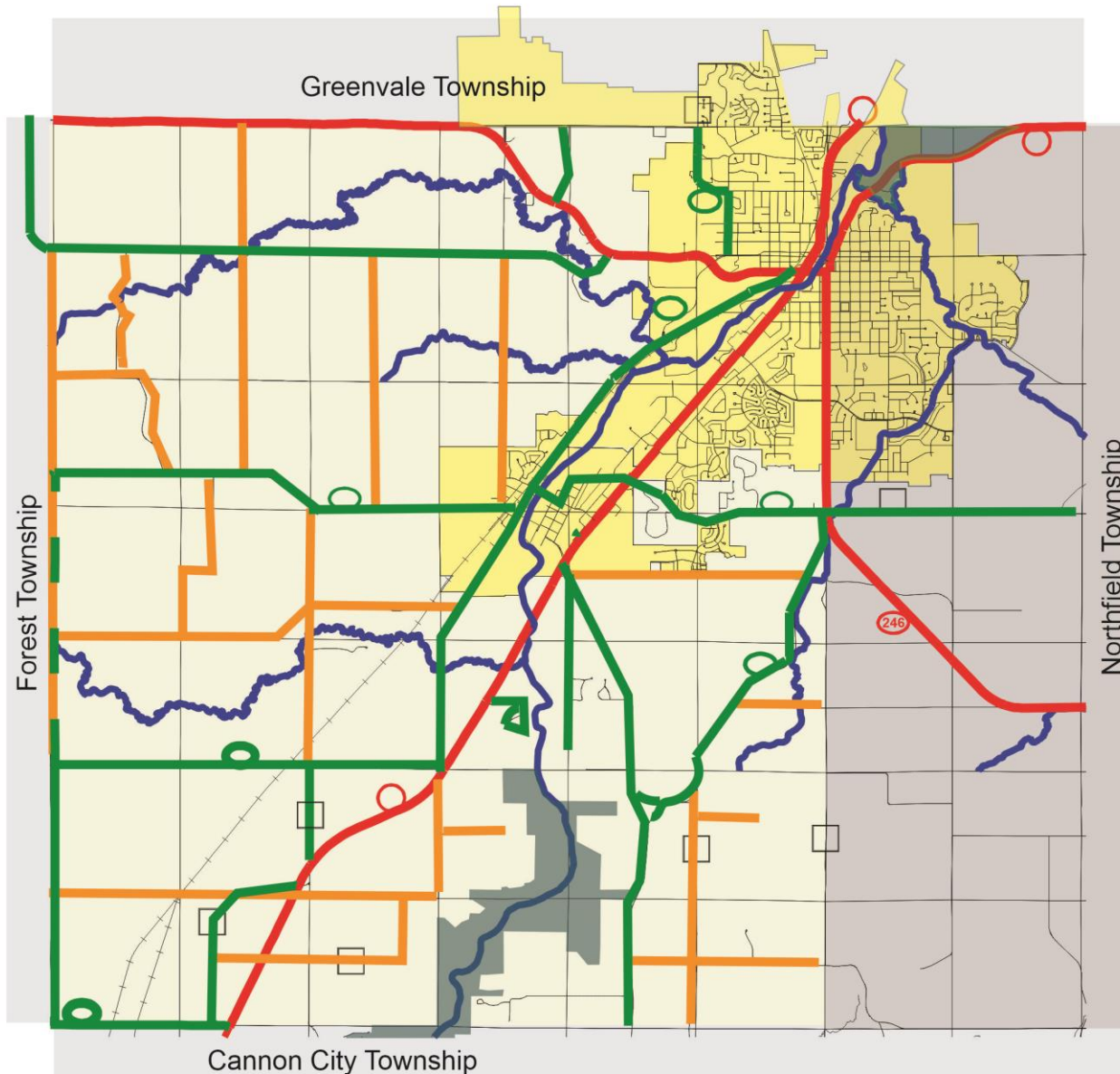


2019 / 2020 Road Review



2020 Bridgewater Road System Surface Type

Gravel/Rock: 32.08 mi. Developments: 5.36 mi. County Contract: 3 mi.



Key:



State Highways

- State Highways



Existing Asphalt

- Rice County highways
- Bridgewater developments
5.36 miles



Gravel Based

- 32.08 miles w/ total
Bridgewater of 37.44 miles
- Bridgewater Includes 3 miles
of Co. contract & 1 mile shared
with Forest TWP.

Notes:

All Bridgewater developments
are asphalt.

- Bittersweet
- Timberlane
- Telemark
- Edgebrook
- Upper & Lower Oak Hills
- Eaton Extension
- Ebel Way
- Wendwood

2020 Transportation Plan

Bridgewater Improvements Prioritized

This plan characterizes current thoughts and direction to road system improvements regarding Rice County and Bridgewater.

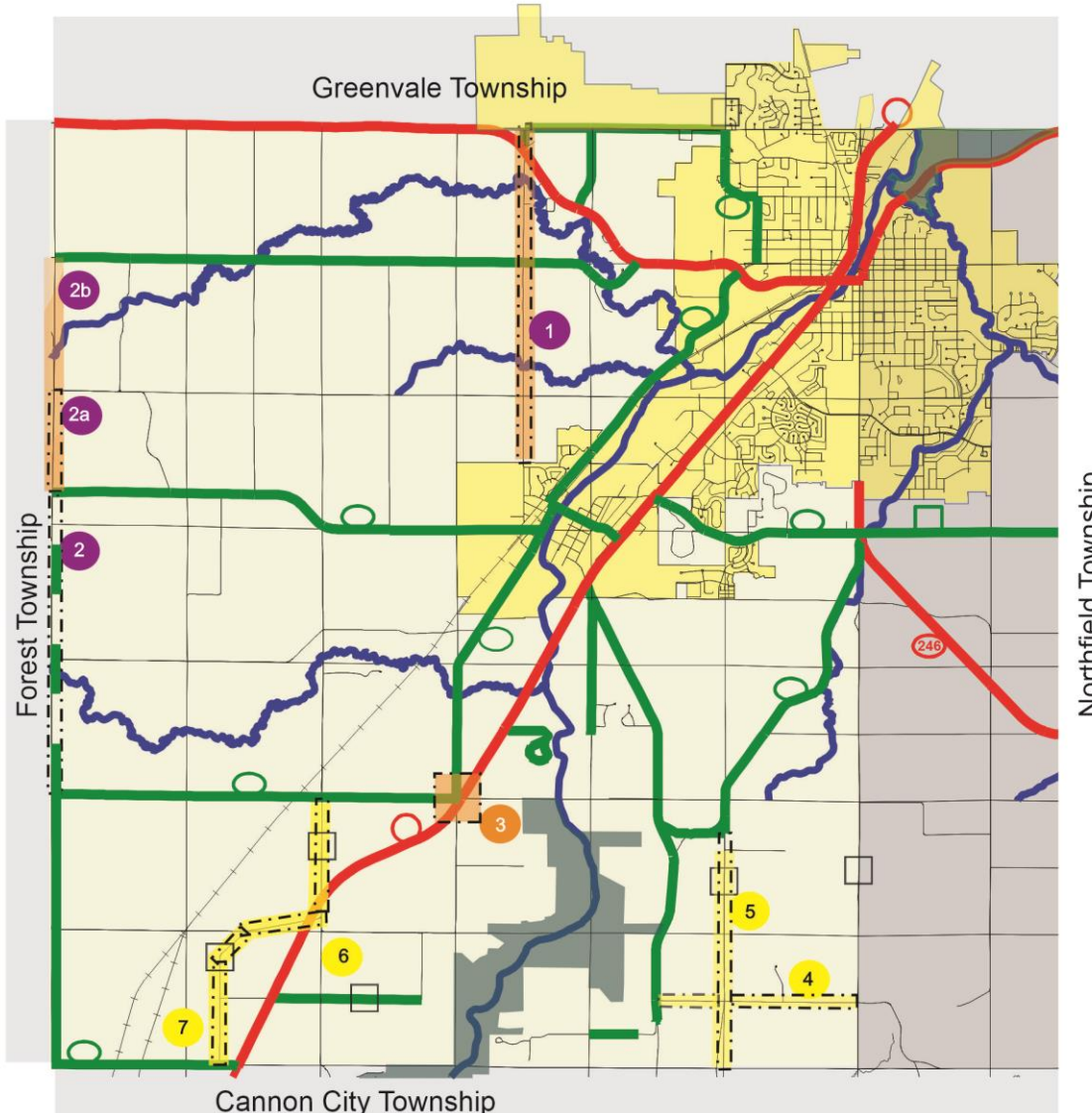
- Potential conversion to county system
- Potential improvements within Bridgewater
- Potential county turnbacks to Bridgewater

Improvement Priority

- 1** Decker Ave. conversion to Rice County System Improvement to asphalt surface/creates western ring road section/Bypass Northfield and Dundas. 2.47 miles. Existing crushed rock.
- 2** Baseline converts from Rice County No. 8 to No. 1. Scheduled improvement 2020. 2.25 miles. Existing crushed rock.
- 2a** Baseline converts from Rice County No. 1 to TWP 100th St. .75 miles. Existing crushed rock.
- 2b** Request County Conversion. 1.06 miles. Existing gravel.
- 3** Improvement of alignment at Rice County No. 8, TWP Dahle, TWE 130th Street & State highway 3. See Map.

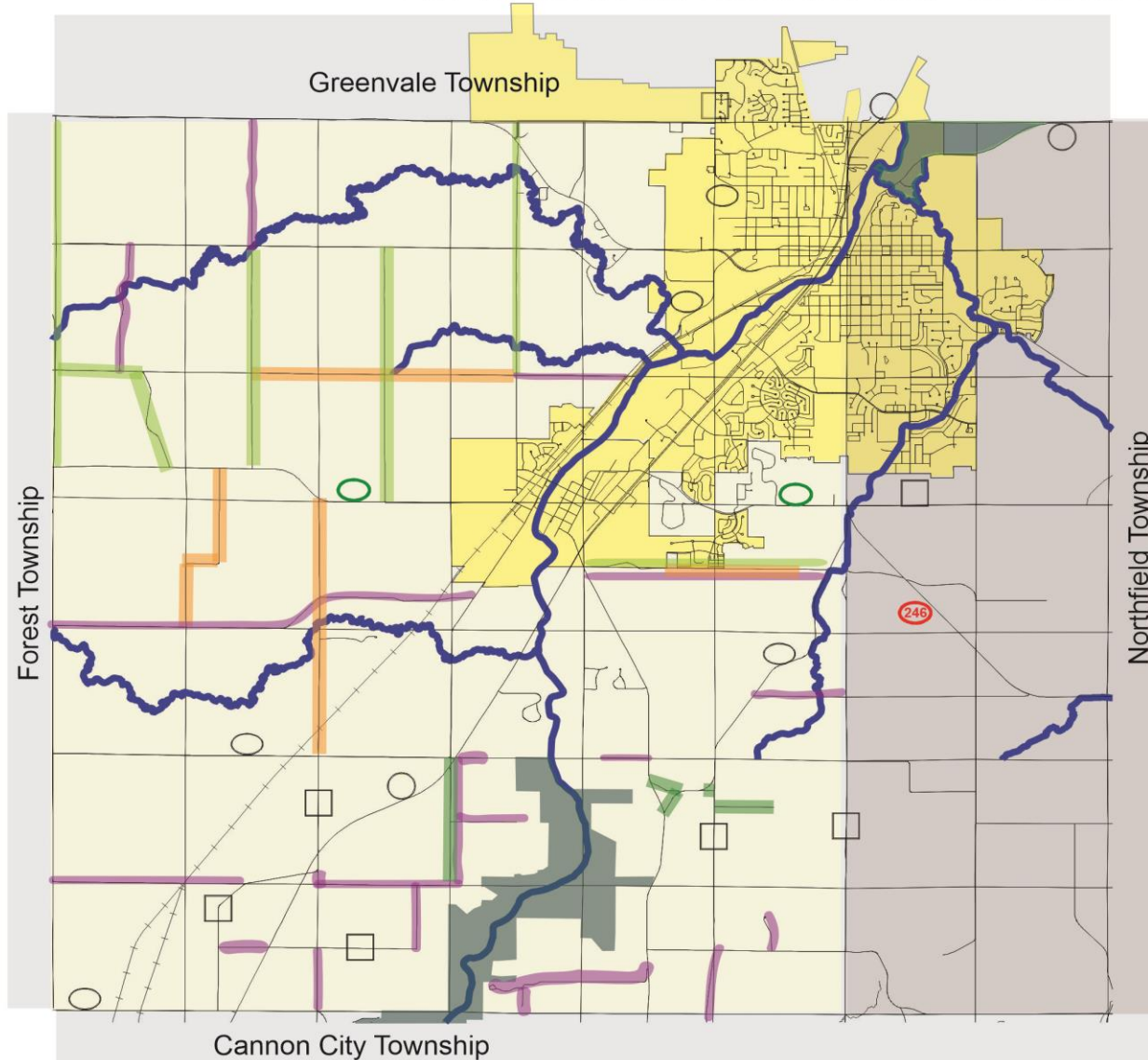
Potential County turnback roads to be Discussed

- 4** Rice County 82 145th Street 1.5 miles, Gravel
- 5** Rice County 84 Falk Avenue 1.33 miles, Gravel
- 6** Rice County 77 Cabot Avenue .75 miles, Asphalt
- 7** Rice County 83 Backrach Avenue 1.53 miles, Asphalt



- 2020 Rice Co. construction on Baseline Road. from Co. 8 to Co. 1.
- Continue discussion & planning for Decker Ave. conversion.

2020 Gravel/Rock/Dust Control Plans



Annual Gravel/Rock Plans

2020

2018

2019

Notes:

- All township gravel or rock system roads will receive gravel or rock in a three (3) year period.
- 3 Year rotation.
- Covers roads @ a rate of 1/3 of the miles per year.
- Combination of crushed limestone & Class 5 gravel.
- Decker Ave. get additional materials as needed. It's traffic usage burns up more material than rotation covers.

Baseline **

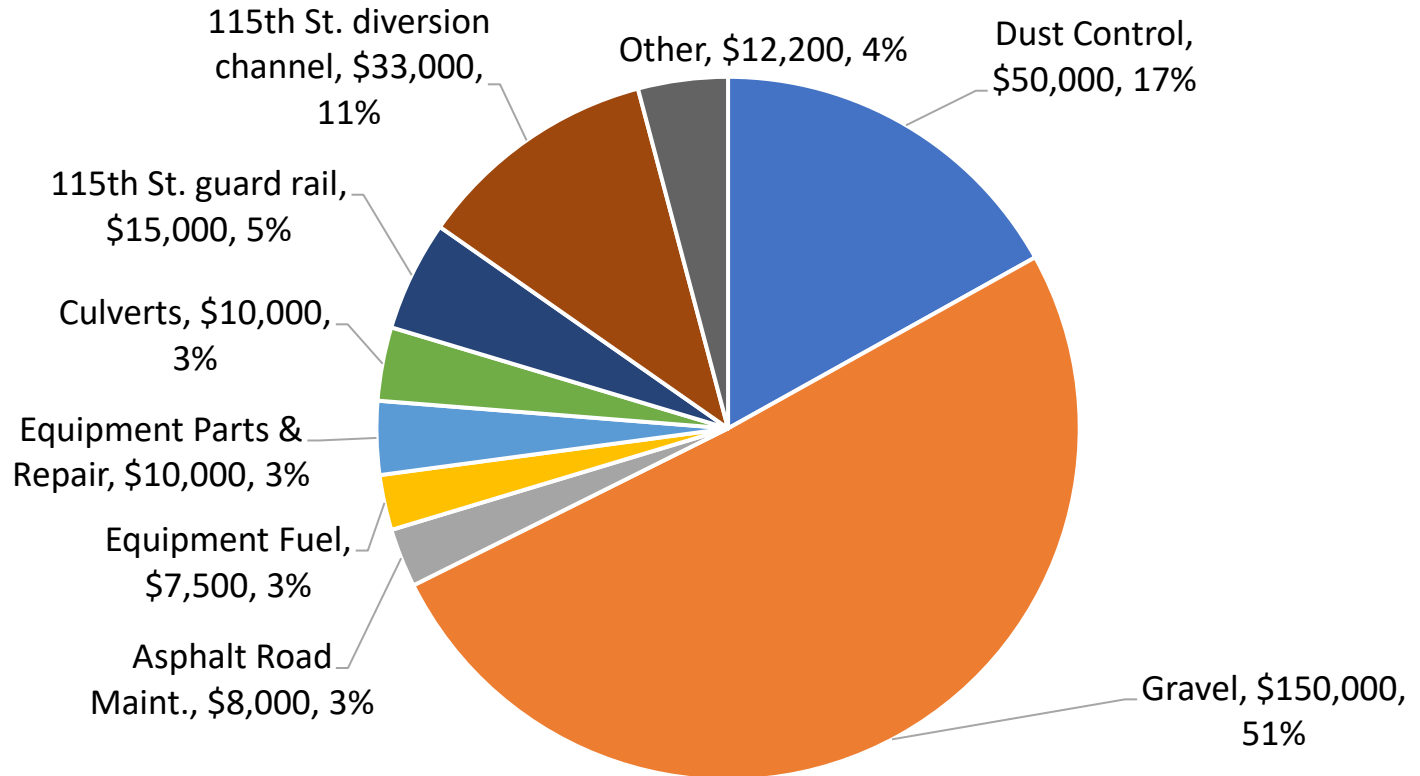
- Convert to rock, Forest to cover expense, Bridgewater provides maintenance.
- Recommend Forest adds 2" compacted in 2020 - \$15,000.
- 2019 added 1" @ \$7,500.

Rock:
14,500 tons \$145,000 cost

Gravel:
tons / cost

Dust Control:
\$50,000 cost

Road Budget 2020: \$295,700



Road Budget: 2019 Actual, 2020 Proposed

	Actual 2019	Proposed 2020
Road/Street Maintenance		
Dust Control	\$ 62,348.85	\$ 50,000.00
Ditch Cleaning	\$ 225.00	\$ 1,000.00
Gravel	\$ 131,553.71	\$ 150,000.00
Brush/Tree Trim.	\$ 90.00	\$ 5,000.00
Nox. Weeds	\$ 2,597.77	\$ 3,000.00
Sand	\$ 3,145.38	\$ 3,200.00
Signs	\$ -	
Asphalt Road Maint.	\$ 7,930.75	\$ 8,000.00
Storm Damage	\$ 13,795.00	\$ -
Equipment	\$ -	
Truck & Grader Fuel	\$ 7,208.93	\$ 7,500.00
T&G Parts/Repair	\$ 14,981.63	\$ 10,000.00
Construction	\$ -	
Culverts	\$ 5,242.50	\$ 10,000.00
Miscellaneous (115 th St.)	<u>\$ 225.00</u>	<u>\$ 48,000.00</u>
	\$ 249,344.52	\$ 295,700.00

2019 Capital Equipment Purchases

Machinery

2019 Mack/Granite CXU Single Axial Plow Truck	\$119,300.00
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Plow & Box Package Tow master/Falls mfg.	\$103,001.00
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Snow Wing Cart (Makes Removal & Reinstall Faster & Safer)	<u>\$2,998.00</u> \$225,299.00
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2019 Mack Granite



2019 Mack Granite

- W/ Mack 6 cyl., 13L., 425 hp., tier 4 engine.
- Allison auto transmission 4500 series.

2019 Mack Granite



2019 Mack Granite

- TowMaster Box & Hoist
- 8' Stainless Steel Sander
- w/Falls Heavy Spec Plow Package
- 12' Front Hydra Swing Plow
- 11' Rear Mount Wing
- 11' Underbody Blade + 1' Extension

2019 Mack Granite Plow Equipment Towmaster/Falls



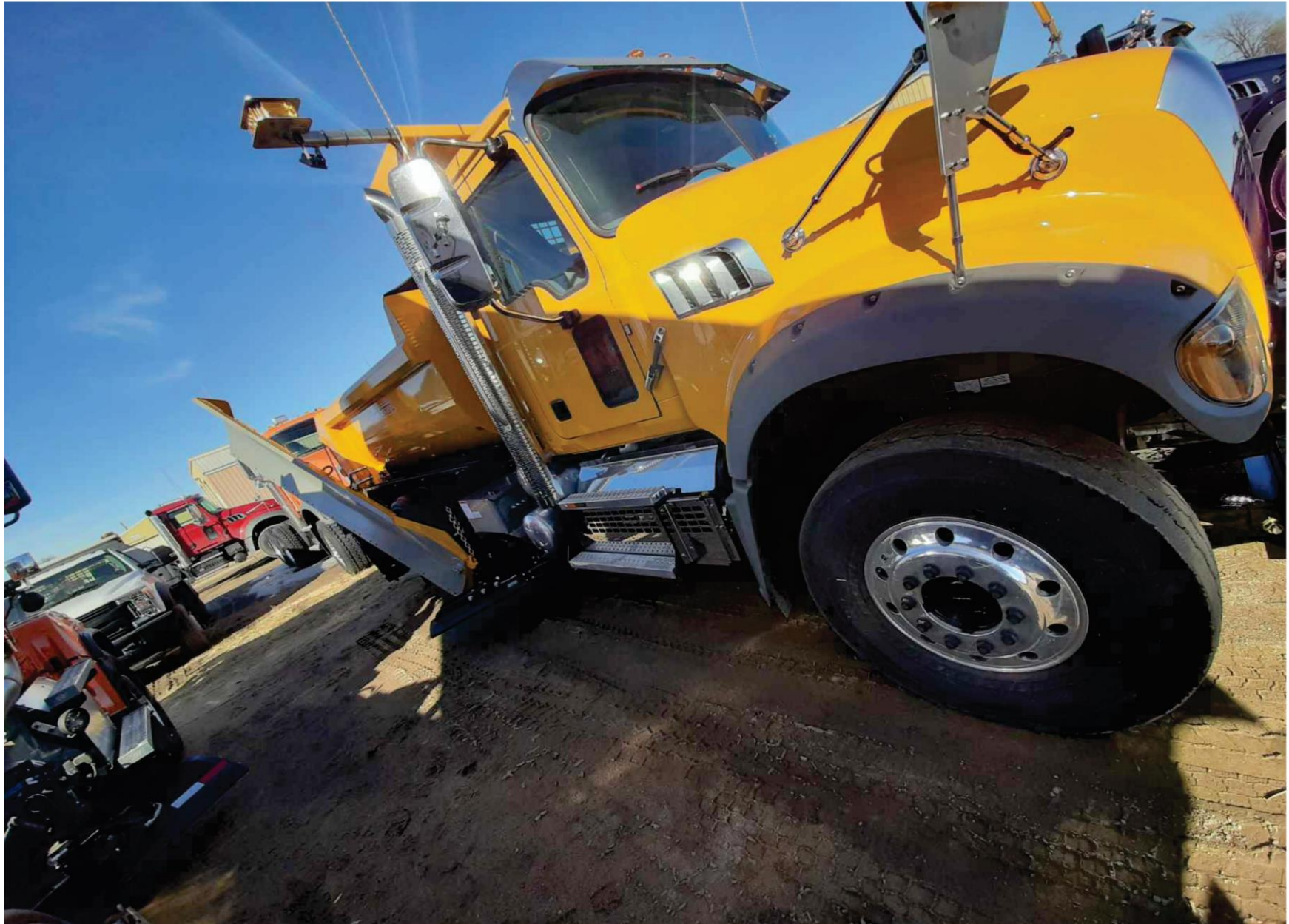
2019 Mack Granite

- Underbody Blade 11' w/12" extension 12' total.
- Rear mounted wing (Falls) 11'
- Front mount Hydra turn (Falls) 12'

2019 / 2020 Road Review



2019 / 2020 Road Review



Bridgewater Noxious Vegetation Program

- We applied for and received a grant from the state of Minnesota for noxious weed control funds.
- Received a grant to cover the 4 Townships of \$49,750.00.
- Breakdown of funds haven't been broken down as of tonight.
- Obligated to conduct public education regarding control of their weeds.
- Backpack Sprayer for each Township.
- Work with County's & State (MDOT) better control all roads within the Townships.