

APPENDIX A - 4-YEAR EQUIPMENT PURCHASE PLAN

TOWN OF BARRE

**4-YEAR
EQUIPMENT PURCHASE
PLAN**

FY 2025 - FY 2028

4-YEAR EQUIPMENT PURCHASE PLAN

EQUIPMENT REPLACEMENT SCHEDULES

1. LARGE DUMP TRUCKS:	Fleet of <u>7</u> ; keep each truck 7 years. Purchase schedule is <u>7</u> trucks every 7 years.
2. SMALL DUMP TRUCKS: (inc. 1-tons, low profile)	Fleet of 4; keep each truck 10 years. Purchase truck 2 out of 5 years.
3. LOADERS, BACKHOES, GRADERS:	Fleet of 2 graders; keep 20 years. Fleet of 1 large backhoe; keep 18 years. Fleet of 1 small backhoe; keep 15 years. Fleet of 2 loaders; keep each loader <u>14</u> years. Purchase a loader every <u>7</u> years. Fleet of 1 small skid-steer loader; keep 15-20 years.
4. PICKUP TRUCKS:	Superintendent's 4 WD pickup kept 5 years. Engineer's 4 WD pickup kept 7 years, then sold. Shop 4 WD pickup kept 7 years, then sold.
5. POLICE CARS:	Fleet of 3 SUVs; plan to keep 3 years. Purchase new car every year.
6. AMBULANCES:	Fleet of 5; keep 4 years. Purchase 5 every 4 years; (2,1,1,1)
7. FIRE TRUCKS: A. Engines (Pumpers) - B. Tankers - C. Other Trucks -	Fleet of 4 (until about 2023 then sell E1 or E2); keep pumpers 25 yrs. Purchase every 8 years by equal division; however, have to buy as reach life expectancy. Fleet of 3; purchase new tankers 25-30 years. Keep 20 years.
8. MOWERS:	Fleet of 4; keep 10 years. Purchase new mower for Recreation, Cemetery 2 out of 5 years.
9. MISCELLANEOUS:	Numerous pieces of equipment and things such as trench box, compressors, generators, rolls, other types of fire trucks.

YEAR 1 (2024 – 2025)

Existing Leases:

F.D. tanker (rpl. #F.D.-4) (5/5).....	\$44,938	
Road grader (rpl. #42) (3/8).....	est \$50,885	
Excavator (rpl. #31) (3/6).....	\$54,464	
1-ton truck (rpl. #14) (3/4).....	<u>\$36,575</u>	
		<u>\$186,862</u>

Leases to be Added by prior year:

Ambulance (rpl. #A-4) (2/3)	\$63,259	
Fire truck pumper or rescue/pumper (rpl. #14) (2/10).....	<u>\$73,750</u>	
		<u>\$137,009</u>

Purchases:

Police car	\$48,000	
2 Ambulances (rpl. #A-1 & #A-2) (1/3).....	\$123,000	
Lg. Dump Truck 10-wheeler (rpl. #28).....	\$265,000	
1-ton truck (rpl. #16) (1/4).....	\$55,000	
Power screen (rpl. #33) (1/5).....	\$40,000	
4 WD pickup (rpl. #9).....	\$52,500	
Small roll trailer (rpl. #73).....	\$8,000	
Misc. Equipment**	<u>\$17,500</u>	
		<u>\$609,000</u>

Total for Year 1: \$932,871

** Misc. Equipment:

6 PCs, 1 police laptop, 2 chromebooks, 2 ipads	\$11,000
F.D. & EMS portables and F.D. pagers.....	<u>\$ 6,000</u>
	\$17,500

YEAR 2 (2025 - 2026)

Existing Leases:

Road grader (rpl. #42) (4/8).....	est. \$50,885
Excavator (rpl. #31) (4/6).....	\$54,464
1-ton truck (rpl. #14) (4/4).....	\$36,575
Fire truck pumper or rescue/pumper (rpl. #14) (3/10).....	\$73,750
Ambulance (rpl. #A-4) (3/3).....	<u>\$63,259</u>

\$278,933

Leases to be Added by Year 1:

2 Ambulances (rpl. #A-1 & #A-2) (2/3).....	\$123,000
1-ton truck (rpl. #16) (2/4).....	\$55,000
Power screen (rpl. #33) (2/5).....	<u>\$40,000</u>

\$218,000

Purchases:

Police car	\$50,000
Ambulance (rpl A5 1/3 – reevaluate).....	\$65,814
4 WD pickup (rpl. #12).....	\$55,000
Lg. Dump truck, 6-wheeler (rpl#24).....	\$225,000
Misc. Equipment**	\$18,800

\$414,614

Total for Year 2: \$911,547

**Miscellaneous Equipment:

5 PCs, 2 basic laptops, 1 laptop with docking, 1 tablet, 1 iPad.....	\$12,800
F.D. & EMS portables and F.D. pagers.....	<u>\$ 6,000</u>
	\$18,800

YEAR 3 (2026 – 2027)

Existing Leases:

Road grader (rpl. #42) (5/8).....	est. \$50,885	
Excavator (rpl. #31) (5/6).....	\$54,464	
Fire truck pumper or rescue/pumper (rpl. #14) (4/10).....	\$73,750	
		<u>\$179,099</u>

Leases to be Added by Year 1 and 2:

2 Ambulances (rpl. #A-1 & #A-2) (3/3)	\$123,000	
1-ton truck (rpl. #16) (3/4).....	\$55,000	
Power screen (rpl. #33) (3/5).....	\$40,000	
Ambulance (rpl A5 2/3 – reevaluate).....	\$65,814	
		<u>\$283,814</u>

Purchases:

Police car.....	\$50,000	
Lg. Dump Truck, 6-wheeler (rpl. #30) (1/5).....	\$48,600	
Ambulance (rpl. #A-3).....	\$193,650	
Mower (rpl. Rec. #11).....	\$15,000	
Refurb. 2010 or 2011 FD tanker.....	\$50,000	
Fire department pumper (rpl. #FD-13) (1/10).....	\$75,000	
Misc. Equipment.....	\$30,000	
		<u>\$462,250</u>

Total for Year 3: \$925,163

**Miscellaneous Equipment:

Municipal Building phone system.....	\$12,000
FD & EMS portables, F.D. pagers.....	\$ 6,000
8 PCs, 2 iPads.....	<u>\$12,000</u>
	\$30,000

YEAR 4 (2027 – 2028)

Existing Leases:

Road grader (rpl. #42) (6/8).....	est. \$50,885	
Excavator (rpl. #31) (6/6).....	\$54,464	
Fire truck pumper or rescue/pumper (rpl. #14) (5/10).....	<u>\$73,750</u>	
		<u>\$179,099</u>

Leases to be Added by Years 1, 2, 3:

1-ton truck (rpl. #16) (4/4).....	\$55,000	
Power screen (rpl. #33) (4/5).....	\$40,000	
Lg. dump truck (rpl. #30) (2/5).....	\$48,600	
Fire department pumper (rpl. #FD-13) (2/10).....	\$75,000	
Ambulance (rpl A5 3/3 – reevaluate).....	<u>\$65,814</u>	
		<u>\$284,414</u>

Purchases:

Police car.....	\$52,000	
Lg. dump truck, 6-wheeler (rpl. #21)	\$245,000	
1-ton truck (rpl. #18) (1/4).....	\$50,000	
Front-end loader (rpl. #36) (1/5).....	\$45,000	
Ambulance (rpl. #A-4) (1/3).....	\$66,739	
Misc. Equipment**	\$37,300	
		<u>\$496,039</u>

Total for Year 4: \$959,552

** Misc. Equipment:

Engineer printer, copier.....	\$14,000
F.D. & EMS portables.....	\$ 6,500
6 PCs, 1 laptop with docking, 1 police laptop, 1 laptop, 2 chromebooks, 1 iPad.....	<u>\$15,800</u>
	\$37,300

4-YEAR EQUIPMENT PLAN

SUMMARY

Year 1 (2024-2025)	\$932,871
Year 2 (2025-2026).....	\$911,547
Year 3 (2026-2027).....	\$925,163
Year 4 (2027-2028).....	\$959,552

Needs on horizon:

• Fire department pick up	\$46,000
• Large roll	\$105,000
• Bobcat skid steer	\$64,460
• Backhoe	\$170,000
• Large equipment trailer	\$29,000

EQUIPMENT INVENTORY

BIG TRUCK FLEET

	<u>Year</u>	<u>Make</u>	<u>Truck #</u>	<u>Placed in Service</u>
1.	2015	Freightliner 114SD	26.5	02/15 (need to sell)
2.	2017	Western Star	23.5	05/16 (spare – sell in spring)
3.	2018	Western Star	22*	12/17 (will sell)
4.	2018	Western Star	28*	02/18 (replace FY25)
5.	2020	Freightliner 114SD	24	09/20 (replace FY26)
6.	2020	International HV 507	30	04/20 (replace FY27)
7.	2021	International HV 507-SFA	21	10/21 (replace FY28)
8.	2022	International HV 507-SFA	26	Body being installed
9.	2022	International HX620-SFA	23*	10/22

*10-wheelers

LO-PRO/1-TON TRUCK FLEET

1.	2013	Ford F-550	14	03/13 (will sell when #5 ready)
2.	2016	Freightliner M2-106	16	01/16
3.	2018	Dodge 5500	18	06/18
4.	2019	Ford F-550	15	03/20
5.	2023	Ford F-550 .	14	(Body being installed)

POLICE CAR FLEET

1.	2020	Ford Interceptor	4	05/20 (flood car)
1.	2021	Ford Explorer	3	05/21
2.	2018	Ford Explorer Interceptor	1.5	04/18
3.	2020	Ford Explorer Interceptor	5	12/19
4.	2021	Ford Explorer	2	02/22
5.	2023	Ford F-150	1	05/23
5.	2023	Ford Explorer	4	(being outfitted)
6.	2023	Ford Explorer	6	(being outfitted– almost ready)

FIRE TRUCK FLEET

1.	1995	Freightliner pumper	FD-13	01/96
2.	2002	International rescue truck	FD-14	05/02
3.	2009	Ford F250 pickup truck	FD-11	07/09
4.	2010	Kenworth tanker	FD-5	02/10
5.	2011	Kenworth tanker	FD-9	11/10
6.	2010	HME Silverfox pumper	FD-7	07/11
7.	2011	HME Silverfox pumper	FD-8	09/11
8.	2016	Ford F250 pickup truck	FD-3	05/16
9.	2013	Polaris Ranger U.T.V.	FD-17	
10.	2014	Bravo encl. trailer	FD-16	
11.	2021	Freightliner M2-106 tanker	FD-4	12/20

PICKUP TRUCK FLEET

				<u>Placed in Service</u>
1.	2019	Dodge 1500 (shop)	12	08/19
2.	2019	Dodge 1500 (sign)	7.5	05/19
3.	2018	Dodge 1500 (eng)	9	09/18
4.	2011	Ford F150 (rec using)	12.5	10/11
5.	2023	Ford F-150 (super)	7	5/23

AMBULANCE FLEET

1.	2021	Ford/E-450/Medix	A-1	01/21
2.	2021	Ford/E-450/Medix	A-2	01/21
3.	2018	Ford E-450/Medix	A-3.5	07/18 (still in use)
4.	2019	Ford E-450/Medix	A-4	11/19
5.	2023	Ford E-450/Medix	A-3	8/23
6.	2023	Ford E-450/Medix	A-5	8/23

OTHER VEHICLES

1.	2014	Honda Accord (misc)	17	08/17
2.	2018	F-liner/Vactor 2100 Plus	43	09/18
3.	2013	Chevrolet cargo van (s/w)	55	11/12
4.	2012	Bobcat S185 skid steer	40	04/14
5.	2006	Cat 143H grader	32	06/07
6.	2014	J.D. 410K backhoe	34	06/14
7.	2018	John Deere 524K loader	35	01/19
8.	2013	Cat 938K loader	36	01/14
9.	2015	Bomag BW177D-5 roll	48	11/15
10.	2020	Cat CB1.8, 2-ton roll	63	08/20
11.	2016	Kaeser M50 Air Comp.	57	11/21
12.	2002	Power Grid 600 Screen	33	10/03
13.	2011	Thomas, sewer bus	45	02/21
14.	1993	International tanker	66	N/A
15.	2022	John Deer 190GW Exca	31	1/23
16.	2023	John Deer 772G Grader	42	4/23
17.	2021	Ford Explorer (managers)	19	6/23

MOWERS BY REC., CEM.

1.	2019	J.D. X580	Cem01	02/19
2.	2017	J.D. Zero Turn	Rec.12.5	
3.	2019	Kubota BX2680 TV60	Rec.11	12/19
4.	1997	JD 4100 (from WFD #3)	64	
5.	2021	JD X730	Cem02*	10/21
6.	2023	Kubota Z781 Zero Turn	Rec 12	(ordered)

PAGERS AND PORTABLES

- 8 EMS portables (\$950 each) - 6 yr. life
- 11 FD portables (\$800 each) - 6 yr. life
- 35 FD pagers (\$450 each)
- 30 EMS pagers (\$450 each)
- 8 PD portables (\$1,000 each) – 6 yr. life (re-used for part-timers and special events)
- 4 DPW portables
- 1 Town Engineer portable
- 3 DPW pagers

COPIERS

1. Police copier (Savin IMC-300 SPF) 7/21
2. TCO copier (Toshiba 3018A) 9/21
3. DPW (Ricoh) (moved from M.B. 2023) 1/15
4. Municipal Bldg (Konica Minolta C450i) 5/23
5. EMS copier in department budget (leased 2020)
6. Engineering printer/copier 2014 (\$5,990)

COMPUTERS, PHONE SYSTEM

1. Municipal Building server – Fall 2021
2. 19 PCs, 1 general office use laptop, and 1 election work laptop (\$900 each)
3. Cisco telephone, voice mail system – December 2014
4. 7 police station PCs and 5 police car computers