

Town of Pownal
Capital Improvement Planning Committee

September 27, 2023

Mallett Hall

6:30 pm

- I. Roll Call; establish quorum; confirm agenda
- II. Review/approve minutes of previous meeting – May 30, 2023
- III. Public Comment
- IV. Select Board Input
- V. Elect Committee Chair
- VI. Elect Committee Scribe
- VII. Replacement Cost inflation (*see below*)
- VIII. Plan Assumptions (*see below*)
- IX. Review Asset Schedule & Items due for funding
- X. Discuss future meetings with department heads
 - a. Expectations
 - b. Guidance for discussion
- XI. Open Discussion
- XII. Next Meeting(s)
 - a. Wednesday, October 25 at 6:30 pm
 - b. Chief Peters is scheduled to present on Wednesday, December 27
- XIII. Adjourn

Exhibit VII

Capital Improvement Planning Committee

Replacement Cost Inflation¹

The table below is provided to help inform the decision on the inflation rate used in the plan. It compares the annual rate of growth in the Replacement Cost from the GOLD Plans, 12/28/13, 5/19/15, and 5/1/2019 to the Replacement cost as of 4/1/23. It then determines the weighted growth in Replacement Cost for items with a positive growth rate for each period.

Replacement Cost Compout Annual Growth Rate (CAGR)									
Replacement Cost 4/1/23, based on cagr > #####									
Asset Schedule	4/1/2023	Year in Service	Service Life - Yrs.	Item weight (use 4/1/23)	Item weighted inflation from 5/19/15	Item weight (use 4/1/23)	Item weighted inflation from 12/28/13	Item weight (use 4/1/23)	Item weighted inflation from 5/1/19
Elevator Software and Sensors	\$65,500	2023	25	1.69%	0.17%	1.69%	0.14%	0.82%	0.00%
Mallett Hall Automatic Generator	\$8,000	2016	20	0.00%	0.00%	0.00%	0.00%	0.31%	0.00%
Mallett Hall Parking Lot	\$37,113	2022	50	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Roof - old building east side of addition	\$24,000	2020	25	0.62%	0.01%	0.62%	0.01%	0.52%	0.00%
Air Bottles	\$30,000	2019	15	0.77%	0.01%	0.77%	0.01%	0.70%	0.02%
Air compressor system	\$77,000	2004	21	1.99%	0.10%	1.99%	0.08%	1.34%	0.14%
Air Packs	\$99,300	2004	21	2.56%	0.05%	2.56%	0.04%	2.24%	0.08%
Communications	\$25,300	2014	11	0.65%	0.05%	0.65%	0.04%	0.37%	0.06%
Dispatch Radio System	\$14,300	2020	10	0.00%	0.00%	0.00%	0.00%	0.32%	0.01%
Engine 1	\$696,000	2008	24	17.94%	0.88%	17.94%	0.70%	14.82%	0.72%
Engine 2	\$515,000	1998	32	13.28%	0.56%	13.28%	0.44%	10.96%	0.54%
Exhaust System - 2 Fire Stations	\$12,800	2017	25	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Extrication Equipment	\$42,000	2022	25	1.08%	0.00%	1.08%	0.00%	1.08%	0.00%
Refurbish Eng 2	\$25,000	2022	100	0.00%	0.00%	0.00%	0.00%	0.43%	0.05%
Repeater System	\$12,100	2014	11	0.31%	0.01%	0.31%	0.01%	0.25%	0.01%
Squad 3	\$117,000	2000	27	0.00%	0.00%	0.00%	0.00%	3.40%	0.00%
Tank 4	\$545,000	2012	26	14.05%	0.77%	14.05%	0.61%	11.60%	0.57%
Thermal image camera (2)	\$14,000	2018	12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Excavator 2008 Caterpillar	\$195,000	2007	20	5.03%	0.05%	5.03%	0.04%	4.12%	0.21%
Loader Backhoe 2017 Caterpillar	\$185,000	2017	15	4.77%	0.30%	4.77%	0.24%	3.96%	0.19%
Motor Grader 2012 John Deere	\$350,000	2012	20	9.02%	0.39%	9.02%	0.31%	6.45%	0.57%
Poland R Rd multi plate	\$138,591	2022	33	3.57%	0.15%	3.57%	0.12%	6.25%	0.00%
Road Rebuild	\$0	2017	30	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Sweetser Rd Bridge Deck	\$10,000	2005	20	0.26%	0.00%	0.26%	0.00%	0.26%	0.00%
Truck 1 - 2021 Freightliner dump truck	\$262,000	2022	12	6.75%	0.28%	6.75%	0.22%	0.00%	0.00%
Truck 2 - 2014 Freightliner dump truck	\$262,000	2015	12	6.75%	0.28%	6.75%	0.22%	4.77%	0.43%
Truck 3 - 2017 Freightliner dump truck	\$262,000	2017	12	6.75%	0.28%	6.75%	0.22%	4.90%	0.41%
Truck 4 - 2012 International dump truck	\$0	2012	10	0.00%	0.00%	0.00%	0.00%	5.67%	0.00%
Truck 5 - Ford F-250 pick up	\$60,000	2020	10	1.55%	0.04%	1.55%	0.03%	1.29%	0.06%
Truck 6 - 2016 RAM 350 1 ton dump truck	\$75,000	2016	8	1.93%	0.10%	1.93%	0.08%	1.29%	0.14%
Wheel Loader	\$260,300	2022	20	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				Wt CAGR	4.46%	Wt CAGR	3.55%	Wt CAGR	4.20%

¹ CAGR = (EV ÷ BV) ^ (1 ÷ n) - 1
 EV = Ending Value, BV = Beginning Value, n=periods

Exhibit XIII

Town of Pownal		
Capital Investment Planning Committee		
Plan Assumptions		
Assumption	CIP 2024-2025	Prior Plan
Bond Fee		\$ 5,250
Bond Interest Rate		3%
Bond Term (years)		20
Bonding Threshold (\$/Years)		\$ 300,000
Future Appropriation Smoothing %		5%
Future Appropriation Smoothing years		10
Inflation Rate		5.0%
Interest Rate on Capital Reserve Account	2.43%	0.25%
Year 1 Appropriation Override	\$ 144,000	initial value set in prior year plan
Year 2 Appropriation Override	\$ 146,000	
Year 3 Appropriation Override	\$ 148,000	
Year 4 Appropriation Override	\$ 150,000	
Year 5 Appropriation Override		NA
Allow Negative Appropriations		No
Round to thousands		Yes
Smooth as % of prior year		0%
Assumptions for the What-If scenarios:		
Sensitivity Range		10%
Target Cap Reserve Balance		\$ 262,000
Capital Reserve Sensitivity		90%
% invested		20%
Excxs over Target (Y/N)		Yes

Exhibit IX

**Town of Pownal
Capital Improvement Plan Committee**

FY End Date:	6/30/24								
Inflation Rate/Interest Rate:	5.0%	0.25%	Bonding threshold (choose one)			Version: 20230825-10.20.23 LOCAL			
Investment Rate Short Term/Mid Term	0.0%	1.6%	<input type="radio"/> Service Life	15	years or more	Save to Local File		Create Gold Copy	
Investment Rate Long Term/Bond Fee:	3.0%	\$ 5,250	<input checked="" type="radio"/> Replacement Cost	\$ 300,000	or more				
			\$ 8,419,304	Cap. Reserve =	\$ 269,001	\$ 10,566,246			

Refresh Capital Plan	Designated Account	Department	Current Replacement Co	Year in Service	Service Life - Yrs.			Projected Replacement Cost	Projected Refresh Ye
Elevator Software and Sensors		Mallett Hall	\$65,500	2023	25			211,244	2048
Mallett Hall Automatic Generator		Mallett Hall	\$8,000	2016	20			14,367	2036
Mallett Hall Parking Lot		Mallett Hall	\$37,113	2022	50			386,026	2072
Roof - old building east side of addition		Mallett Hall	\$24,000	2020	25			66,863	2045
Air Bottles		Public Safety	\$30,000	2019	15			48,867	2034
Air compressor system		Public Safety	\$77,000	2004	21			80,850	2025
Air Packs		Public Safety	\$99,300	2004	21			104,265	2025
Communications		Public Safety	\$25,300	2014	11			26,565	2025
Dispatch Radio System		Public Safety	\$14,300	2020	10			19,163	2030
Engine 1		Public Safety	\$696,000	2008	24			1,028,309	2032
Engine 2		Public Safety	\$515,000	1998	32			690,149	2030
Exhaust System - 2 Fire Stations		Public Safety	\$12,800	2017	25			30,805	2042
Extrication Equipment		Public Safety	\$42,000	2022	25			129,004	2047
Refurbish Eng 2		Public Safety	\$25,000	2022	100			2,981,888	2122
Repeater System		Public Safety	\$12,100	2014	11			12,705	2025
Squad 3		Public Safety	\$117,000	2000	27			135,442	2027
Tank 4		Public Safety	\$545,000	2012	26			1,079,063	2038
Thermal image camera (2)		Public Safety	\$14,000	2018	12			18,761	2030
Excavator 2008 Caterpillar		Public Works	\$195,000	2007	20			225,737	2027
Loader Backhoe 2017 Caterpillar		Public Works	\$185,000	2017	15			273,329	2032
Motor Grader 2012 John Deere		Public Works	\$350,000	2012	20			517,109	2032
Poland R Rd multi plate		Public Works	\$138,591	2022	33			628,931	2055
Replace Elmwood Rd Fire Station		Public Works	\$2,000,000		40			0	40
Replace Public Works Facilities		Public Works	\$2,000,000		40			0	40
Road Rebuild		Public Works	\$0	2017	30			-	2047
Sweetser Rd Bridge Deck		Public Works	\$10,000	2005	20			10,500	2025
Truck 1 - 2021 Freightliner dump truck		Public Works	\$262,000	2022	12			426,770	2034
Truck 2 - 2014 Freightliner dump truck		Public Works	\$262,000	2015	12			303,298	2027
Truck 3 - 2017 Freightliner dump truck		Public Works	\$262,000	2017	12			334,386	2029
Truck 4 - 2012 International dump truck		Public Works	\$0	2012	10			-	2022
Truck 5 - Ford F-250 pick up		Public Works	\$60,000	2020	10			80,406	2030
Truck 6 - 2016 RAM 350 1 ton dump truck		Public Works	\$75,000	2016	8			75,000	2024
Wheel Loader		Public Works	\$260,300	2022	20			626,443	2042
item			\$0	2018	50			-	2068
item			\$0	2019	50			-	2069