



Capital Improvement Plan for Paved Roads and Funding Suggestions

SHARON SELECTBOARD

INFORMATION MEETING

OCTOBER 24, 2019

Tonight's Agenda

- ▶ Why we are here
- ▶ History of Maintaining Paved Roads
- ▶ Plan for 2020
- ▶ Working with Pomfret
- ▶ Estimated Costs
- ▶ Selectboard Recommendation
- ▶ VOTE

Why are we here?

- ▶ The condition of the paved roads in Sharon continues to deteriorate
- ▶ We have done some recent paving:
 - ▶ Beaver Meadow (Shim and Overlay, 2016)
 - ▶ Rte 132 (Shim and Overlay, 2018—Mosher Lane to Strafford Town Line)
 - ▶ River Road (reclaim, Shim, Overlay, Crack Seal, 2016)

We Need to Act!

- ▶ Selectboard and Citizens believe something needs to be done
 - ▶ More wear on Road Crew and Equipment
 - ▶ Pavement in poor condition is very difficult to patch
 - ▶ Difficulty driving, walking, cycling on uneven, deteriorating road surfaces
 - ▶ Delaying the work will likely increase costs

History of CIP

- ▶ Before Tropical Storm Irene, the Sharon Selectboard developed a Capital Improvement Plan for Paved Roads
- ▶ August, 2011: Irene visited
- ▶ 2014: Selectboard revisited CIP
- ▶ 2015: Last infrastructure repair due to Irene was completed
- ▶ 2015: Selectboard hired Hammond Engineering to assist with CIP
- ▶ 2015-2018: Several projects completed—Rte 132, River Road
- ▶ 2019: Selectboard hired Horizons Engineering, plan revamped, discussions w Pomfret
- ▶ It is time for Action!

Plan for 2020

- ▶ Our proposal is to complete the following work next year:
 - ▶ Drainage improvements, Reclaim and Pave (4") **Howe Hill** from River Road to Pomfret Town Line
 - ▶ New Culverts and Shim and Overlay **River Road** (bridge to Howe Hill)
 - ▶ New Culverts, Reclaim and Pave **Fay Brook Road**
 - ▶ Reclaim and Pave **Broad Brook Road**
 - ▶ Shim and Overlay **Quimby Mountain Road**

Working with Town of Pomfret

- ▶ The Town of Pomfret intends to pave their side of Howe Hill Road at the same time.
- ▶ We have had several meetings w Pomfret, discussing working together.
- ▶ Estimated savings working w Pomfret would be about \$65,000.

Estimated Costs

HIGHWAY BUDGET PROJECTED TRANSFERS OUT TO HIGHWAY INFRASTRUCTURE RESERVE WITH \$1.1 MILLION BOND DEBT SERVICE

Description	Budget FY2020 (Current Year)	Budget FY2021	Budget FY2022	Budget FY2023	Budget FY2024	Budget FY2025	Budget FY2026	Budget FY2027	Budget FY2028	Budget FY2029	Budget FY2030	Budget FY2031
HWY Budget Transfer Out to Infrastructure Reserves	115,000	98,338	528	5,029	11,561	18,123	24,715	31,369	38,121	44,969	51,913	53,955
HWY Budget Bond Debt Service Transfer Out to Infrastructure Reserves	-	21,662	126,473	124,971	123,439	121,877	120,285	118,631	116,879	115,031	113,087	111,045
Total HWY Inrastructure Transfers to Reserves	115,000	120,000	127,000	130,000	135,000	140,000	145,000	150,000	155,000	160,000	165,000	165,000
\$ Amt over FY20 HWY Funds Transferred to Infrastructure Reserves		5,000	12,000	15,000	20,000	25,000	30,000	35,000	40,000	45,000	50,000	50,000
\$ Increase on tax rate assuming FY20 Grand List of \$1,621,591		0.003	0.007	0.009	0.012	0.015	0.019	0.022	0.025	0.028	0.031	0.031
		(.3 of a cent)					(1.9 cents)					(3.1 cents)
\$ Estimated annual tax increase on a \$200,000 assessed value property		6.17	14.80	18.50	24.67	30.83	37.00	43.17	49.33	55.50	61.67	61.67

How will we pay for this work?

- ▶ The Selectboard is suggesting we bond for \$1.1 Million to fund the work
- ▶ Estimated rate of interest is 1.65%
- ▶ Payback period is 10 years
 - ▶ Principal=\$110,000 (plus interest)
 - ▶ Annual payments range from \$111,045 to \$126,473
- ▶ This requires a vote which will take place on October 29

What can you do?

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- ▶ Vote on October 29!
- ▶ Polls open 7AM to 7PM

- ▶ The Selectboard encourages everyone to vote YES!

Questions?

Appendix

Cost Estimates for the 2020 & 2021 Paving Projects

ROAD NAME	DESCRIPTION	MILES	PAVING ESTIMATE	PREPARATION ESTIMATE (culverts and ditching)	TOTAL
Howe Hill Road	Reclaim, 4" Overlay, Drainage	2.72	1,063,425	27,500	1,090,925
River Road (Bridge to Howe Hill)	1 1/2" Shim & Overlay, Culverts	0.63	54,747	20,720	75,467
Fay Brook Road	Reclaim, 4" Stone, 3.5" Overlay	0.41	83,435	25,295	108,730
Broad Brook Road	Reclaim, 4" Stone, 3.5" Overlay	0.26	52,910	12,870	65,780
Quimby Mountain Road	1 1/4" Overlay	0.31	26,939	-	26,939
Engineering Costs			11,000	-	11,000
Legal Fees			1,000	-	1,000
Bond Interest (on \$1.1million)			113,379	-	113,379
TOTAL		4.33	1,406,835	86,385	1,493,220