



Town of Stafford Department of Public Works

Paving Information

February 2024

AGENDA

- Purpose
- The Facts
- Recent Paving Projects
- “The Paving List”
- Possible Paving Projects
- Funding
- Budget Proposal
- Q&A

Purpose

This informational meeting is being offered to provide details and clarification on the Town of Stafford paving program, history of paving, and budget considerations so that residents can provide educated feedback to the Board of Selectmen as part of the budget development process.



New City Road

The Facts

- 94.49 miles of town-owned improved roads
- 21.25 miles of town-owned unimproved roads
- Paving 1 mile of roadway costs on average \$350,000*
- The paving budget average of the last 10 years is \$210,287
- 10 year low: FY 2021 & 2022 at \$120k
- 10 year high: FY 2023 at \$300k



New City Road

FY 2023-2024

- Paving Projects budget (Acct. 20-300-7200) is \$150,000 in FY 2023-2024
- Pothole patching and curb repair equate to \$110k to \$140k of the Paving Projects budget
- \$10k will be used as a town match for a \$210k STEAP grant for paving



Intersection of Westford Avenue
and Woodland Drive

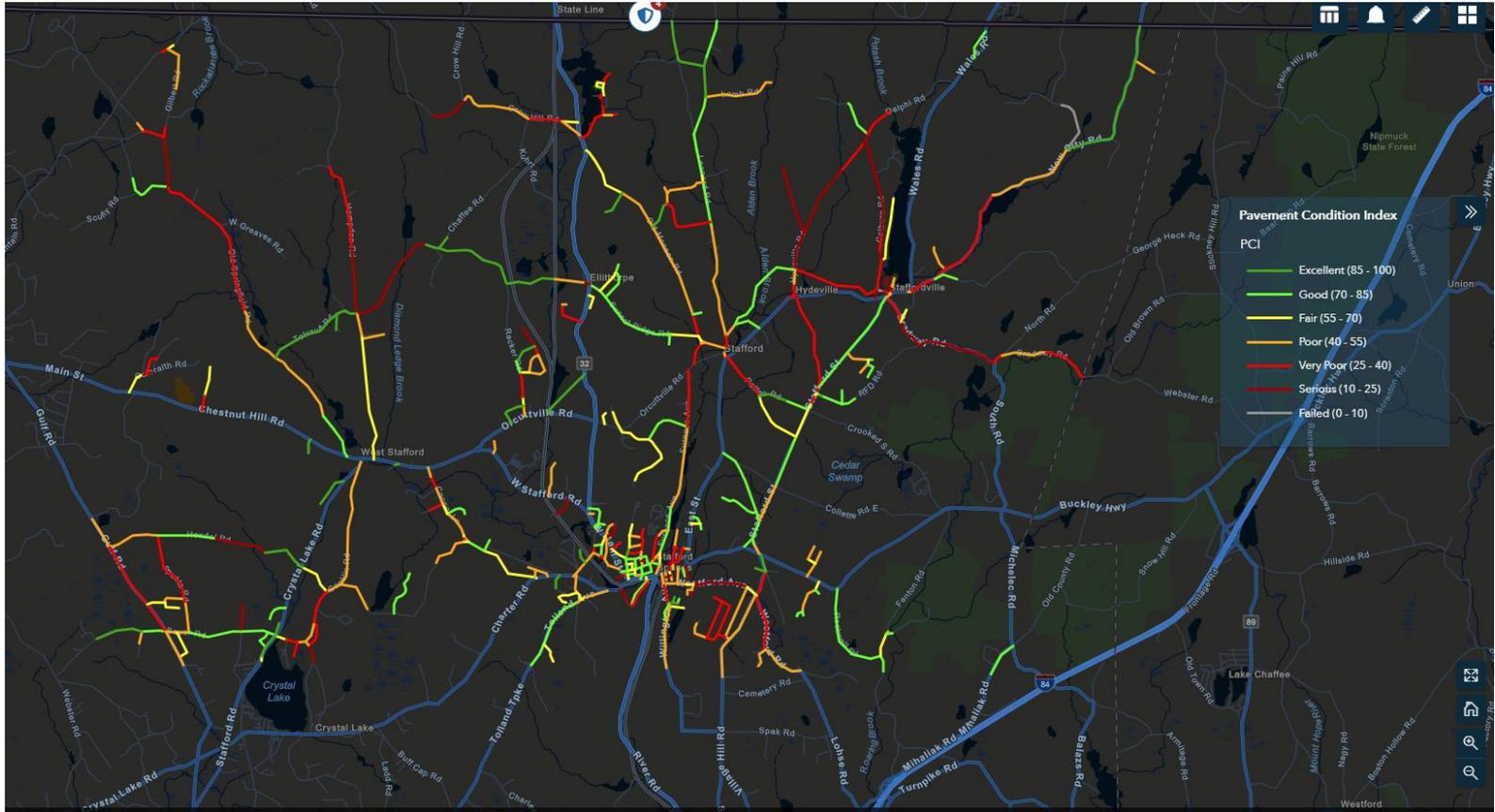
Recent Paving Projects

<u>Project</u>	<u>Year</u>	<u>Final Cost</u>	<u>Area (SY)</u>	<u>Cost/SY</u>
Diamond Ledge Road	2020	\$417,158.82	25265	\$ 16.51
Whippoorwill/Standish	2020	\$115,577.86	6700	\$ 17.25
Hillcrest	2020	\$113,873.60	4605	\$ 24.73
Brown Avenue	2020	\$16,948.25	634	\$ 26.73
Williamson Road	2021	\$29,752.38	5438	\$ 5.47
Tetrault Road	2021	\$338,285.75	16910	\$ 20.01
New City Road (Phase I)	2021	\$430,567.33	20460	\$ 21.04
Spellman Road	2021	\$171,867.33	7015	\$ 24.50
Evergreen Lane	2021	\$441,599.68	4079	\$ 108.26
Club Road	2022	\$33,408.27	2284	\$ 14.63
Handel Road	2022	\$188,267.80	11200	\$ 16.81

Recent Paving Projects (continued)

<u>Project</u>	<u>Year</u>	<u>Final Cost</u>	<u>Area (SY)</u>	<u>Cost/SY</u>
Thomas Drive	2022	\$42,389.38	2057	\$ 20.61
Cemetery Road	2022	\$61,615.49	2719	\$ 22.66
Parkess Street	2022	\$40,243.15	1400	\$ 28.75
Old Crystal Lake Road	2022	\$43,829.44	1476	\$ 29.70
Valery Drive	2022	\$44,219.92	1271	\$ 34.79
Dadalt Street	2022	\$39,768.10	1067	\$ 37.28
George Street	2022	\$26,361.44	680	\$ 38.77
Village Hill Road	2022	\$99,101.58	2518	\$ 39.53
Krol Road	2022	\$26,158.99	628	\$ 41.62
Levinthal Run/SMS	2023	\$581,627.50	27622	\$ 21.06
<u>Total</u>		<u>\$3,302,622.06</u>	<u>Average</u>	<u>\$ 29.08</u>

“THE PAVING LIST”



StreetLogix Software

- ❏ Data originally compiled in 2019
- ❏ Rescan started in Dec 2023
- ❏ Data update expected May 2024

Paving Projects Considerations

- PCI
- Traffic volume
- Base condition
- Is it so bad that we can't plow it?
- Will it be eligible for a grant in the near future?
- Does it need subsurface repairs?
- Do we have the money?
- Does the whole road need paving or just a segment?
- Can we repair it ourselves?



Future Paving Project Costs

<u>Project</u>	<u>From</u>	<u>To</u>	<u>Area (SY)*</u>	<u>Est. Cost (\$)**</u>	<u>Notes</u>
New City Road	Virginia	Beffa	25328	\$883,868	
Beffa Road	New City	Dirt	5150	\$149,356	
Hampden Road	Diamond Ledge	Green Acres	14618	\$423,915	
Old Springfield Road	Tetrault	Town Line	37929	\$1,099,937	Includes small section of Gilbert Road
Hydeville Road	Upper	Colburn	29993	\$869,800	Includes Dunay Road
Hydeville Road	East St	Stafford St	13112	\$380,248	
Westford Avenue	Meadow Lane	Woodland Drive	7822	\$226,847	
Village Hill	Valery	Westford	3732	\$108,240	
Bradway	Stafford St	Town Line	32412	\$932,118	Includes small section of Petz Road
Hyde Park Road	Park St	Highland Terrace	3019	\$87,563	

* Area based on GIS measurements

** Estimated Costs based on previous average of \$29/SY

Future Paving Project Costs (continued)

<u>Project</u>	<u>From</u>	<u>To</u>	<u>Area (SY)*</u>	<u>Est. Cost (\$)**</u>	<u>Notes</u>
Barbara Lane	Forest Road	Laurel Drive	6337	\$183,782	
Laurel Drive	Forest Road	End	6047	\$175,379	
Forest Road	Village Hill Road	End	6458	\$187,288	
Woodland Drive	Westford Ave	Forest Road	7408	\$214,832	
Mayflower Hill	Racker Road	End	12750	\$369,750	
Acorn Drive	Mayflower Hill	Mayflower Hill	3534	\$102,492	
Patton Road	East Street	Goodell	7099	\$205,861	
<u>Total</u>				<u>\$6,451,926</u>	

* Area based on GIS measurements

** Estimated Costs based on previous average of \$29/SY

Sources of funding

- Annual Town Budget
- Bonds
 - Money borrowed over a period of time
 - Typically 10-30 years
- Grants
 - Federal
 - State



Hampden Road

Just use grants!

- Over \$33 million in grants awarded to Stafford since 2018!
- BRIC Grant for Willington Avenue Reconstruction submitted Jan. 2024.
- Grants have strict requirements that many of our roads don't meet.
- Grants require that we complete design work in order to apply.
- Most grants require the Town to “match” a portion of the funding.



Hydeville Road

Major Collectors

- State Roads
- Furnace Avenue
- Gulf Road and Burbank Road reclassified as major collectors as of January 2024



New City Road

Engineering Projects

- Handel Road
 - from McIntyres brook to previous project limits
- Colburn Road
 - from bridge to Lakeshore Blvd
- Hampden Road
 - from Green Acres to Spencer Road
- Highland Terrace



Hampden Road

FY 2025 Proposal

- Includes \$1 Million for Paving Projects (including pothole and curb repair)
- This is an \$850k increase from FY 23-24
- This level provides funding for ~2.5 miles of road paving annually
- At this rate it will take nearly 40 years to repave our roads (not accounting for inflation)



Colburn Road

Questions?

Thank you for your attendance and attention!

