

Presentation on the Proposed 2019 Infrastructure Bond



Patrick J. McLaughlin, P.E.
Director of Public Works
August 5, 2019

The Public Works Department is proposing a \$ 5,000,000 infrastructure bond to continue its work in maintaining critical City infrastructure.

These Funds will be used for reconstructing and resurfacing City streets, replacement of the Sherman Street Bridges, rehabilitating major and minor bridges and culverts, safety improvements, and other infrastructure improvement projects as they arise.

This bond initiative is supported by the Public Works & Capital Improvements Committee and the Commission on the City Plan (CCP).

The balance of the previous infrastructure bond at the end of the current construction season will be less than \$3M. Given the fact that the city is responsible for 162 miles of roads, the city strives to pave at least 6 to 8 miles of roadway per year. This is in line with our goal of resurfacing of our roads on a 20 year cycle. This type of effort requires an expenditure of nearly \$2.5M per year.

In addition to having funds available to reconstruct our roadways, the city is responsible for a 10% share of the reconstruction of the Sherman Street bridges. The current estimate for this project is \$10M, with the city's share being approximately \$1M. It is necessary for the city to have this money available when the design is completed and the project is ready for advertising.

Proposed Expenditures

PROPOSED PAVING LOCATIONS

	2020	2021	2022	SUB TOTALS	ESTIMATED COST
NORWICHTOWN AREA			2.45	2.45	\$ 858,480
THAMESVILLE AREA	0.39	2.88		3.27	\$ 1,145,808
GREENVILLE AREA		1.01		1.01	\$ 353,904
CENTRAL AREA	0.89	0.45	0.78	2.12	\$ 742,848
EAST SIDE AREA		0.96		0.96	\$ 336,384
WEST SIDE AREA		1.97	0.43	2.4	\$ 840,960
TAFTVILLE AREA			0.92	0.92	\$ 322,368
EAST GREAT PLAIN AREA	2.77			2.77	\$ 970,608
LAUREL HILL AREA	2.01			2.01	\$ 704,304
YANTIC AREA		0.04	1.17	1.21	\$ 423,984
PLAIN HILL AREA			0.85	0.85	\$ 297,840
TOTAL PAVING (in miles)	6.06	7.31	6.6	19.97	\$ 6,997,488

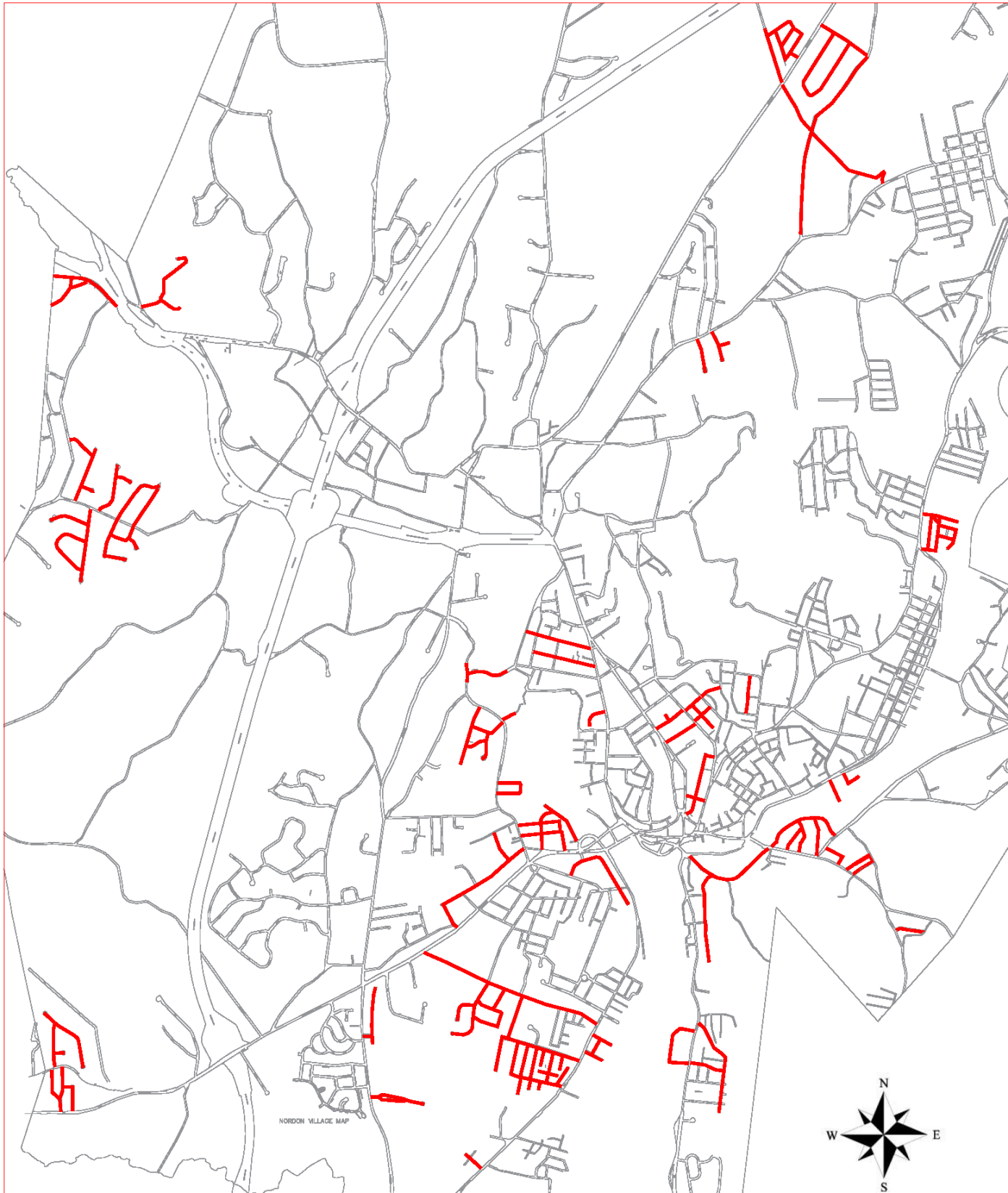
OTHER INFRASTRUCTURE PROJECTS

Sherman Street Bridge	\$ 1,000,000
Rehabilitation of various minor bridges and culverts	\$ 500,000
Sidewalks	\$ 300,000
Safety Improvements (guiderails)	\$ 200,000
	\$ 8,997,488

TOTAL ESTIMATED 2019 INFRASTRUCTURE BOND EXPENDITURES \$ 8,997,500

The roads which have been identified are tentative only. Specific roads are subject to change

PROJECTED 3 YEAR PAVING PLAN



2020 PROPOSED PAVING

2020 PROPOSED PAVING			
EAST GREAT PLAIN	MILES	LAUREL HILL AREA	MILES
Patrick Place	0.07	Spruce Street	0.45
Lauren Lane	0.26	Talman Ave	0.46
Woodlawn Terrace	0.15	Thermos Ave	0.33
Teddy Lane	0.22	Crouch Ave	0.31
Country Dr.	0.16	Garfield Ave	0.27
Stone Cliff Lane	0.05	Laurel Heights Road	0.19
Carey Lane	0.21		2.01
Coit Street	0.19	WEST THAMES AREA	
Pearl Street	0.19	Jefferson Avenue	0.10
Ann Street	0.14	Shipping Street	0.10
Fairmount Street	0.15	Rose Street	0.08
Western Avenue	0.29	South Street	0.08
Carlson St.	0.09	Trading Cove Dr.	0.28
Overlook Rd.	0.09	Aqua Street	0.03
Fairview Ave.	0.12	Shore Road	0.08
Monroe Street	0.07		0.39
Alms house Lane	0.07		
Grant Court	0.25	TOTAL	6.06
	2.77		
CENTRAL AREA			
Raymond Place	0.03		
Freeman Ave	0.14		
Warren St	0.2		
Vine Street	0.12		
Chestnut Street	0.31		
Willow Street	0.09		
	0.89		
The roads which have been identified are tentative only.			
Specific roads are subject to change			

2021 PROPOSED PAVING

GREENVILLE			THAMESVILLE	
South Golden	0.08		Westwook Park	0.14
Erin Street	0.05		Clifton Place	0.19
White Street	0.05		Stanley Place	0.1
Larry Street	0.15		Oakwood Knoll	0.15
Harvard Terrace	0.16		Pembroke Ave	0.11
Lois St	0.16		Elizabeth St. Ext.	0.14
Margerie St	0.17		Wilmot Ave	0.2
Sylvester St	0.16		Allyn Ave	0.38
Tilton St	0.03		Ann Ave.	0.05
	1.01		Edgewood dr.	0.12
			Perry Ave	0.24
YANTIC AREA			Curran St	0.16
Chapel hill road	0.04		Commodore st	0.15
			Sylvan Street	0.47
WEST SIDE AREA			Gallup st	0.05
Maple Street	0.67		Regina St	0.07
Wiley Street	0.15		Evans	0.08
High Street	0.43		Hunt St	0.08
Forest Street	0.14			2.88
Melrose Park Road	0.25			
Jones ave	0.04		EASTSIDE AREA	
Jones Court	0.29		Talman Street Ext.	0.26
	1.97		Penobscott	0.13
			Fowler Ave	0.12
CENTRAL AREA			Rock Street	0.04
Spaulding St	0.1		Hedge Ave	0.17
Otis St	0.17		Carter Ave	0.13
Frances Place	0.03		Mulberry St	0.11
Perkins Ave.	0.15			0.96
	0.45			
			TOTAL	7.31

The roads which have been identified are tentative only.

Specific roads are subject to change

2022 PROPOSED PAVING

YANTIC AREA			
Fitchville Road (Yantic Area)	0.39	CENTRAL AREA	
Vergason Lane	0.04	Lincoln Ave	
Gifford Lane	0.23	William Street	
Sunny Side	0.38	Norton Court	
Sunny Side Road East	0.13	Taylor Drive	
	1.17		
INDIVIDUAL STREET			PLAIN HILL AREA
High Street (West Side Area)	0.43	Lawler Lane (Canterbury tpk. to Sunrise)	
	0.4	Melody Lane	
NORWICHTOWN AREA			Sunrise Street
Philane Drive	0.23	Evergreen Street	
Aspen Court	0.18		
Mountainview Drive	0.35	TAFTVILLE AREA	
Bayberry Hill Road	0.27	Old Canterbury Tpk.	
Beechwood Boulevard.	0.25	School Street (Old Canterbury Turnpike to	
Fruitwood Drive	0.08	Lawler Lane (Canterbury tpk. To School	
Lornadale Drive	0.22	Nemczuck Drive	
Dalewood Drive.	0.15	Caribou Drive	
Knollcrest Road	0.34		
Fernwood Street	0.06		
Cottonwood Road	0.15	TOTAL	
Barnsider Lane	0.07		
Watson Drive	0.10		
	2.45		

The roads which have been identified are tentative only.

Specific roads are subject to change