TOWN OF SPENCER

Office of Utilities & Facilities

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Spencer Roads FMPC Capital Improvement Project

Introduction

(See Web Site for More Information)

The attached documents are a summary introduction of the Spencer Roads FMPC Capital Improvement Project only.

Please go to the Financial Management Planning Committee (FMPC) web page for further information regarding the Town's pavement management program, detailed roads conditions analysis and the Spencer Roads Capital Improvement Project.

http://www.spencerma.gov/Pages/SpencerMA_Bcomm/FinancialManagement/index

If any questions contact the Spencer Utilities and Facilities Office at (508) 885-7525 or (508) 885-7515.

Town of Spencer
Office of the Board of Selectmen
&
Town Administrator

Board of Selectmen:
Robert O. "Bo" Fritze, Jr.
Anthony D. Pepe
John F. Stevens
Chris L. Woodbury
Gary E. Woodbury

Town Administrator:
Adam D. Gaudette
agaudette@spencerma.gov

Information Regarding Spencer's Comprehensive Roads Project

Fall 2015

Dear Residents of Spencer,

I am writing to advise you of the efforts of the Town's Financial Management Planning Committee (FMPC) to improve the conditions of the roads in Spencer. The FMPC, which is a subcommittee of the Board of Selectmen, the Finance Committee, and the Capital Improvements Planning Committee, is working on your behalf to analyze the most efficient and cost effective method of improving the conditions of the Town's roadway network.

In 2012, the FMPC surveyed residents on which large scale projects they would consider their priority for the use of additional taxes as the funding source and the overwhelming top priority of the respondents was **Road Improvements** (42.5%), while also considering David Prouty High School renovations (26.5%), Municipal building repairs (11%), Municipal equipment purchases (7.5%), a new Senior Center building (7%), and Bay Path Vocational School renovations (6%).

Knowing that improving our roadway network is of the highest priority, the FMPC is working with our Utilities & Facilities Department (U&F) and a Pavement Management Consultant (FST) to evaluate the extent of the improvements that would be required to bring the conditions of our roads to an acceptable level. In addition to analyzing the improvements needed (road resurfacing and repairs, drainage repairs, bridge work, etc.), the FMPC, along with U&F and FST, are evaluating a cost method and infrastructure improvement approach such that any dollars put into this project, will give us the most "bang for our buck". We want to ensure that the improvements that will be proposed, estimated to be $20-$30 million, are on those parts of the roadway network that are of the utmost importance based on vehicle trips per day, commuter access and public safety.

The FMPC will be working diligently on this effort over the next 6 months with plans of providing the voters with an option for funding the suggested improvements. During this time there will be an informational announcement at the Fall Special Town Meeting on November 19, 2015, public hearings in January, February and March, and document uploads on our website www.spencerma.gov.

We look forward to providing this information to you and in return obtaining your feedback on how best to move forward with improving our roads making them safe and convenient for our residents. Please reference our website for further information or updates and if you would like to be put on our email list please send an email to me at agaudette@spencerma.gov requesting to be put on the "Spencer Roads Program email list".

Adam Gaudette
Town Administrator

Financial Managment Planning Committee

Meeting Agendas Meeting Minutes

Spencer Roads Capital Improvement Project

FMPC Road Project Introduction & Informational Handouts

FMPC Roads Project 2015 Fall Town Meeting Handout

FMPC Roads Project Intro 2015 Census Mailer Insert

FMPC Tentative / Concept Roads Project List

Spencer's Pavement Management (PM) Program

Spencer has maintained a pavement conditions index used for roadway project management since 2009. This system has been an important part of our decision making due to the limited resources Spencer has to invest in our roadway infrastructure. Our most recent Pavement Management (PM) Program database update was completed in January 2015, just prior to the many storms. On 3/16/2015 the updated PM report and recommendations were presented to the Spencer Board of Selectmen.

The PM findings show that Spencer's roadway infrastructure conditions have been declining for some time. And that Spencer's roadway network conditions are now in a state of rapid and steep decline due to many years of inadequate funding and investments. In order to get this situation back under control a substantial re-investment in Spencer's roadway infrastructure is necessary. It is anticipated that in the near future a local transportation funding bond will be proposed to keep this situation from spiraling out of control which if allowed to continue would double or triple our cost to restore our roadway infrastructure assets in just a few years. This winter has been particularly harsh and has worsened roadway base and surface conditions considerable since the January 2015 PM update.

Spencer 2015 Pavement Management (PM) Update & Recommendations

The following documents related to Spencer's Pavement Management (PM) Program are attached for reference.

- 2013-06 Pavement Management Article – What is Pavement Management?
- 2012-12-18 State House Pavement Management Presentation – The importance of Pavement Management
- Spencer PM Recommendations Cover Letter FY2015 – Roadway Infrastructure Funding Recommendations
- Spencer PM Presentation 2015-03-16 – March 2015 Presentation to the Spencer Board of Selectmen
- Spencer PM Summary FY2015 - March 2015 Presentation to the Spencer Board of Selectmen
- Spencer PM Street-by-Street Detail Report FY2015 – Spencer's Street-by-Street Detail Report

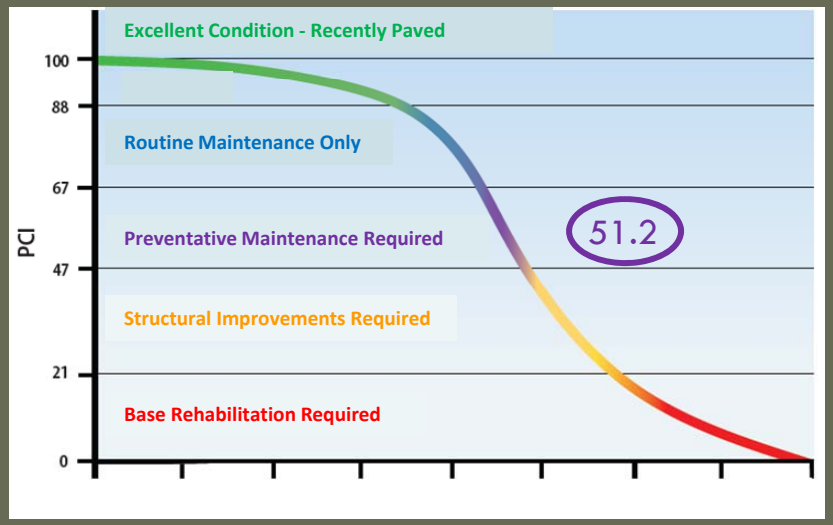
Important Notes:

The funding scenarios presented in the above documents are for the costs of the existing roadway pavement only do not include costs for: sidewalks, utilities, stormwater, drainage, sidewalks, safety enhancements, widening, signage, pavement markings, bridges, culverts, or survey, ROW, design,

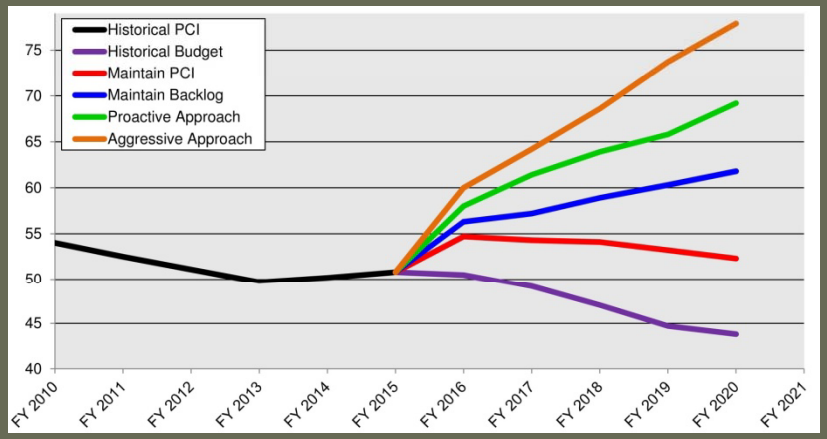
permitting and engineering. Depending upon the roadway segment the added costs for these additional work items could increase the total costs actually required to rehabilitate a particular roadway segment by 20-30% or more. Therefore, whichever pavement management budget scenario is selected the total dollars invested should be adjusted to account for these additional roadway rehabilitation related costs.

Special thanks to William Scarpati, Senior Asset Management Specialist, and Fay, Spofford & Thorndike (FST) for all their expertise and assistance with developing and updating Spencer's Pavement Management Program.

- The Town has a significant backlog of required road improvements (pavement, drainage, bridges, sidewalks) estimated at over $30 Million.
- Our current funding of approximately $500,000 per year from State Ch. 90 Funds is not enough to address the backlog or even maintain current condition levels known as PCI (Pavement Conditions Index).
- Our PCI level is ranked at 51.2 on a PCI scale of 1-100 and is extremely poor relative to other communities that have road program funding over and above Ch. 90 funds.



- The Town is evaluating required funding levels and impacts to tax payers to improve our road conditions.
- If we rely solely on Ch. 90 funds, our road conditions will continue to deteriorate and so will our PCI .



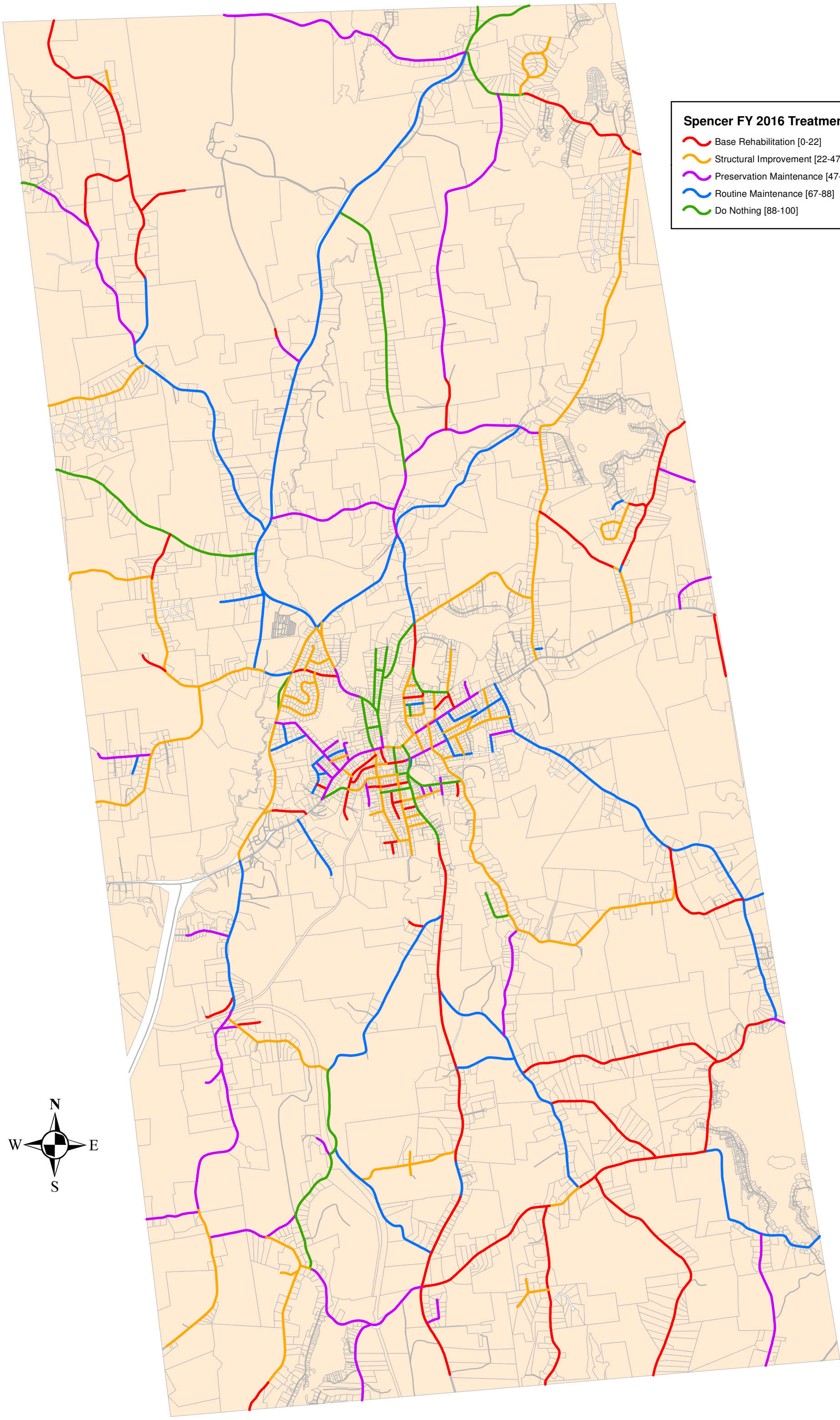
Email the Town Administrator:
agaudette@spencerma.gov

Visit the Town Website (www.spencerma.gov) or direct link at:
http://www.spencerma.gov/pages/spencerma_bcomm/FinancialManagement/index

November 19, 2015

Comprehensive Road Project Analysis & Funding

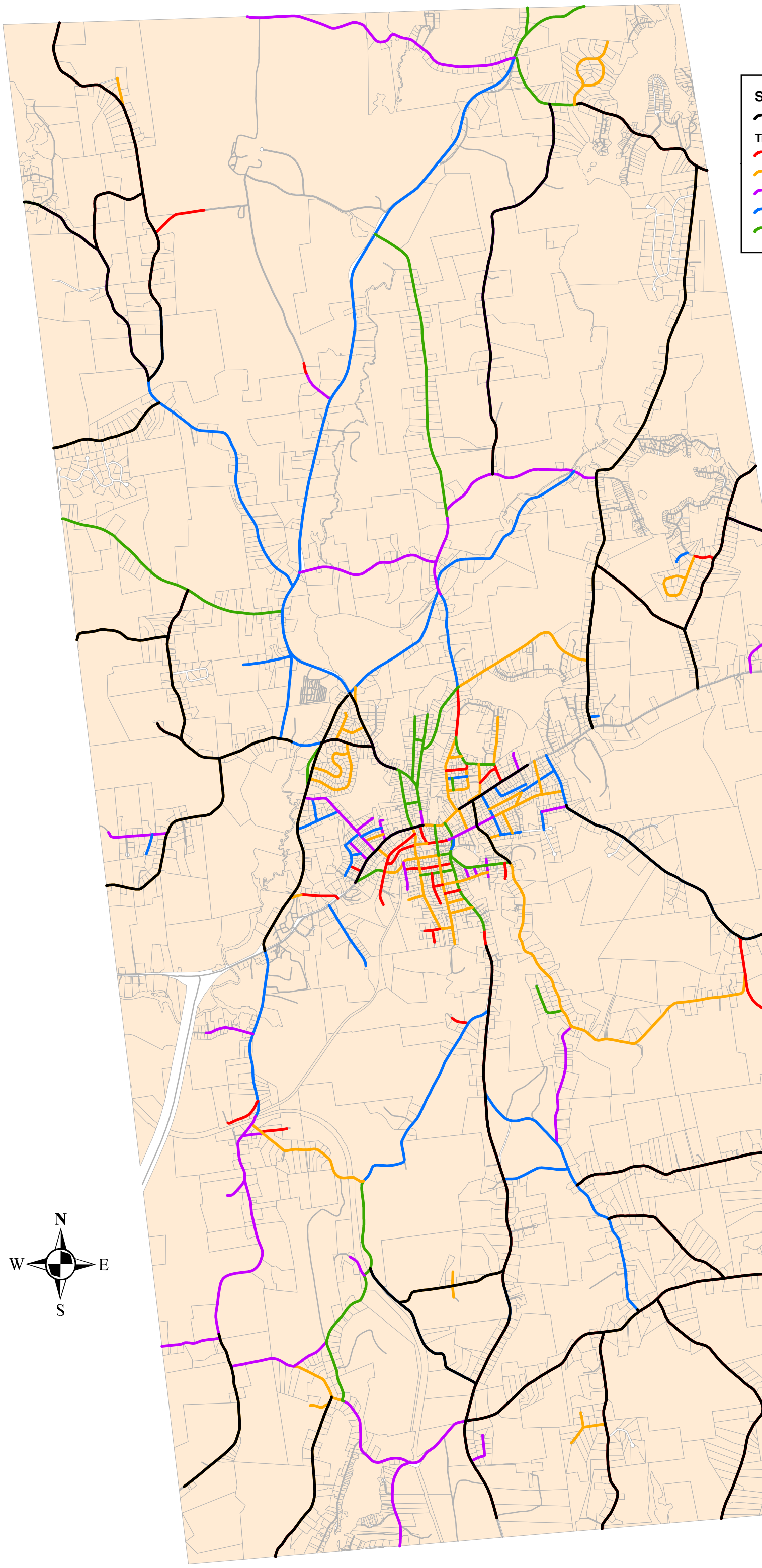
Spencer Network Roadway Conditions



Town of Spencer Proposed Roadway Restoration Bond Project

Street	From	To	Spencer Rating (1-5)	Length (ft)	Pavement Activity	Estimated Cost
ASH STREET	MAIN STREET	CLARK STREET	2	2265	Resurface	$ 993,770
BACON HILL ROAD	CHARLTON ROAD	EAST CHARLTON ROAD	1	5047	Reclaim	$ 643,650
BORKUM ROAD	CLARK ROAD	CHARLTON TOWN LINE	1	8306	Double Chip	$ 711,770
BROOKS POND CROSS ROAD	BROOKS POND ROAD	NORTHWEST ROAD	1	3080	Reclaim	$ 403,004
BROOKS POND ROAD	NORTHWEST ROAD	NORTH BROOKFIELD TOWN LINE	3	6994	Double Chip	$ 487,766
BROWING POND ROAD	Bridge No. S-23-18	over SEVEN MILE RIVER	B2 / S1			$ 170,500
BUTEAU ROAD	CLARK ROAD	CHARLTON TOWN LINE	3	4436	Double Chip	$ 259,570
CHARLTON ROAD	MAPLE STREET	CHARLTON TOWN LINE	1	17624	Reclaim	$ 3,900,120
CHICKERING ROAD	CLARK ROAD	LEICESTER TOWN LINE	1	5999	Reclaim	$ 831,589
CLARK ROAD	EAST CHARLTON ROAD	CHICKERING ROAD	1	4410	Reclaim	$ 576,973
COONEY ROAD	Bridge No. S-23-13	over SEVEN MILE RIVER	B3 / S1			$ 59,500
DONNELLY CROSS ROAD	DONNELLY STREET	LEICESTER TOWN LINE	1	5475	Double Chip	$ 342,245
DONNELLY CROSS ROAD	Bridge No. S-23-15	over Shaw Brook	B1 / S1			$ 497,500
DONNELLY ROAD	MAIN STREET	PAXTON ROAD	1	5047	Resurface/Double Chip	$ 322,423
EAST CHARLTON ROAD	100' N OF CLARK ROAD	CHARLTON TOWN LINE	1	7414	Double Chip	$ 527,422
G HENRY WILSON ROAD	EAST CHARLTON ROAD	CHICKERING ROAD	1	6993	Reclaim	$ 933,963
GAUTHIER ROAD	CHARLTON ROAD	CRANBERRY MEADOW ROAD	3	4896	Double Chip	$ 301,192
GOLD NUGGET ROAD	Bridge No. S-23-06	over TURKEY HILL BROOK	B3 / S1			$ 57,500
GREENVILLE STREET	SUNSET LANE	CHICKERING ROAD	3	15662	Resurface	$ 1,469,430
HASTING ROAD	Bridge No. S-23-10	over TURKEY HILL BROOK & 2 Intersections	B1 / S1			$ 496,350
HOWARD HURLEY ROAD	DONNELLY CROSS ROAD	LEICESTER TOWN LINE	2	1266	Double Chip	$ 104,082
KITTREDGE ROAD	NORTHWEST ROAD	NORTH BROOKFIELD TOWN LINE	2	3578	Double Chip	$ 202,334
MAIN STREET	SUMNER STREET	HIGH STREET	3	2420	Resurface	$ 932,769
MAIN STREET	TOWN HALL	350' E OF PARK STREET	3	2750	Resurface	$ 1,099,101
MAIN STREET (2016 TIP Project)	Downtown Supplement for	Construction, ROW & Streetscape Lighting	3	2750	Resurface	$ 1,406,000
MARBLE ROAD	EAST CHARLTON ROAD		1	4168	Reclaim	$ 790,442
MCCORMACK ROAD	GOLD NUGGET FARM ROAD	THOMPSON POND ROAD	2	12004	Double Chip	$ 623,187
MEADOW ROAD (TIP Elligable)	WEST MAIN STREET	PLEASANT STREET	1	8210	Reclaim	$ 3,345,000
NORCROSS ROAD	WOODSIDE ROAD	NORTH BROOKFIELD TOWN LINE	2	2924	Double Chip	$ 220,097
NORTHWEST ROAD	BROOKS POND ROAD	OAKHAM TOWN LINE	1	12288	Double Chip	$ 737,249
PAXTON ROAD	MAIN STREET	THOMPSON POND ROAD	1	17662	Reclaim	$ 4,492,042
PLEASANT STREET	100' N OF HIGH STREET	MEADOW ROAD	2	1247	Resurface	$ 573,186
NORTH SPENCER ROAD	Bridge No. S-23-12 (TIP Elligable)	over SEVEN MILE RIVER	B1 / S1			$ 1,390,000
SMITHVILLE ROAD	PLEASANT STREET	EAST BROOKFIELD TOWN LINE	2	10107	Resurface	$ 2,068,004
SOUTH SPENCER ROAD	TOM CASEY ROAD	EAST BROOKFIELD TOWN LINE	1	5329	Double Chip	$ 376,210
SOUTH SPENCER ROAD	Bridge No. S-23-19	over CRANBERRY RIVER	B3 / S1			$ 62,500
SUNDBERG ROAD	CHARLTON ROAD	GAUTHIER ROAD	1	3353	Double Chip	$ 206,895
THOMPSON POND ROAD	SHERWOOD DR	PAXTON TOWNLINE	1	4556	Reclaim	$ 651,778
THOMPSON POND ROAD	Bridge No. S-23-16	over Thompson Pond	B3 / S2			$ 55,500
WILLIAM CASEY ROAD	JOLICOEUR ROAD	CHARLTON TOWN LINE	1	5206	Double Chip	$ 308,878
WIRE VILLAGE RD BRIDGE	Bridge No. S-23-05	over TURKEY HILL BROOK	B3 / S1			$ 71,900
WOODSIDE DRIVE	WOODSIDE ROAD	NORTH BROOKFIELD ROAD	2	7077	Double Chip	$ 386,943
		Total Miles & Estimated Cost:		**39.9**	**miles**	**$ 34,090,335**

Spencer Proposed Bond Program



Spencer FY 2016 Proposed Program

Spencer Proposed Bond Streets

Treatment Bands

- Base Rehabilitation [0-22]
- Structural Improvement [22-47]
- Preservation Maintenance [47-67]
- Routine Maintenance [67-88]
- Do Nothing [88-100]

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