

Roads Repair Planning – Chester

19/20-20/21	Actions	Approximate Cost
South Wig Hill – West Main Street to Wig Hill top of hill	Catch basin tops, milling, curbs, repaving	\$280,000
Turkey Hill (appx ½)	grading and repaving	\$75,000
Goose Hill road	Milling and repaving	
Various roads	Crack sealing, chip seal	
21/22?		
Maple St from flagpole to Parking lot	Repave – part included in Main St Project	unk
Hoop Hole Hill	Drainage and paving	unk
22/23?		
North Main/Meeting House/Goose Hill	Water main, redesign intersection, repave and drainage	Large project if done completely – grant or bond funded
Future		
Deep Hollow and Liberty	Reclaim brook bank, rebuild road, move stream, rip rap	Unknown, involves DEEP, fisheries, engineering – large cost, possible grant funded project or future bonding. Waiting for approximate estimate from Jacobson

355,000

Roads Capital ~~334.5K~~ 334.5K
 Town Rd Aid ~~190K~~ 190K
~~142.5K~~ 142.5K

Local Municipal Grant (44.4K) (59.3K) 133.7

2016 ROAD INVENTORY SUMMARY

Road Name	Sewer District	Length (miles)	Width (feet)	Area (s.y.)	Year Last Resurfaced	Year Last Reviewed	Next Year to Re-Surface	D.O.T. Map Grid No.	# Town Bridges	# Basins	# Head-Walls	Notes
Denlar Drive	2	0.22	26	3,356	unknown	2016	2016	I-03		5		chip seal 2017
Inspiration Lane	3	0.31	24	4,365	2005	2016	2016	G-05		14		chip seal to protect soon
Kings Highway	2	0.51	23	6,882	2006	2016	2016	J-04	1	4	2	fix rough spots and chip seal 2017
Patterson Drive	2	0.19	24	2,675	1995	2016	2016	I-04		7		crack seal 2017
Prospect Street	1	0.29	22	3,743	1996	2016	2016	J-06		6		BRIDGE/CULVERT REPLACE 2017 and crack seal
South Wig Hill Road	4	0.055	20	6,453	1994	2016	2016	F-05		20	1	PRIORITY 1 2017 - new base, tops, new curb
Waterhouse Lane	2	0.38	24	5,350	1995	2016	2016	I-04		15		BRIDGE/CULVERT REPLACE 2017 and crack seal
Bokum Road	1	0.88	20	10,325	2001	2016	2017	H-06		8	4	BRIDGE/CULVERT REPLACE 2017 and crack seal
Marina View Drive	1	0.06	24	845	2009	2016	2017	L-05		2		BRIDGE/CULVERT REPLACE 2017 and crack seal
Meadow Lane	2	0.13	22	1,678	1990	2016	2017	I-02				only a couple of spots to resurface
N Cedar Lake Road	4	1.25	20	14,667	2002	2016	2017	C-04				PRIORITY 3
North Main Street	3	0.39	22	5,034	2011	2016	2017	J-05				chip seal with Denlar 2017
Straits Road	1	0.88	20	10,325	2011	2016	2017	I-06	1	13	7	overlays 2017
Sunset Avenue	1	0.09	20	1,056	1996	2016	2016	H-06				resurface with Goose Hill and water main
Turkey Hill Road	4	1.76	20	20,651	2004	2016	2017	D-02		1	2	bottom only 2017
Bailey Road	4	0.07	22	903	1997	2016	2018	D-05		1		chip seal 2017
Bates Road	3	0.14	20	1,643	2008	2016	2018	H-05		3		chip seal 2017
Bishop Road	4	0.21	20	2,464	1997	2016	2018	D-05		2		chip seal 2017
Brookside Road	4	0.09	24	1,267	1997	2016	2018	D-05		3		chip seal 2017
David Road	4	0.06	24	845	1997	2016	2018	D-05				chip seal 2017
Liberty Street	3	0.52	24	7,322	2006	2016	2018	H-05	1	8	2	chip seal 2017
Main Street	1	0.49	30	8,624	2015	2016	2018	J-05		23	1	Main Street III 2018-19
Nebh Road	4	0.04	20	469	1997	2016	2018	D-05				chip seal 2017
Old Depot Road	1	0.31	20	3,637	2007	2016	2018	K-05		5		chip seal 2017
Parlers Point Road	2	0.26	26	3,966	2004	2016	2018	J-02		5		chip seal 2017
Pleasant Street	3	0.52	25	7,627	2008	2016	2018	H-05		15	1	part of road already repaved
Deep Hollow Road	3	0.69	20	8,096	2006	2016	2019	G-05	3	3	5	crack seal 2017 - BRIDGE and bank work
East Liberty Street	2	0.42	20	4,928	2006	2016	2019	J-04		1	5	crack seal 2017 - BRIDGE and bank work
Gorham Road	1	0.09	20	1,056	2006	2016	2019	H-06		2		crack seal 2017 - BRIDGE and bank work
Gostling Lane	1	0.07	20	821	2006	2016	2019	J-06		8	2	crack seal 2017 - BRIDGE and bank work
Railroad Avenue	1	0.71	20	8,331	2006	2016	2019	K-05		2		crack seal 2017 - BRIDGE and bank work

BOOK ?

1

2016 ROAD INVENTORY SUMMARY

Ridge Road	3	0.44	20	5,153	2014	2016	2019	H-05		8	1	
Spring Street	1	0.87	20	10,208	2006	2016	2019	H-06		27	3	
Wig Hill Road	3 & 4	1.76	22	22,716	2006	2016	2019	G-05	2	45	7	
Baker Road	5	0.67	20	7,861	2004	2016	2020	F-06		15	2	
Bartlewicz Road	4	0.21	20	2,464	2005	2016	2020	F-05		1	1	
Birch Street	4	0.06	20	704	2002	2016	2020	D-05				
Cedar Street	4	0.12	20	1,408	2002	2016	2020	D-05			1	
East Kings Highway	2	0.29	20	3,403	2006	2016	2020	K-04		1		crack seal 2017
Goose Hill Road	2	1.84	20	21,589	2006	2016	2020	J-02		28	5	crack seal 2017
Hazen Street	4	0.12	20	1,408	2007	2016	2020	D-05		6		
Johnson Road	3	0.08	20	939	2005	2016	2020	J-05				
Lake View Avenue	4	0.21	19	2,341	2007	2016	2020	D-05		4	2	
Laurel Street	4	0.15	20	1,760	2007	2016	2020	D-05			2	
Old County Road	3	0.6	20	7,040	2007	2016	2020	H-02		7	8	crack seal 2017
Sypher Road	5	1.03	22	13,294	2005	2016	2020	B-08		1	2	
Butter Jones Road	5	0.60	20	7,040	2012	2016	2021	C-07			4	
Cedar Lake Road	4	1.53	20	17,952	1997	2016	2021	C-04	1	22	25	overlay 2 places 2017
Gilbert Hill Road	1	0.36	20	4,224	2009	2016	2021	K-06		10		crack seal 2017
Grote Road	1	0.44	23	5,937	2006	2016	2021	K-05		8	1	crack sealed 2013?
High Street	3	0.40	20	4,693	2009	2016	2021	J-05		14		
Jagger Lane	3	0.05	20	587	2007	2016	2021	J-05				
Pelton Hill Road	3	0.07	20	821	2007	2016	2021	J-05				
Pine Knoll Drive	5	0.42	24	5,214	1995	2016	2021	D-06		16		
Castle View Drive	2	0.62	26	9,457	2012	2016	2022	J-03		21		crack seal 2017
Cross Road	5	0.62	20	7,775	2008	2016	2022	C-07		4	3	
Hickory Hill Drive	1	0.31	25	4,547	2012	2016	2022	J-06		11		chip seal 2017
Hoop Pole Hill Road	5	1.48	20	17,365	2009	2016	2022	F-07	1 base culvert	15	5	
Kirland Avenue	2	0.08	26	1,220	2012	2016	2022	K-03		3		
Maple Street	1	0.71	20	8,331	2011	2016	2022	J-06		11	5	do bottom with Main Street III 2018-19
Pinnacle Lane					2014	2016	2022			15		
School Lane	1	0.11	20	1,291	2007	2016	2022	K-05		3		
Story Hill Road	2	0.48	20	5,632	2004	2016	2022	J-05		8		
Cedar Swamp Road	5	1.45	20	17,013	2016	2016	2024	E-08		2	2	
Dock Road	1	0.46	20	5,397	2014	2016	2024	K-04	1	4		

Completed Energy-Saving Projects

NOTES	Date completed	Project	Energy Savings per year	\$ Savings per year	Notes	Cost (loan)	Project to date savings
This will be redone with new LED lights in 2020	2009	With Eversource, conducted energy audits of all town buildings					\$ 13,060
	2009	Had all lighting in Town Hall upgraded to new fluorescents	8160 kWh	\$1,306	Note 6		
Is this still happening? Can we see historical electrical cost	2009	Purchased two Kill-o-Watt electric meters to be loaned from the Chester Public library	---	---			
	2009	Secured a grant to install energy-efficient rollup doors as part of renovations to the Town Fire House	---	---			
	2009	Set up a program for the Finance Department to provide the E-Team with a monthly summary of use and cost information for oil, electricity and water.	---	---			
Has this provided any savings?	2009	The E-Team began entering town energy data into the EPA Portfolio Manager data base.	---	---			
	2010	Authorized the Public Works Department to use biofuels in town-owned trucks to reduce the Town's dependence on fossil fuels	---	---			
This will be redone with new LED lights in 2020	2010	As a result of an Eversource electrical audit, upgraded all lighting in the Chester Elementary School.		\$10,000	Note 6		
	2010	Had enclosures built for HVAC eqpt in attic of Town Hall					
How was this used?	2012	The Town committed to purchasing henceforth enough electricity from renewable sources to meet the 20% goal	achieved				
	2013	Through PPAs, installed solar panels on both the Elementary School and the Town Hall		\$1,200	NOTE 1		7200
How has this worked out?	2014	Earned a \$5000 Bright Ideas Grant for energy-saving accomplishments.		\$5,000			
	2015	Conducted a "bulb swap" to distribute CFLs (?) and LED to Town Residents	see 2018-19 below				
	2015	Town Hall attic: sealed gaps in insulation and added 12" of cellulose insulation	1192 gals	---	26% reduction 2018 vs 2009, Note 6		

