

Department of Public Works
Construction and Resurfacing
Five-Year Capital Forecast
2012 - 2016

Road	Type of Work	Township	2012	2013	2014	2015	2016	Total	Service Life Extension (km-years)	Description
3	Rehab	CM					600,000	600,000	48	CIR from City limits to 0.8 km east of Hwy 7 (2.7 Km)
4	Pres.	DD	200,000					200,000	44	Microsurfacing from Warsaw west for 5.5 Km
4	Rehab	DD		700,000	700,000			1,400,000	117	CIR from Donwood to Hwy 28 - 6.5 km
4	Reconst.	DD			30,000	500,000		530,000	25	Village of Warsaw from CR 38 to North limit (1.0 km)
5	Pres.	CM				150,000		150,000	24	Micro from City limit to Hwy 7 (3 km)
9	Rehab	CM			460,000			460,000	43	Pulverize/pave from Hwy 7 east for 2.4 km
12	Rehab	SEL					550,000	550,000	54	CIR from City limits to Ackison Road (3 km)
15	Pres.	CM				150,000		150,000	24	Micro from City limit to Hwy 7 (3 km)
16	Rehab	SEL	1,045,000					1,045,000	54	CIR from Ennismore to Edenderry Line (3 km)
18	Pres.	SEL			220,000			220,000	52	Micro from CR23 to CR20 (6.5km)
19	Reconst.	SEL					500,000	500,000	18	Pulverize/pave for 1.1 km
21	Pres.	CM		170,000				170,000	44	Micro from CR28 to Millbrook (5.5 Km)
21	Reconst.	CM	70,000					70,000	0	EA & Pre-Eng Millbrook W
23	Pres.	SEL/GCH		350,000				350,000	80	Micro from CR 20 north to Buckhorn (10 Km)
23	Resurf	SEL/GCH				300,000		300,000	12	Mill/pave within urban limits of Buckhorn (1 km)
29	Rehab	SEL					375,000	375,000	40	CIR from CR 23 north to west limit of Lkfld (2.2 km)
36	Pres.	GCH			240,000			240,000	56	Micro from Hwy 28 west for 7 Km
36	Pres.	GCH	270,000					270,000	56	Micro from CR 23 north to CR 507 (7 km)
37	Rehab	GCH		745,000				745,000	77	CIR from Adam&Eve Road to Shaw's Road (4.25 km)
37	Resurf	GCH	230,000					230,000	24	Overlay from Lakehurst Circle Rd. westerly for 2 km
38	Pres.	OSM		220,000				220,000	48	Micro from Hwy 7 south for 6 km
40	Resurf	DD			1,210,000			1,210,000	60	CIR from Rotten Lake south for 5.0 km
42	Resurf	AN				650,000		650,000	60	Overlay from CR45 east for 5 km
46	Pres.	HBM				200,000		200,000	40	Micro from 3.5 km north of CR44 north for 5 km
48	Rehab	HBM		680,000				680,000	90	Pulverize/DST from Freemans Corners west for 5 km

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48	Rehab	HBM	270,000					270,000	66	Pulverize/DST from Mary St. to 6th Line for 3.65 km
56	Rehab	NK					810,000	810,000	81	Pulverize/pave from FR 10 east for 4.5 km
507	Rehab.	GCH				900,000		900,000	90	Pulverize/pave from CR 36 north for 5 km
620	Pres.	NK	250,000					250,000	52	Micro from CR 54 north for 6.5 km
620	Rehab.	NK	500,000					500,000	30	Reconst. from CR 620A to Balmer Rd (1.2 km)
TOTAL COST			2,835,000	2,865,000	2,860,000	2,850,000	2,835,000	14,245,000	-	-
TOTAL SERVICE LIFE EXTENSION (km-years)			326	397	295	250	241	-	1,509	-

Supplementary Schedule

Projects Not in Five-Year Forecast

Road	Type of Work	Township	Cost	Description
8	Rehab.	DD/AN	\$ 240,000	Pulverize, restore cross section and DST (C/O from 2011 - CR 40 west for 2.75 km)
44	Rehab.	HBM	\$ 350,000	Pulverize, restore cross section and DST (from CR 6 south for 4.2 km)
504	Rehab.	NK	\$ 320,000	Pulverize, restore cross section and DST (Whitmore Rd east for 6.1 km)
TOTAL			\$ 910,000	

Department of Public Works
 Transportation Plan Implementation
 Five-Year Capital Forecast
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Project	Classification	2012	2013	2014	2015	2016	Total
Bridgenorth By-Pass	County Road Enhancement			50,000	50,000	50,000	150,000
Ward St. Widening	County Road Enhancement	50,000					50,000
Signalization CR28/CR21	Optimization & Safety Improvement	30,000	200,000				230,000
Signalization of Ward/Wilcox Intersection CR 29 & Conc.	Optimization & Safety Improvement	320,000					320,000
CR 18 Widening	Optimization & Safety Improvement				150,000		150,000
CR 20 Upgrade from CR18 to Selwyn	County Road Upgrade	50,000	50,000	500,000	1,200,000		1,800,000
CR 30 Upgrade/Reconst.	County Road Upgrade	1,290,000					1,290,000
Total		1,740,000	250,000	550,000	1,400,000	50,000	3,990,000

Department of Public Works
 Bridge and Culvert Rehabilitation and Construction
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Structure No.	Name	Location	Scope of Work	2012	2013	2014	2015	2016	Total
2002	Keene Bridge	OSM	Rehabilitate	640,000					640,000
2004	Davidson' Bridge	AN	Rehabilitate		45,000	550,000			595,000
8002	Oakdale Bridge	DD	Rehabilitate	30,000	400,000				430,000
9002	Wards Bridge	CM	Rehabilitate	30,000	425,000				455,000
5431	Culvert - CR 48	HBM	Replace			50,000	568,000		618,000
620003	Crowe River Bridge	NK	Rehabilitate	35,000	500,000				535,000
36002	Deer Bay Culvert	GCH	Replace					1,000,000	1,000,000
46001	North River Bridge	HBM	Rehabilitate			25,000	250,000		275,000
99034	Tully's Bridge	SEL	Replace			90,000			90,000
99019	Birdsall Bridge	AN	Replace	900,000					900,000
23001 & 23002	Lower Buckhorn Lake & Trent Canal Bridges	SEL/GCH	Rehabilitate			75,000	750,000		825,000
Misc.	Various	Various	Deck Condition Survey	25,000	25,000	25,000	25,000	25,000	125,000
-	James Gifford Causeway	SEL	Design/ Approvals	200,000					200,000
Total				\$ 1,860,000	\$ 1,395,000	\$ 815,000	\$ 1,593,000	\$ 1,025,000	\$ 6,688,000