

**Exhibit B- Proposed Five-Year Road Maintenance Program**

**PROGRAMMED IMPROVEMENTS  
LIBERTYVILLE TOWNSHIP HIGHWAY DEPARTMENT  
2019-2020 BUDGET YEAR**



Street	From	To	Length (ft)	Width (ft)	Area (sq)	PCR	2019 Rehabilitation Cost	2018 Rehabilitation Cost	
<b>Resurfacing</b>									
Casey Road	US 45	Almond	6,530	24	17,880	57	\$303,680.00	\$292,000.00	
Liberty Road	Casey Road	Steger Road	1,137	21	2,853	62	\$46,905.04	\$45,101.00	
Ranch Road	Casey Road	Steger Road	1,102	21	2,572	62	\$45,472.96	\$43,724.00	
Steger Road	Ranch Road	Liberty Road	457	22	1,118	67	\$19,766.24	\$19,006.00	
Surface Patching- Bull Creek Subdivision								\$26,000.00	\$25,000.00
							Resurfacing subtotal (Estimated):	\$441,824.24	\$424,831.00
<b>Drainage Improvement Project</b>									
Countryside Manor Drainage Improvements Project - Phase 2								\$187,200.00	\$180,000.00
<b>Federally Funded Project Costs</b>									
Rockland Road- Phase II (Amount shown eligible for 80% reimbursement)								\$31,200.00	\$30,000.00
Oak Spring Road Bridge- Phase II Engineering & Land Acquisition (Amount shown eligible for 85% reimbursement)								\$62,400.00	\$60,000.00
Rockland Road Bridge- Phase I Engineering (Amount shown eligible for 88% reimbursement)								\$75,883.20	\$75,883.20

4% Annual Inflation Compounded: \$10,800.00

**Total:** \$799,000.00 \$771,000.00

**Total After Reimbursement:** \$658,000.00 \$630,000.00

(Note: Totals Rounded to nearest \$1,000)

**Total Length (FT)** 9326  
**Total Length (Miles)** 1.77

**Exhibit B- Proposed Five-Year Road Maintenance Program**

**PROGRAMMED IMPROVEMENTS  
LIBERTYVILLE TOWNSHIP HIGHWAY DEPARTMENT  
2020-2021 BUDGET YEAR**



Street	From	To	Length (ft)	Width (ft)	Area (sq)	PCR	2020 Rehabilitation Cost	2018 Rehabilitation Cost
<b>Resurfacing</b>								
Casey Road	Almond	IL 21	4,480	24	11,947	57	\$208,000.00	\$200,000.00
Countryside Drive	Old Peterson Road	Terminus	2,060	22	5,036	59	\$109,515.53	\$103,228.89
St. Andrews Drive	Bull Creek Drive	Terminus	594	22	1,452	61	\$31,578.75	\$29,766.00
Valley Court	Countryside Drive	Terminus	428	20	951	63	\$20,685.19	\$19,497.78
Country Court	Countryside Drive	Terminus	844	20	1,876	66	\$40,790.43	\$38,448.89
Resurfacing Subtotal (Estimated):							\$410,569.90	\$390,941.56
<b>Federally Funded Project Costs</b>								
Rockland Road- Construction Costs (20% Township Share)			3,520	26	10,169	51	\$432,640.00	\$400,000.00
Rockland Road- Phase III (Amount shown eligible for 80% reimbursement)							\$216,320.00	\$200,000.00
Oak Spring Road Bridge- Phase II Engineering (Amount shown eligible for 85% reimbursement)							\$140,608.00	\$130,000.00
Rockland Road Bridge- Phase II (Amount shown eligible for 98% reimbursement)							\$50,835.20	\$47,000.00

4% Annual Inflation Compounded:		\$63,031.54
<b>Total:</b>	<b>\$1,251,000.00</b>	<b>\$1,168,000.00</b>
<b>Total After Reimbursement:</b>	<b>\$939,000.00</b>	<b>\$856,000.00</b>

*(Note: Totals Rounded to nearest \$1,000)*

**Total Length (FT)**            11926  
**Total Length (Miles)**       2.26

**Exhibit B- Proposed Five-Year Road Maintenance Program**

**PROGRAMMED IMPROVEMENTS  
LIBERTYVILLE TOWNSHIP HIGHWAY DEPARTMENT  
2021-2022 BUDGET YEAR**



Street	From	To	Length (ft)	Width (ft)	Area (sq)	PCR	2021 Rehabilitation Cost	2018 Rehabilitation Cost	
<b>Surface Patching</b>									
Old Hickory Lane, Oak Pond Lane, Hawthorne Lane, Oak Spring Lane, Tanya Trail, Timber Lane, River Drive							\$44,994.56	\$40,000.00	
<b>Federally Funded Project Costs</b>									
Oak Spring Road Bridge- Construction Costs (16% Township Share)							\$449,945.60	\$400,000.00	
Oak Spring Road Bridge- Phase III Engineering (Amount shown eligible for 84% reimbursement)							\$309,337.60	\$275,000.00	
Rockland Road Bridge- Phase II (Amount shown eligible for 96% reimbursement)							\$52,868.61	\$47,000.00	
							<b>4% Annual Inflation Compounded:</b>	<b>\$90,151.81</b>	
							<b>Total:</b>	<b>\$812,000.00</b>	<b>\$762,000.00</b>
							<b>Total After Reimbursement:</b>	<b>\$547,000.00</b>	<b>\$485,880.00</b>
<i>(Note: Totals Rounded to nearest \$1,000)</i>									
			<b>Total Length (FT)</b>	164					
			<b>Total Length (Miles)</b>	0.03					

**Exhibit B - Proposed Five-Year Road Maintenance Program**

**PROGRAMMED IMPROVEMENTS  
LIBERTYVILLE TOWNSHIP HIGHWAY DEPARTMENT**



2022-2023 BUDGET YEAR

Street	From	To	Length (ft)	Width (ft)	Area (sq)	PCR	2022 Rehabilitation Cost	2018 Rehabilitation Cost
<b>Resurfacing</b>								
Idlewood Lane	Oak Grove Ave	Terminus	1,273	20	2,829	58	\$65,270.76	\$57,992.22
Pinewood	Clover Lane	Terminus	893	20	1,984	62	\$45,786.95	\$40,681.11
Fair Lane	Oak Grove Ave	Clover Ln	1,099	20	2,442	65	\$56,349.22	\$50,065.56
Fair Lane	Fair Lane	Terminus	144	20	320	66	\$7,383.34	\$6,560.00
Fairlane Lane	Fair Lane	Terminus	201	20	447	66	\$10,305.91	\$9,156.67
Cherrywood Lane	Oak Grove Ave	Pinewood Ln	1,596	20	3,572	66	\$82,416.51	\$73,226.00
Clover Lane	Oak Grove Ave	Fair Lane	1,216	20	2,703	67	\$62,366.13	\$55,411.50
Birchwood Lane	Oak Grove Ave	Terminus	993	20	2,207	67	\$50,921.96	\$45,243.50
Sprucewood Lane	Oak Grove Ave	Terminus	840	20	1,867	67	\$43,077.16	\$38,273.50
Oak Grove Ave	Petersen Road	Terminus	2,021	22	4,941	69	\$114,003.35	\$101,290.50
Resurfacing Subtotal (Estimated):							\$537,881.29	\$477,900.56
<b>Federally Funded Project Costs</b>								
Rockland Road Bridge- Construction Costs (6% Township Share)							\$202,853.47	\$173,400.00
Rockland Road Bridge- Phase III Engineering (Amount shown eligible for 96% reimbursement)							\$253,566.84	\$216,750.00

3% Annual Inflation Compounded:		\$126,251.05
<b>Total:</b>	\$994,000.00	\$868,000.00
10,276 <b>Total After Reimbursement:</b>	\$772,000.00	\$659,920.00

(Note: Totals Rounded to nearest \$1,000)

**Total Length (FT)** 10276  
**Total Length (Miles)** 1.95

*Exhibit B- Proposed Five-Year Road Maintenance Program*

PROGRAMMED IMPROVEMENTS  
LIBERTYVILLE TOWNSHIP HIGHWAY DEPARTMENT  
2023-2024 BUDGET YEAR



Street	From	To	Length (ft)	Width (ft)	Area (sy)	PCR	2023 Rehabilitation Cost	2018 Rehabilitation Cost
<i>Resurfacing</i>								
Forest Knoll Road	Terminus	Terminus	1,129	20	2509	54	\$54,564.44	\$51,432.22
Foster Avenue	Bayonne Avenue	Forest Knoll Road	835	20	1856	54	\$40,355.46	\$38,038.89
Muir Avenue	Bayonne Avenue	Forest Knoll Road	870	20	1933	54	\$42,047.00	\$39,833.33
Plaister Avenue	Bayonne Avenue	Muir Avenue	307	19	648	54	\$14,095.41	\$13,286.28
Quassey Avenue	Bayonne Avenue	Terminus	1,286	20	2858	55	\$62,152.24	\$58,584.44
Imperial Drive	St. Mary's Road	Terminus	2,211	22	5,405	57	\$117,543.12	\$110,795.67
Laurel Drive	Bradley Road	Terminus	1,338	34	5,055	60	\$109,931.17	\$103,620.67
Keith Drive	Laurel Drive	Terminus	378	35	1,470	62	\$31,970.22	\$30,135.00
Resurfacing Subtotal (Estimated):							\$472,659.06	\$445,526.50

3% Annual Inflation Compounded:	\$54,265.13
<b>Total:</b>	<b>\$473,000.00      \$446,000.00</b>

<b>Total Length (FT)</b>	<b>8354</b>
<b>Total Length (Miles)</b>	<b>1.58</b>