PROGRAMMED IMPROVEMENTS LIBERTYVILLE TOWNSHIP HIGHWAY DEPARTMENT 2019-2020 BUDGET YEAR

G A GENALI HAMILTON ASSOCIATES, INC.

Street	From	To	Length (ft)	Width (ft)	Ame (eu)	PCR	2019 Rehabilitation Cost	2018 Rehabilitation Cost
Resurfacing	FIUIII	10	Length (it)	man (11)	Area (sy)	rck	0000	- COST
	110.45	Married	0.000		47.000		6000 500 50	8000 000 00
Casey Road	US 45	Almond	6,630	24	17,680	57	\$303,680.00	\$292,000.00
Liberty Road	Casey Road	Steger Road	1,137	21	2,653	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- I	Bull Creek Subdivision						\$26,000.00	\$25,000.00
				Resi	urfacing subtotal	(Estimated):	\$441,824.24	\$424,831.00
Drainage Improve	ment Project							
Countryside Manor	Drainage Improvements Pro	oject - Phase 2					\$187,200.00	\$180,000.00
Federally Funded	Project Costs							
Rockland Road-Ph	ase II (Amount shown eligib	le for 80% reimbursement)					\$31,200.00	\$30,000.00
Dak Spring Road B	ridge-Phase II Engineering	& Land Acquisition (Amount	shown eligible for 859	% reimburseme	nt)		\$62,400.00	\$60,000.00
Rockland Road Brid	lge- Phase I Engineering (A	mount shown eligible for 88%	reimbursement)				\$75,883.20	\$75,883.20
			4	1% Annual Infla	tion Compounds	od:		\$10,800.00
			1	Total:		-	\$799,000.00	\$771,000.00
			1	Total After Ref	mbursement:		\$658,000.00	\$630,000.00

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

Total Length (FT) 9326 Total Length (Miles) 1,77

PROGRAMMED INPROVEMENTS LIBERTYVILLE TOWNSHIP HIGHWAY DEPARTMENT 2020-2021 BUDGET YEAR

GLA GENALI HAMILTON ASSOCIATES, INC.

							2020 Rehabilitation	2018 Rehabilitation
Street	From	To	Length (ft)	Width (ft)	Area (sy)	PCR	Cost	Cost
Resurfacing								
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
				Resu	rfacing Subtotal	(Estimated):	\$410,569.90	\$390,941.56
Federally Funded Pro	oject Costs							
Rockland Road- Cons	truction Costs (20% Townsh	ip 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 Bridg	% reimbursement)				\$140,608.00	\$130,000.00		
Rockland Road Bridge	- Phase II (Amount shown e	ligible for 96% reimbursem	ent)				\$50,835.20	\$47,000.00

 4% Annual Inflation Compounded:
 \$83,031.54

 Total:
 \$1,251,000.00
 \$1,163,000.00

 Total After Reimbursement:
 \$939,000.00
 \$856,000.00

 (Note: Totals Rounded to nearest \$1,000)
 \$30,000.00
 \$30,000.00

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

PROGRAMMED IMPROVEMENTS LIBERTYVILLE TOWNSHIP HIGHWAY DEPARTMENT 2021-2022 BUDGET YEAR



Street	From	То	Length (ft)	Width (ft)	Area (sy)	PCR	2021 Rehabilitation Cost	2018 Rehabilitation Cost
Surface Patchin	ng							
Old Hickory Lane	e, Oak Pond Lane, Hawthor	e Lane, Oak Spring Lane, Tanya T	rail, Timber Lane,	, River Drive			\$44,994.56	\$40,000.0
Federally Fund	ed Project Costs							
	Oak Spring Road Bridge- Construction Costs (16% Township Share)							
Oak Spring Road Bridge-Phase III Engineering (Amount shown eligible for 84% reimbursement)								\$275,000.00
Rockland Road (Bridge- Phase II (Amount she	own eligible for 96% reimbursement)				\$52,868.61	\$47,000.00
				4% Annual Infl	ation Compound	fed:		\$90,151.8°
				4% Annual Infl Total:	ation Compound	led:	\$812,000.00	
					·	led:	\$812,000.00 \$547,000.00	\$90,151.81 \$762,000.08 \$485,880.00
				Total: Total After Re	·	53		\$762,000.00
		Total Length (FT)		Total: Total After Re	imbursement:	53		\$762,000.00

PROGRAMMED IMPROVEMENTS LIBERTYVILLE TOWNSHIP HIGHWAY DEPARTMENT 2022-2023 BUDGET YEAR

GEA GENALT HAMILTON ASSOCIATES, INC.

			TOLL TOLD DODGE					
Street	From	То	Length (ft)	Width (ft)	Area (sy)	PCR	2022 Rehabilitation Cost	2018 Rehabilitation Cost
Resurfacing								
Idlewood Lane	Oak Grove Ave	Terminus	1,273	20	2,829	58	\$65,270.76	\$57,992.2
Pinewood	Clover Lane	Terminus	893	20	1,984	62	\$45,786.95	\$40,681.1
Fair Lane	Oak Grove Ave	Clover Ln	1,099	20	2,442	65	\$56,349.22	\$50,065.5
Fair Lane	Fair Lane	Terminus	144	20	320	66	\$7,383.34	\$6,560.0
Fairlane Lane	Fair Lane	Terminus	201	20	447	66	\$10,305.91	\$9,156.6
Cherrywood Lane	Oak Grove Ave	Pinewood Ln	1,596	20	3,572	66	\$82,416.51	\$73,226.0
Clover Lane	Oak Grove Ave	Fair Lane	1,216	20	2,703	67	\$62,366.13	\$55,411.5
Birchwood Lane	Oak Grove Ave	Terminus	993	20	2,207	67	\$50,921,96	\$45,243.5
Sprucewood Lane	Oak Grove Ave	Terminus	840	20	1,867	67	\$43,077.16	\$38,273.5
Oak Grove Ave	Petersen Road	Terminus	2,021	22	4,941	69	\$114,003.35	\$101,290.5
				Resu	rfacing Subtotal	(Estimated):	\$537,881.29	\$477,900.5
Federally Funded Pro	oject Costs							
Rockland Road Bridge	- Construction Costs (6%	Township Share)					\$202,853.47	\$173,400.00
		mount shown eligible for 96	% reimbursement)				\$253,566.84	\$216,750.00
			;	3% Annual Infla	tion Compound	ed:		\$126,251.0
			1	Total:		14	\$994,000.00	\$868,000.0
			10,276	Total After Rei	mbursement:		\$772,000.00	\$659,920.0

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

Total Length (FT) 10276 Total Length (Miles) 1,95

PROGRAMMED INPROVEMENTS LIBERTYVILLE TOWNSHIP HIGHWAY DEPARTMENT 2023-2024 BUDGET YEAR



From	То	Length (ft)	Width (ft)	Area (sv)	PCR	Rehabilitation Cost	Rehabilitation Cost
				127			
Terminus	Terminus	1,129	20	2509	54	\$54,564.44	\$51,432.22
Bayonne Avenue	Forest Knoll Road	835	20	1856	54	\$40,355.46	\$38,038.89
Bayonne Avenue	Forest Knoll Road	870	20	1933	54	\$42,047.00	\$39,633.33
Bayonne Avenue	Muir Avenue	307	19	648	54	\$14,095.41	\$13,286.28
Bayonne Avenue	Terminus	1,286	20	2858	55	\$62,152.24	\$58,584.44
St. Mary's Road	Terminus	2,211	22	5,405	57	\$117,543.12	\$110,795.67
Bradley Road	Terminus	1,338	34	5,055	60	\$109,931,17	\$103,620.67
Laurel Drive	Terminus	378	35	1,470	62	\$31,970.22	\$30,135.00
			Resu	rfacing Subtotal	(Estimated):	\$472,659.06	\$445,526.50
	Terminus Bayonne Avenue Bayonne Avenue Bayonne Avenue Bayonne Avenue St. Mary's Road Bradley Road	Terminus Terminus Bayonne Avenue Forest Knoll Roed Bayonne Avenue Forest Knoll Roed Bayonne Avenue Muir Avenue Bayonne Avenue Terminus St. Mary's Road Terminus Bradley Road Terminus	Terminus Terminus 1,129 Bayonne Avenue Forest Knoll Roed 835 Bayonne Avenue Forest Knoll Roed 870 Bayonne Avenue Muir Avenue 307 Bayonne Avenue Terminus 1,286 St. Mary's Road Terminus 2,211 Bradley Road Terminus 1,338	Terminus Terminus 1,129 20 Bayonne Avenue Forest Knoll Road 835 20 Bayonne Avenue Forest Knoll Road 870 20 Bayonne Avenue Mulr Avenue 307 19 Bayonne Avenue Terminus 1,286 20 St. Mary's Road Terminus 2,211 22 Bradley Road Terminus 1,338 34 Laurel Drive Terminus 378 35	Terminus Terminus 1,129 20 2509 Bayonne Avenue Forest Knoll Roed 835 20 1856 Bayonne Avenue Forest Knoll Roed 870 20 1933 Bayonne Avenue Muir Avenue 307 19 648 Bayonne Avenue Terminus 1,286 20 2858 St. Mary's Road Terminus 2,211 22 5,405 Bradley Road Terminus 1,338 34 5,055 Laurel Drive Terminus 378 35 1,470	Terminus Terminus 1,129 20 2509 54 Bayonne Avenue Forest Knoll Road 835 20 1856 54 Bayonne Avenue Forest Knoll Road 870 20 1933 54 Bayonne Avenue Muir Avenue 307 19 648 54 Bayonne Avenue Terminus 1,286 20 2858 55 St. Mary's Road Terminus 2,211 22 5,405 57 Bradley Road Terminus 1,338 34 5,055 60	From To Length (ft) Wildth (ft) Area (sy) PCR Cost Terminus Terminus 1,129 20 2509 54 \$54,564,44 Bayonne Avenue Forest Knoll Road 835 20 1856 54 \$40,355,46 Bayonne Avenue Forest Knoll Road 870 20 1933 54 \$42,047,00 Bayonne Avenue Muir Avenue 307 19 648 54 \$14,095,41 Bayonne Avenue Terminus 1,286 20 2858 55 \$62,152,24 St. Mary's Road Terminus 2,211 22 5,405 57 \$117,543,12 Bradley Road Terminus 1,338 34 5,055 60 \$109,931,17 Laurel Drive Terminus 378 35 1,470 62 \$31,970,22

 3% Annual Inflation Compounded:
 \$54,265.13

 Total:
 \$473,000.00

Total Length (FT) 8354
Total Length (Miles) 1.58