

2019 Pavement Assessment Report

Village of Libertyville, Lake County, Illinois

200 East Cook Avenue
Libertyville, Illinois 60048



Libertyville
spirit of independence

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Section 1: Pavement Assessment Narrative



Overview

Gewalt Hamilton Associates, Inc (GHA) was retained by the Village of Libertyville in Lake County, Illinois, to evaluate the existing flexible pavement (asphalt) roadways owned and maintained by the Village and establish a continuous twenty-year road maintenance program. At the request of the Village, GHA did not evaluate the street segments that have been rehabilitated from 2013 through 2019, which is approximately forty (40) percent of the Village's existing roadway network.

Background

This type of study aids the Village in determining the necessary funds required to adequately maintain the existing facilities network. The evaluation provides a quantitative assessment of the pavement condition and allows for the prioritizing of the street segments most in need of maintenance. The pavement area, lengths, and defined street segments as documented herein were provided to GHA from the Village. Moreover, this report assumes that the Village will continue concurrently its crack routing and filling, and pavement patching programs.

GHA performed a comprehensive review of 33.7 miles of Village owned and maintained asphalt street segments to evaluate the types of pavement failures. The rating system of the infrastructure is based on current levels of distress and each segment has been assigned a numerical Pavement Condition Rating (PCR). This condition rating system is a modified version of the PAVER Engineered Management System developed by the US Army Corps of Engineers for assessment of roadways. The PCR system modifications allow it to be a better tool to review residential roadways, and other non-linear asphalt surfaces.

For this initial assessment, GHA visually inspected the existing pavement surface, and documented the distresses in the current pavement including, rutting, raveling, longitudinal cracking, transverse cracking, raveling, edge cracking, random cracking, and other distresses as observed in the field. These distresses will be broken out between surface and sub-surface pavement distresses and a rating has been provided for each street segment.

Each street segment was assigned a maintenance year based on the determined PCR value and logical geographical order. Grouping street segments based on geographical proximity typically initiates lower construction costs and limits the inconveniences to residents in any given year. Lastly, an annual maintenance program was developed using estimated construction values and applicable inflation factors. As provided, the Village's annual roadway maintenance budget is approximately \$1.25 million.

The individual probable cost values used are based solely on experience and qualifications, representing the best judgement as design Engineer's familiar with the construction industry. GHA cannot guarantee that construction costs will not vary from this report. This initial evaluation does not include other work typically associated with roadwork such as drainage, sidewalk or street signage improvements. However, this incidental work would be considered during the design process for each respective street segment in any given year.

Rating System

The following table outlines the overall surface rating score, typical distresses, and associated treatment measures:

Surface Rating		Visible Distress*	General Condition & Treatment Measures
100	Very Good	<ul style="list-style-type: none"> ▪ None 	New Construction.
90	Good	<ul style="list-style-type: none"> ▪ No longitudinal cracks except reflection of paving joints. ▪ Occasional widely-spaced transverse cracks ($\geq 40'$). ▪ All cracks sealed or tight ($\leq \frac{1}{4}"$) 	Recent sealcoat or new road mix. Little or no maintenance required.
75	Fair	<ul style="list-style-type: none"> ▪ Slight raveling (loss of fines) and traffic wear. ▪ Longitudinal reflection and joint cracks (open $\frac{1}{4}" - \frac{1}{2}"$). ▪ First sign of block cracking. ▪ Occasional patching in good condition. 	First signs of aging. Maintain with routine crack filling and pavement patching.
60	Poor	<ul style="list-style-type: none"> ▪ Severe surface raveling. ▪ Multiple longitudinal and transverse cracking. ▪ Block cracking (over 50% of surface). ▪ Patching in fair condition. ▪ Moderate rutting or distortions ($\frac{1}{2}"$ deep or less). 	Significant aging. Needs patching and resurfacing or reconstruction.
40	Very Poor	<ul style="list-style-type: none"> ▪ Alligator cracking (over 25% of surface). ▪ Severe distortions (over 2" deep). ▪ Extensive patching in poor condition. ▪ Potholes. 	Sever deterioration. Needs reconstruction with extensive base repair.
20	Failed	<ul style="list-style-type: none"> ▪ Severe distress with extensive loss of surface integrity. 	Failed. Needs total reconstruction.

- **Note:** Individual pavement segments will *not* have all the type of distresses listed for any particular rating. They may have only one or two types of differing severity levels.

Summary of Observations

The overall relative comparison of the Pavement Condition Study shows the following:

- Approximately 7% of the existing pavement would be considered Very Good to Good
- Approximately 34% of the existing pavement would be considered Good to Fair
- Approximately 56% of the existing pavement would be considered Fair to Poor
- Approximately 3% of the existing pavement would be considered Poor to Very Poor

The current average PCR of the pavement evaluated is 74 which is considered in fair to poor condition.

In general, the existing asphalt pavement is showing typical forms of distress; including significant block, transverse, edge, and longitudinal cracking, and isolated areas of raveling and rutting, particularly along the edge of pavement. Weather and material related distresses, such as material aging, loss of surface aggregate, oxidation of the asphalt binder, and weather-related contraction and expansion, can often manifest into surface cracking and shallow potholes. These types of deficiencies can accelerate the intrusion of water to the subgrade and eventual structural failure of the pavement, which is present today in various locations. Cracking is a common pavement failure and may be caused by thermal shrinkage and asphalt binder age.

Raveling typically occurs due to the asphalt binder age, poor mixture quality, segregation of the aggregate material, or insufficient compaction when the asphalt was placed. Ruts are vertical depressions that are caused by consolidation or lateral movement of any or all pavement layers under traffic or a point load which can eventually result in major structural failure of the pavement and subgrade.

Unfortunately, pavement failures will continue to occur more frequently as the asphalt pavement continues to fail if a maintenance program is not instituted, and that which may ultimately begin to limit future rehabilitation options. The proposed ten-year maintenance program should be used as a budgetary and planning tool for the Village and reflects the typical service life and maintenance plan for flexible asphalt pavement under ordinary conditions. With a complete list of pavement condition ratings as presented herein, roadway maintenance plan and methods can readily be identified for addition and/or deduction from one year's program to the next, and a different maintenance option selected, based on funding and continued evaluations.

As part of our evaluation, the following street segments were determined to be existing concrete pavement and are in general, considered to be in good to fair condition. It is our understanding and intent that these segments would be evaluated when proposed programs are close in geographically proximity:

Street Name	From	To	Length (FT)	Width (FT)	Area (SY)
Broadway Street	Fourth Street	Fifth Street	374	30.1	1,251
Fifth Street	Park Avenue	Church Street	1,407	26.1	4,081
First Street	North Avenue	Newberry Avenue	456	26.0	1,318
Hurlburt Court	Fourth Street	Fifth Street	361	26.1	1,047
Liberty Drive	Fifth Street	East End	1,551	26.1	4,498
Regency Lane	Bedford Lane	Dymond Road	974	26.1	2,825
Second Street	Church Street	North Avenue	649	25.6	1,847
Third Street	North Avenue	South End	331	26.0	957

Lastly, at the request of the Village, the following street segments were evaluated, however, have been intentionally omitted from any future programs due to the inclusion of the Master Stormwater Management Plan completed in 2019:

Street Name	From	To	Study Area
Carter Street	Rockland Road	Crane Boulevard	Highland Subdivision (Area 3)
Fourth Avenue	Rockland Road	NS Trail/IDOT ROW	Rockland (Areas 12 & 13)
Glendale Road	Buckingham Place	Kenwood Avenue	Copeland Manor (Areas 2 & 17)
Lincoln Avenue, East	Milwaukee Avenue	Fourth Avenue	Rockland (Areas 12 & 13)
Lincoln Avenue, East	Fourth Avenue	Seventh Avenue	Rockland (Areas 12 & 13)
Rockland Road, West	Garfield Avenue	Burdick Street	Highland Subdivision (Area 3)
Shari Lane	Butterfield Road	Dymond Road	Highland Subdivision (Area 3)
Wrightwood Terrace	Rockland Road	Lincoln Avenue	Rockland (Areas 12 & 13)

Preliminary Improvement Costs

Based on our field review and pavement condition rating, GHA developed and included herein a ten-year maintenance program. The street segments with low PCR's are in most need of repair and are scheduled for maintenance respectively. Typically, our first step for rehabilitation projects is to have pavement cores and/or soil borings taken to determine the existing pavement crossing section and suitability of the underlying subgrade. This initial assessment and design, however, is based on what we can observe at the surface.

Each individual street segment included is summarized and an estimated cost value is attached to perform the recommended maintenance rehabilitation option presented. Cost values have been determined by the average value of similar projects utilizing union-based firms following local prevailing wage requirements. In this preliminary or budgetary phase, contingency is included

in case of a future circumstance or change that cannot be predicted with certainty at this time which may directly affect the total construction value. Based on a thorough review of the construction industry, a 3% inflation rate has been applied to each subsequent year through 2022, and at the Village's request, a 1.25% inflation rate thereafter.

Furthermore, the individual probable cost values used are based solely on experience and qualifications, representing the best judgement as design engineers familiar with the construction industry. GHA cannot guarantee that construction costs will not vary from this report.

Pavement Distress Types

The following describe the various pavement distresses for hot-mix asphalt or flexible surfaced roads and parking lots.

Raveling

Disintegration of the pavement from the surface downward thru the loss of aggregate particles. Raveling may occur as a result of asphalt binder again, poor mixture quality, segregations, or insufficient compaction.

SEVERITY LEVEL		
Low	Medium	High
Very little coarse aggregate has worn away. Loss of fine aggregate is barely noticeable.	Surface has an open texture and is moderately rough with considerable loss of fine aggregate and some coarse aggregate removed.	Most of the surface aggregate has worn away or become dislodged. Surface is severely rough and pitted and may be completely removed in places.

EXTENT LEVEL		
Occasional	Frequent	Extensive
Less than 20% of the surface area is raveled.	Between 20% and 50% of the surface area is raveling.	More than 50% of the surface area is raveling.

Bleeding

Bleeding or flushing is the presence of free asphalt binder on the pavement surface. Bleeding is caused by excess amount of bituminous binder in the mixture and/or low air void content.

SEVERITY LEVEL		
Low	Medium	High
A low severity level is not considered.	Both coarse aggregate and free bitumen are noticeable at the pavement surface. Considerable loss of fine aggregate and some coarse aggregate removed.	Surface appears black with very little aggregate noticeable

EXTENT LEVEL		
Occasional	Frequent	Extensive
Less than 10% of the surface area exhibits bleeding.	Between 10 and 30% of the surface area is bleeding.	Bleeding occurs in more than 30% of the surface area.

Patching

Patching is either the placing of additional material on the surface of the existing pavement or the replacement of the existing pavement in small isolated areas. Large patches areas (greater than 15 SY) such as spot overlays or wedge courses shall be rated for condition as a part of the existing pavement rather than as patches. No deduction shall be made for patches in good condition. Deteriorated patches may exhibit disintegration, distortion, cracking, spalling or delamination between the patching material and the original surface.

SEVERITY LEVEL		
Low	Medium	High
Very little coarse aggregate has worn away. Loss of fine aggregate is barely noticeable.	Surface has an open texture and is moderately rough with considerable loss of fine aggregate and minor cracking is occurring.	Most of the surface aggregate has worn away or become dislodged. Surface is severely rough, pitted, cracked, and may be completely removed in places.

EXTENT LEVEL		
Occasional	Frequent	Extensive
Less than 20% of the surface area is raveled.	Between 20% and 50% of the surface area is raveling.	More than 50% of the surface area is raveling.

Potholes

Potholes are bowl shaped voids or depressions in the pavement surface. Potholes are localized failure areas which are usually caused by weak base or subgrade layers.

SEVERITY LEVEL		
Low*	Medium	High
The average depth of potholes is 1".	The average depth of potholes is 1" to 2".	The average depth of the potholes is 2".

*Regardless of depth, potholes less than 6" diameter shall be considered low severity.

EXTENT LEVEL		
Occasional	Frequent	Extensive
Potholes occur along less than 20% of the section length.	Potholes occur along 20 to 50% of the section length.	Potholes occur along more than 50% of the section length.

Crack Sealing Deficiency

The quality and extent of crack sealing is evaluated by this distress. Crack sealing deficiency is crack sealing which is no longer effective in preventing intrusion of water.

SEVERITY LEVEL		
Low	Medium	High
Severity levels are not considered.	Severity levels are not considered.	Severity levels are not considered.

EXTENT LEVEL		
Occasional	Frequent	Extensive
Less than 20% of the pavement section are not effectively sealed.	Between 20 and 50% of the cracks along the pavement section are not effectively sealed.	More than 50% of the cracking along the pavement section is not effectively sealed.

Rutting

Ruts are vertical depressions in the pavement surface along the wheel tracks. In severe cases pavement uplift may occur along the sides of the rut, but in most instances only a depression is noticeable. Rutting is caused by consolidation or lateral movement of any or all pavement layers, including subgrade, under traffic. This permanent deformation of the pavement creates hazardous wet weather driving conditions and can eventually result in major structural failure of the pavement.

SEVERITY LEVEL		
Low	Medium	High
Rut depth is barely noticeable, depth less than ¼".	Rut depth is readily noticeable, (some longitudinal cracking may be present) with depth between ¼" to 1".	Rut depth has a definite effect upon vehicle control (multiple longitudinal or alligator cracking may be present) with rut depth greater than 1".

EXTENT LEVEL		
Occasional	Frequent	Extensive
Less than 20% of the section length is rutted.	Between 20 and 50% of the section length is rutted.	More than 50% of the section length is rutted.

Settlement

Settlement is a dip in the longitudinal profile of the pavement surface. Settlement shall be considered as distress when it causes a noticeable effect upon riding quality. Settlement should not be confused with corrugation distress type, which is another type of surface profile deficiency.

SEVERITY LEVEL *		
Low	Medium	High
Noticeable effect upon ride, driver able to maintain vehicle control easily.	Some discomfort to passengers, driver able to maintain control with slight corrective action.	Definite effect upon ride quality. Noticeable profile dip generally greater than 6".

*Severity is based upon the effect of the settlement upon vehicle control when traveling along the roadway at the posted speed limit.

EXTENT LEVEL		
Occasional	Frequent	Extensive
Less than 1 settlement per 1,000' of roadway.	2 to 4 settlements per 1,000' of roadway.	More than 4 settlements per 1,000' of roadway.

Corrugations

Corrugations are a series of transverse ridges and valleys (or ripples) occurring at regular intervals along the pavement. Unstable bituminous mixture or poor base quality are associated with this distress.

SEVERITY LEVEL *		
Low	Medium	High
Noticeable effect upon ride, but no significant reduction in comfort.	Moderate ride discomfort is noticeable, driver able to maintain vehicle control easily.	Vehicle vibration is severe, speed reduction is necessary for comfort and to maintain control.

*Severity is based upon the effect of the corrugations when traveling along the roadway at the posted speed limit.

EXTENT LEVEL		
Occasional	Frequent	Extensive
Less than 10% of the section length affected by this distress.	Between 10 and 30% of the section length affected by this distress.	Greater than 30% of the section length affected by this distress.

Blocking and Transverse Cracking

Blocking cracks are interconnected cracks which divide the pavement into large rectangular pieces or blocks. Block size may range for 3'x3' upwards to 10'x10'. Transverse cracking are cracks at approximately right angles to the pavement centerline. The occurrence of both block and/or transverse cracking is usually related to thermal shrinkage of the asphalt binder. Binder age hardening is also related to formation of these crack types.

SEVERITY LEVEL		
Low	Medium	High
Average crack width less than 1/8" with no spalling or distortion along crack edges.	Average crack opened or spalling to a width between 1/8" and 1" along at least ½ its length.	Average crack opened or spalled to a width greater than 1" along at least half its length.

EXTENT LEVEL		
Occasional	Frequent	Extensive
Less than 20% of the section length is affected by this distress.	Between 20 and 50% of the section length is affected by this distress.	Greater than 50% of the section length is affected by this distress.

Longitudinal Joint Cracking

Cracking along the joint between adjacent paving lanes. Poor longitudinal joint construction often results in a single longitudinal crack at the joint. Progressive deterioration involves formation of multiple cracking at the joint (usually within 3" of the joint) and spalling.

SEVERITY LEVEL		
Low	Medium	High
Single longitudinal crack with width less than 1/8" and no spalling.	Multiple cracking or wide (>1/8") single crack with some spalling.	Multiple cracking with much spalling.

EXTENT LEVEL		
Occasional	Frequent	Extensive
Less than 20% of the section has center line cracking.	Between 20 and 50% of the section has center line cracking.	More than 50% of the section has center line cracking.

Edge Cracking

Edge cracks are longitudinal or crescent shaped cracks within one foot of the outer pavement edge.

SEVERITY LEVEL		
Low	Medium	High
Tight cracks (width less than 1/4") with no breakup or spalling.	Crack width greater than 1/4" with some spalling.	Multiple cracking with moderate spalling and average crack width greater than 1/4".

EXTENT LEVEL		
Occasional	Frequent	Extensive
Cracking occurs along less than 20% of the pavement edge within the section.	Cracking occurs along 20-50% of the pavement edge within the section.	Cracking occurs along more than 50% of the pavement edge within the section.

Random Cracking

Random cracks are those not categorized as one of the four previous types of crack distresses. Alligator or fatigue cracking is a series of interconnecting cracks typically caused by fatigue failure of the asphalt surface under repeated traffic loading. Cracking begins at the bottom of the asphalt surface or stabilized base where tensile stress and strain are highest under a wheel load. The cracks propagate to the surface initially as a series of parallel longitudinal cracks. After repeated traffic loading, the cracks connect, forming many sided, sharp-angled pieces that develop a pattern resembling alligator skin.

SEVERITY LEVEL		
Low	Medium	High
Average crack width less than 1/8", no spalling.	Average crack opened or spalled to a width between 1/8" and 1" along at least 1/2 its length.	Average crack opened or spalled to a width greater than 1" along at least half of its length.

EXTENT LEVEL		
Occasional	Frequent	Extensive
Random cracks occur along less than 20% of the section.	Random cracks occur along 20 to 50% of the section.	Random cracks occur along more than 50% of the section.

Maintenance and Rehabilitation Options

Introduction

The following rehabilitation methods are presented in order of typical service life, with the lowest life expectancy first, and the longest life expectancy last. The pavement surface treatments typically come with lower costs and can be effective as part of an ongoing maintenance program, and the methods to replace portions, or all, of the failed pavement section typically come with higher costs. The cost ranges for maintenance and rehabilitation of asphalt pavements are general and can vary significantly based on fluctuation of material costs, proximity to material suppliers, and overall size of the area to be improved.

Method #1: Crack Routing and Sealing

The procedure includes identifying the existing pavement cracks greater than 1/4" in width which shall be routed, cleaned of debris, and filled with hot rubberized joint filler. This will help to reduce further separation from freeze/thaw cycles and prevent water intrusion to the existing aggregate subbase.

Method #2: Pavement Patching

Pavement patching may be considered to remove isolated failures of the existing pavement. Pavement patching methods are typically separated into two options; full-depth and surface. For full-depth patching, the existing asphalt surface will be evaluated, and areas with extensive deterioration or failures will be removed to a depth equivalent to the existing pavement. Full-depth patches will be replaced with appropriate hot-mix asphalt binder and hot-mix asphalt surface courses. These patches shall be considered finish patches.

For surface patching, the existing hot-mix asphalt surface will be evaluated, and distressed pavement areas will be removed to a depth specified, typically 2". Surface patches are replaced with a hot-mix asphalt surface course only.

Method #3: Hot-Mix Asphalt Overlay

A hot-mix asphalt overlay of the pavement could be considered when the failures appear to be only in the finish surface of the existing pavement. The existing asphalt surface will be evaluated, and pavement distressed, or failed areas will be recommended for removal and replacement, to a depth specified, with hot-mix asphalt binder course. The existing asphalt pavement will be overlaid with hot-mix asphalt leveling binder and hot-mix asphalt surface course, consequently raising the existing roadway elevation. Thus, drainage and utility structure adjustments are typically required with this process. This method is primarily used where curb and gutter are not present. In situations where curb and gutter are present, the existing gutter may be overlaid. Site drainage should be evaluated prior to raising the pavement elevation.

Method #4: Mill and Resurface

Milling and resurfacing of the pavement could be considered when failures are evident in the existing asphalt surface and binder course(s) and the subbase is in stable condition. We recommend a minimum of 2 1/2" of existing base course remain in place to provide adequate support during construction operations. The process typically includes removal of the existing hot-mix asphalt surface, to a depth specified, using a cold planer. The pavement is then evaluated, and pavement patching may be recommended in various locations. Drainage and utility structures are adjusted as necessary. The milled surface is cleaned, sprayed with a tack coat and paved with hot-mix asphalt leveling binder and hot-mix asphalt surface course. Reflective crack control treatments may also be considered for installation prior to paving the hot-mix asphalt surface.

Method #5: HMA Reconstruction

A partial reconstruction of the pavement could be considered when failures of the existing pavement are observed, but the existing subbase is determined to be in stable condition. This process includes removing the entire asphalt pavement section

to existing aggregate subbase. The remaining aggregate subbase is evaluated through a proof roll and the failed areas removed as recommended and replaced with large crushed aggregate. Prior to the installation of new asphalt pavement, the existing aggregate subbase will be reshaped to the proposed lines and grades, and additional stone placed as required and compacted per specification. The addition of underdrains should also be considered to help alleviate poor subbase drainage and potential frost heave. Three inches of hot-mix asphalt binder course, and two inches of hot-mix asphalt surface course will be installed.

Method #6: Total Reconstruction

A total reconstruction of the pavement could be considered due to substantial failures of the existing pavement, existing subbase, or insufficient pavement cross section. For the purposes of this report, total reconstruction methods are separated into two options; conventional and pulverization. With conventional reconstruction, the entire pavement section including asphalt materials and aggregate subbases are removed. The subgrade is excavated to the design elevations and evaluated through a proof roll. The failed areas are subsequently removed and replaced with large crushed aggregate. Drainage improvements including storm sewer and underdrains may be implemented. Ten inches of new aggregate base course will be placed and compacted to industry standard. Three inches of hot-mix asphalt binder course, and two inches of hot-mix asphalt surface course will be installed.

With the pulverization method, the existing asphalt and aggregate subbase material are pulverized in place to the depth specified. The pulverized material will be evaluated through a proof roll, and the failed areas removed and replaced with large crushed aggregate. The new pulverized aggregate subbase is reshaped, with additional stone as necessary, and compacted per industry standard. The subbase is paved over with new hot-mix asphalt binder and surface course(s), consequently raising the existing roadway elevation. If desired, options for removing portions of the existing asphalt pavement prior to pulverization or removing a portion of pulverized material to meet existing grades may be considered but require an additional cost. The addition of underdrain should also be considered to help alleviate poor subbase drainage and potential frost heave.

Summary

The above rehabilitation methods are generally presented in order of typical service life, with the lowest life expectancy first, and the longest life expectancy last. The pavement surface treatments typically come with lower costs and can be effective as part of an ongoing maintenance program, and the methods to replace portions, or all, of the failed pavement section typically come with higher costs. The cost ranges for maintenance and rehabilitation of asphalt pavements are general and can vary significantly based on fluctuation of material costs, proximity to material suppliers, and overall size of the area to be improved.

EXAMPLE

Flexible Pavement Condition Rating Form

Street Name: _____
 Section ID: _____
 From: _____
 To: _____

Length (ft): _____
 Width (ft): _____
 Area (sy): _____
 Maintenance Scheduled: _____

Distress	Distress Weight	Severity Weight			Extent Weight			Deduct Points*
		L	M	H	O	F	E	
Raveling	10	0.3	0.6	1.0	0.5	0.8	1.0	
Bleeding	5	0.8	0.8	1.0	0.6	0.9	1.0	
Patching	5	0.3	0.6	1.0	0.6	0.8	1.0	
Potholes	10	0.4	0.7	1.0	0.5	0.8	1.0	
Crack Sealing Deficiency	5	1.0	1.0	1.0	0.5	0.8	1.0	
Rutting	10	0.3	0.7	1.0	0.6	0.8	1.0	
Settlements	10	0.5	0.7	1.0	0.5	0.8	1.0	
Corrugations	5	0.4	0.8	1.0	0.5	0.8	1.0	
Wheel Track Cracking	15	0.4	0.7	1.0	0.5	0.7	1.0	
Block & Transverse Cracking	10	0.4	0.7	1.0	0.5	0.7	1.0	
Longitudinal Joint Cracking	5	0.4	0.7	1.0	0.5	0.7	1.0	
Edge Cracking	5	0.4	0.7	1.0	0.5	0.7	1.0	
Random Cracking	5	0.4	0.7	1.0	0.5	0.7	1.0	

*Deduct Points = Distress Wt. x Severity Wt. x Extent Wt.

Total Deduction =

100 - Total Deduct = PCR =



L = Low O = Occasional
 M = Medium F = Frequent
 H = High E = Extensive

Section 2: Summary Report – By Street Name



Village of Libertyville Roadway Inventory - 2019 Summary Report - By Street Name (Amended)

Section ID	Street Name	From	To	Length (FT)	Width (FT)	Area (SY)	2019 PCR	Scheduled
8724	Adler Drive	West End	Cedar Glen Drive	1,141	26.1	3,309	82	2028
38216	American Way Drive	Lake Street	Winchester Road	1,591	36.0	6,364	55	2022
36754	Ames Street	Austin Avenue	Garfield Avenue	1,236	24.0	3,296	73	2030
7689	Apple Tree Lane	Red Top Drive	South End	499	26.1	1,448	80	2038
7813	Appley Avenue	Oak Spring Road	Bartlett Terrace, East	1,163	26.0	3,360	93	
7958	Ardmore Terrace	Valley Park Drive	East Austin Avenue	1,151	26.1	3,338	74	2032
7731	Artaius Parkway	Milwaukee Avenue	Milwaukee Avenue	1,974	39.1	8,576	79	2038
7843	Ash Street	Rockland Road	Austin Avenue	387	24.0	1,032	63	2023
7401	Ashbury Lane	Park Avenue	Ashbury Lane	4358	27.0	13,074	73	2034
29041	Bartlett Terrace	Appley Avenue	Appley Avenue	2,136	26.1	6,195	65	2024
8688	Brainerd Avenue	North End	Park Avenue	2,612	27.2	7,895	67	2027
8002	Briar Place	2nd Avenue	Ardmore Terrace	485	24.0	1,294	72	2032
33562	Briarwood Lane	Greentree Parkway	Greentree Parkway	1,164	26.1	3,376	64	2023
8105	Bridle Court	Furlong Drive	East End	279	26.0	806	84	
8716	Broadway Street	Milwaukee Avenue	Fourth Street	2,131	30.0	7,104	60	2023
7940	Buckingham Place	East Rockland Road	East Lincoln Avenue	518	24.0	1,382	76	2037
11163	Burridge Court	Dymond Road	East End	646	26.0	1,867	79	2037
38578	Camelot Lane	Ridgeway Lane	North End	3210	24.0	8,560	65	2025
7838	Carter Street	McKinley Avenue	Rockland Road	813	24.0	2,168	63	2021
7839	Carter Street	Rockland Road	Crane Boulevard	256	24.1	686	69	-
8026	Carter Street	Austin Avenue	West End	906	26.0	2,618	58	2021
8722	Cass Avenue	Buckley Road	South End	1,660	26.0	4,796	74	2028
8677	Cass Court	Cass Avenue	East End	469	26.1	1,361	69	2028
8730	Cedar Glen Court	Cedar Glen Drive	East End	308	26.1	894	69	2028
8728	Cedar Glen Drive	Cass Avenue	Adler Drive	1,615	26.0	4,666	66	2028
7791	Church Street, East	Fourth Street	Fifth Street	1,660	28.0	5,165	70	2031
7904	Circle Drive	Rockland Road	South End	163	24.2	439	64	2023
11330	Commerce Drive	Franklin Boulevard	Harris Road	1,712	36.0	6,848	58	2023
11331	Commerce Drive	Midlothian Road	Harris Road	1,209	36.0	4,836	75	2036
29000	Condell Drive	Milwaukee Avenue	Fairview Avenue	875	36.0	3,500	70	2030
8680	Cook Avenue, East	Milwaukee Avenue	First Street	1,069	34.1	4,051	85	
8122	Crabtree Lane	Juniper Parkway	South End	548	26.0	1,584	71	2020
7525	Crane Boulevard	West End	Butterfield Road	1,138	22.1	2,795	62	2021
8039	Dover Court	West End	Dymond Road	689	26.0	1,991	94	
7888	Dymond Road	Park Avenue	Crane Boulevard	2,263	22.1	5,557	91	
11720	Enterprise Court	North End	Tempel Drive	574	39.0	2,488	78	2039
8051	Fairlawn Avenue	Butterfield Road	Dymond Road	1197	26.0	3,458	63	2022
34056	Finstad Drive	West End	Milwaukee Avenue	417	22.0	1,020	64	2022

Village of Libertyville Roadway Inventory - 2019 Summary Report - By Street Name (Amended)

Section ID	Street Name	From	To	Length (FT)	Width (FT)	Area (SY)	2019 PCR	Scheduled
7806	First Street	East Park Avenue	Broadway Street	852	24.0	2,272	76	2037
7785	First Street	Church Street	Cook Avenue	276	24.0	736	82	
7784	First Street	Cook Avenue	North Avenue	367	26.0	1,061	87	
7691	Flamingo Parkway	Red Top Drive	North End	410	26.0	1,185	82	2038
7915	Florence Court	West End	Stewart Avenue	738	20.0	1,640	69	2022
7709	Fourth Avenue	NS Trail/IDOT ROW	East Park Avenue	263	33.0	965	70	2030
7710	Fourth Avenue	Rockland Road	NS Trail/IDOT ROW	1,550	23.0	3,962	78	-
7703	Fourth Avenue	vac. Glendale Road ROW	East Rockland Road	818	27.0	2,454	84	
7704	Fourth Avenue	Valley Park Drive	vac. Glendale Road ROW	837	40.0	3,720	91	
7809	Fourth Street	East Park Avenue	East Church Street	1,424	30.2	4,779	73	2030
11716	Franklin Boulevard	Peterson Road	Winchester Road	2,993	36.0	11,972	68	2029
7841	Garfield Avenue	S End of Curve	Austin Avenue	1,887	24.1	5,053	75	2036
8067	Garfield Avenue	Austin Avenue	Golf Road	3,024	40.1	13,474	73	2033
8069	Garfield Avenue	Golf Road	Green Tree Parkway	2,216	38.0	9,357	75	2036
8075	Garfield Avenue	Green Tree Parkway	South End	574	39.0	2,488	73	2033
7907	Garfield Avenue	Park Avenue	S End of Curve	272	30.1	910	89	
7999	Glendale Road	Buckingham Place	Kenwood Avenue	885	26.0	2,557	78	-
7972	Golf Road, East	Milwaukee Avenue	Cambridge Drive	738	33.5	2,747	67	2024
7977	Golf Road, East	Cambridge Drive	Fourth Avenue	1,217	24.0	3,246	76	2037
7864	Gracewood Drive	West End	Dymond Road	466	26.0	1,347	81	2039
8144	Greentree Parkway	Dawes Street	Garfield Avenue	1759	38.0	7,427	66	2025
7687	Gulfstream Parkway	Red Top Drive	North End	499	26.1	1,448	74	2031
7943	Hampton Terrace	Rockland Road	Lincoln Avenue	538	26.0	1,555	76	2037
7934	Hampton Terrace	Glendale Road	Rockland Road	643	26.1	1,865	76	2037
7860	Harding Avenue	Butterfield Road	Park Avenue	1,374	26.0	3,970	73	2032
11106	Harms Avenue	Butterfield Road	Havenwood Drive	568	27.0	1,704	62	2022
11108	Harms Avenue	Havenwood Drive	Dymond Road	626	27.0	1,878	74	2022
29434	Harris Road	505 FT N of Commerce	Commerce Drive	505	36.0	2,020	65	2024
29433	Harris Road	Commerce Drive	Winchester Road	610	33.1	2,244	68	2030
294341	Harris Road	Peterson Road	505 FT N of Commerce	1,435	36.0	5,740	73	2034
38526	Harris Road	North End	Peterson Road	407	24.0	1,086	79	2037
7881	Havenwood Court	North End	Havenwood Drive	282	26.1	818	72	2022
7866	Havenwood Drive	Harms Avenue	Dymond Road	616	26.1	1,787	68	2022
8127	Hemlock Lane	Juniper Parkway	East End	666	26.0	1,924	78	2020
7136	Hollister Drive	Milwaukee Avenue	Milwaukee Avenue	2,180	39.1	9,471	79	2039
339741	Hough Street	North End	Park Avenue	790	34.0	2,985	70	2031
29032	Hurlburt Court	Milwaukee Avenue	285 FT East	285	26.0	824	79	2039
290321	Hurlburt Court	285 FT East	Park Place	215	27.0	645	79	2039

Village of Libertyville Roadway Inventory - 2019 Summary Report - By Street Name (Amended)

Section ID	Street Name	From	To	Length (FT)	Width (FT)	Area (SY)	2019 PCR	Scheduled
8765	Hyatt Drive	Avalon Lane	Sandstone Drive	482	26.0	1,393	67	2024
11719	Industrial Drive	Peterson Rd	Cul-De-Sac	2,086	39.1	9,063	77	2038
11718	Industrial Drive	Cul-De-Sac	North End	555	40.1	2,473	81	2039
7755	Innsbruck Court	Lake Street	South End	659	26.1	1,912	67	2026
7756	Jeremy Lane	Winchester Road	Wilshire Drive	505	27.7	1,555	68	2026
8118	Juniper Parkway	Sandy Lane	Garfield Avenue	3,201	26.2	9,319	69	2020
11064	Kelley Court	Northwind Boulevard	East End	561	54.2	3,379	74	2035
7504	Kenloch Avenue	North End	South End	1,414	26.1	4,101	73	2032
7816	Lake Street	125 FT E of Stonegate	West Street	1740	24.0	4,640	74	2033
8686	Lake Street	Brainerd Avenue	Milwaukee Avenue	485	28.0	1,509	94	
8685	Lake Street	West Street	Brainerd Avenue	1217	28.0	3,787	82	
7496	Lake Street	417 FT E of Butterfield	125 FT E of Stonegate	4218	30.0	14,060	89	
11151	Lake Street	Butterfield Road	417 FT E of Butterfield	417	33.0	1,529	83	
8125	Lilac Court	Juniper Parkway	South End	400	26.1	1,160	81	2020
7978	Lincoln Avenue, East	Milwaukee Avenue	Fourth Avenue	1,654	26.9	4,944	66	-
7930	Lincoln Avenue, East	Fourth Avenue	Seventh Avenue	1,131	26.2	3,293	79	-
11713	Mallory Drive	Midlothian Road	East End	1,544	36.0	6,176	72	2035
29040	Manor Circle	West End	Sandstone Drive	226	26.1	656	71	2031
29038	Maple Avenue, East	Milwaukee Avenue	Park Place	541	22.0	1,323	72	2031
8695	Maple Avenue, West	Brainerd Avenue	Milwaukee Avenue	1,158	30.1	3,873	68	2027
38710	Margate Lane	Ridgeway Lane	Hawthorne Road	669	22.0	1,636	90	
8116	Mayfair Drive	Dawest Street	North to Pvmt Change	965	27.0	2,895	71	2031
81161	Mayfair Drive	Dawes Street	South to Pvmt Change	513	27.0	1,539	71	2031
7688	Maywood Court	Riva Ridge Drive	West End	308	26.1	894	77	2038
7995	Meadow Lane	Second Avenue	Fourth Avenue	920	23.0	2,352	72	2031
7780	Newberry Avenue	Milwaukee Avenue	First Street	1,220	23.8	3,227	92	
8131	Nita Lane	Tamarack Lane	West End	659	26.1	1,912	82	
8027	Nordic Court	Crane Boulevard	Crane Boulevard	1,758	26.1	5,099	62	2021
11062	Northwind Boulevard	Lake Street	Peterson Road	1,490	40.0	6,623	75	2035
39466	Oak Spring Road	Appley Avenue	W Bridge Abutment	2,089	23.1	5,362	65	2025
39200	Oak Spring Road	Northwoods Drive	St. Marys Road	1,108	22.0	2,709	71	2031
7844	Oak Street	Rockland Road	Austin Avenue	400	24.1	1,072	66	2023
7314	Old Barn Circle	Butterfield Road	New Castle Drive	2,413	24.1	6,462	74	2028
8759	Orchard Circle	West End	Sandstone Drive	282	26.1	818	78	2039
11121	Paradise Lane	North End	Lake Street	1,787	26.0	5,163	67	2026
78031	Park Place	Hurlburt Court	Broadway Street	492	26.0	1,422	75	2032
7803	Park Place	Park Avenue	Hurlburt Court	380	26.1	1,102	79	2039
11171	Parkview Drive	Milwaukee Avenue	960 FT E of Milwaukee	960	20.4	2,176	85	

Village of Libertyville Roadway Inventory - 2019 Summary Report - By Street Name (Amended)

Section ID	Street Name	From	To	Length (FT)	Width (FT)	Area (SY)	2019 PCR	Scheduled
111711	Parkview Drive	960 FT E of Milwaukee	Carriage Hill Circle	960	20.4	2,176	94	
8766	Parliament Court	West End	South End	1,072	26.1	3,109	75	2037
8036	Pembroke Road	Warwick Lane	Dawes Street	656	23.0	1,677	77	2038
7699	Pimlico Parkway	Red Top Drive	South End	607	26.1	1,761	80	2038
7880	Pine Tree Lane	Butterfield Road	East End	1086	26.0	3,138	61	2021
7883	Pond Ridge Road	North End	Blueberry Road	1,426	26.1	4,136	96	
8123	Poplar Court	Juniper Parkway	East End	515	26.1	1,494	80	2020
7925	Prairie Avenue	Lincoln Avenue	Sunnyside Avenue	561	26.1	1,627	64	2024
7931	Prairie Avenue	Rockland Road	Lincoln Avenue	659	26.1	1,912	69	2024
7483	Quaker Hill Lane	Windhaven Road	South End	485	26.0	1,402	74	2029
8007	Ridgeway Lane	Park Avenue	Camelot Lane	272	24.0	726	64	2025
8009	Ridgeway Lane	Camelot Lane	Margate Lane	289	24.1	774	94	
7908	Rockland Road, West	Milwaukee Avenue	Stewart Avenue	1,000	31.9	3,545	86	
7899	Rockland Road, West	Stewart Avenue	Garfield Avenue	1,240	45.2	6,228	80	
7902	Rockland Road, West	Garfield Avenue	Burdick Street	620	30.9	2,129	77	-
11137	Rosewood Terrace	Juniper Parkway	South End	430	26.0	1,243	80	2020
11142	Sandy Court	Sandy Lane	North End	226	26.1	656	64	2020
11140	Sandy Lane	Juniper Parkway	Dawes Street	830	26.1	2,407	70	2020
8134	Sandy Lane	Dawes Street	East End	472	26.1	1,369	71	2020
7782	School Street	Milwaukee Avenue	250 FT East	250	30.0	834	90	
7781	School Street	250 FT East	Newberry Avenue	900	25.0	2,500	90	
7807	Second Street	Park Avenue	Broadway Street	872	26.0	2,520	75	2037
7797	Second Street	Broadway Street	Church Street	538	24.1	1,441	70	2031
8679	Second Street	North Avenue	Oak Spring Rd	541	26.0	1,563	75	2037
37203	Seventh Avenue	140 FT N of E Lincoln	Sunnyside Avenue	625	24.1	1,674	88	
7869	Shari Lane	Butterfield Road	Dymond Road	1,181	26.1	3,425	62	-
38210	Shell Drive	Lake Street	Northwind Boulevard	625	40.1	2,785	80	2039
36904	Sherborne Court	Winchester Road	East End	1,029	24.0	2,744	76	2036
7484	Springhaven Drive	North End	Lake Street	1,240	26.0	3,583	69	2029
7701	Spruce Court	Greentree Parkway	South End	151	26.0	437	77	2039
111881	Stevenson Circle	Stevenson Drive	Stevenson Drive	262	18.0	524	81	2021
7524	Stevenson Drive	Lothair Drive	East End	748	22.0	1,829	58	2021
8701	Stewart Avenue, North	Maple Avenue, W.	Park Avenue	633	26.1	1,836	60	2020
7920	Stewart Avenue, South	Park Avenue	Condell Drive	2,742	23.1	7,038	70	2030
7913	Sunnyside Place	Stewart Avenue	Milwaukee Avenue	682	20.1	1,524	60	2022
33591	Sunnyview Road	Village Limits	New Castle Drive	639	27.0	1,917	94	
8119	Tall Tree Terrace	Juniper Parkway	North End	459	26.0	1,326	77	2020
112002	Tamarack Circle	Tamarack Lane	Tamarack Lane	148	26.1	430	78	2039

Village of Libertyville Roadway Inventory - 2019 Summary Report - By Street Name (Amended)

Section ID	Street Name	From	To	Length (FT)	Width (FT)	Area (SY)	2019 PCR	Scheduled
112001	Tamarack Court	Tamarack Lane	South End	197	26.0	570	75	2036
8129	Tamarack Lane	Garfield Avenue	Garfield Avenue	2,768	26.0	7,997	65	2027
6865	Technology Way	Winchester Road	South End	1,796	36.0	7,184	71	2033
6864	Technology Way	Village Limits	Winchester Road	812	20.0	1,805	87	
11721	Tempel Drive	Industrial Drive	Lake Street	1,230	39.0	5,330	70	2032
7812	Third Street	Park Avenue	Church Street	1,417	24.1	3,795	81	
7752	Thomas Court	Paradise Lane	South End	1259	26.0	3,638	76	2026
11169	Tracy Lane	Tamarack Lane	North End	695	26.1	2,016	74	2034
8120	Tyler Court	Garfield Avenue	East End	354	26.1	1,027	69	2030
7969	Valley Park Drive	157 FT W of Ardmore	7th Avenue	2,185	27.0	6,555	74	2035
7968	Valley Park Drive	Milwaukee Avenue	157 FT W of Ardmore	455	37.1	1,876	88	
7973	Valley Park Drive	7th Avenue	Country Club Drive	566	27.0	1,698	91	
7898	Victory Drive	West End	Butterfield Road	1,318	20.0	2,929	69	2021
8672	Vineyard Lane	New Castle Drive	South End	1,746	24.0	4,656	91	
7938	Wedgemere Place	Rockland Road	Lincoln Avenue	489	24.0	1,304	65	2024
7505	Willow Avenue	Woodland Road	Butterfield Road	970	25.6	2,760	70	2032
7749	Wilshire Court	North End	Wilshire Drive	384	26.0	1,110	70	2026
11123	Wilshire Drive	Paradise Lane	East End	895	26.0	2,586	64	2026
11187	Windhaven Road	Winchester Road	Lake Street	2,478	26.0	7,159	75	2029
7937	Windsor Terrace	Rockland Road	Lincoln Avenue	490	24.8	1,351	69	2024
7501	Woodland Road	North End	Park Avenue	1,846	26.1	5,354	67	2026
7939	Wrightwood Terrace	Rockland Road	Lincoln Avenue	515	24.0	1,374	78	-
8727	Young Drive	Cedar Glen Drive	Adler Drive	912	26.1	2,645	78	2028

Total Length (FT): 178,082 (33.7 MI)

Section 3: Summary Report – By Pavement Condition Rating



Village of Libertyville Roadway Inventory - 2019 Summary Report - By Pavement Condition Rating

Section ID	Street Name	From	To	Area (SY)	2019 PCR	PCR Scale
38216	American Way Drive	Lake Street	Winchester Road	6,364	55	Poor - Very Poor
8026	Carter Street	Austin Avenue	West End	2,618	58	Poor - Very Poor
11330	Commerce Drive	Franklin Boulevard	Harris Road	6,848	58	Poor - Very Poor
7524	Stevenson Drive	Lothair Drive	East End	1,829	58	Poor - Very Poor
8716	Broadway Street	Milwaukee Avenue	Fourth Street	7,104	60	Fair - Poor
8701	Stewart Avenue, North	Maple Avenue, W.	Park Avenue	1,836	60	Fair - Poor
7913	Sunnyside Place	Stewart Avenue	Milwaukee Avenue	1,524	60	Fair - Poor
7880	Pine Tree Lane	Butterfield Road	East End	3,138	61	Fair - Poor
7525	Crane Boulevard	West End	Butterfield Road	2,795	62	Fair - Poor
11106	Harms Avenue	Butterfield Road	Havenwood Drive	1,704	62	Fair - Poor
8027	Nordic Court	Crane Boulevard	Crane Boulevard	5,099	62	Fair - Poor
7869	Shari Lane	Butterfield Road	Dymond Road	3,425	62	Fair - Poor
7843	Ash Street	Rockland Road	Austin Avenue	1,032	63	Fair - Poor
7838	Carter Street	McKinley Avenue	Rockland Road	2,168	63	Fair - Poor
8051	Fairlawn Avenue	Butterfield Road	Dymond Road	3,458	63	Fair - Poor
33562	Briarwood Lane	Greentree Parkway	Greentree Parkway	3,376	64	Fair - Poor
7904	Circle Drive	Rockland Road	South End	439	64	Fair - Poor
34056	Finstad Drive	West End	Milwaukee Avenue	1,020	64	Fair - Poor
7925	Prairie Avenue	Lincoln Avenue	Sunnyside Avenue	1,627	64	Fair - Poor
8007	Ridgeway Lane	Park Avenue	Camelot Lane	726	64	Fair - Poor
11142	Sandy Court	Sandy Lane	North End	656	64	Fair - Poor
11123	Wilshire Drive	Paradise Lane	East End	2,586	64	Fair - Poor
29041	Bartlett Terrace	Appley Avenue	Appley Avenue	6,195	65	Fair - Poor
38578	Camelot Lane	Ridgeway Lane	North End	8,560	65	Fair - Poor
29434	Harris Road	505 FT N of Commerce	Commerce Drive	2,020	65	Fair - Poor
39466	Oak Spring Road	Appley Avenue	W Bridge Abutment	5,362	65	Fair - Poor
8129	Tamarack Lane	Garfield Avenue	Garfield Avenue	7,997	65	Fair - Poor
7938	Wedgemere Place	Rockland Road	Lincoln Avenue	1,304	65	Fair - Poor
8728	Cedar Glen Drive	Cass Avenue	Adler Drive	4,666	66	Fair - Poor
8144	Greentree Parkway	Dawes Street	Garfield Avenue	7,427	66	Fair - Poor
7978	Lincoln Avenue, East	Milwaukee Avenue	Fourth Avenue	4,944	66	Fair - Poor
7844	Oak Street	Rockland Road	Austin Avenue	1,072	66	Fair - Poor
8688	Brainerd Avenue	North End	Park Avenue	7,895	67	Fair - Poor
7972	Golf Road, East	Milwaukee Avenue	Cambridge Drive	2,747	67	Fair - Poor
8765	Hyatt Drive	Avalon Lane	Sandstone Drive	1,393	67	Fair - Poor
7755	Innsbruck Court	Lake Street	South End	1,912	67	Fair - Poor
11121	Paradise Lane	North End	Lake Street	5,163	67	Fair - Poor
7501	Woodland Road	North End	Park Avenue	5,354	67	Fair - Poor

Village of Libertyville Roadway Inventory - 2019 Summary Report - By Pavement Condition Rating

Section ID	Street Name	From	To	Area (SY)	2019 PCR	PCR Scale
11716	Franklin Boulevard	Peterson Road	Winchester Road	11,972	68	Fair - Poor
29433	Harris Road	Commerce Drive	Winchester Road	2,244	68	Fair - Poor
7866	Havenwood Drive	Harms Avenue	Dymond Road	1,787	68	Fair - Poor
7756	Jeremy Lane	Winchester Road	Wilshire Drive	1,555	68	Fair - Poor
8695	Maple Avenue, West	Brainerd Avenue	Milwaukee Avenue	3,873	68	Fair - Poor
7839	Carter Street	Rockland Road	Crane Boulevard	686	69	Fair - Poor
8677	Cass Court	Cass Avenue	East End	1,361	69	Fair - Poor
8730	Cedar Glen Court	Cedar Glen Drive	East End	894	69	Fair - Poor
7915	Florence Court	West End	Stewart Avenue	1,640	69	Fair - Poor
8118	Juniper Parkway	Sandy Lane	Garfield Avenue	9,319	69	Fair - Poor
7931	Prairie Avenue	Rockland Road	Lincoln Avenue	1,912	69	Fair - Poor
7484	Springhaven Drive	North End	Lake Street	3,583	69	Fair - Poor
8120	Tyler Court	Garfield Avenue	East End	1,027	69	Fair - Poor
7898	Victory Drive	West End	Butterfield Road	2,929	69	Fair - Poor
7937	Windsor Terrace	Rockland Road	Lincoln Avenue	1,351	69	Fair - Poor
7791	Church Street, East	Fourth Street	Fifth Street	5,165	70	Fair - Poor
29000	Condell Drive	Milwaukee Avenue	Fairview Avenue	3,500	70	Fair - Poor
7709	Fourth Avenue	NS Trail/IDOT ROW	East Park Avenue	965	70	Fair - Poor
339741	Hough Street	North End	Park Avenue	2,985	70	Fair - Poor
11140	Sandy Lane	Juniper Parkway	Dawes Street	2,407	70	Fair - Poor
7797	Second Street	Broadway Street	East Church Street	1,441	70	Fair - Poor
7920	Stewart Avenue, South	Park Avenue	Condell Drive	7,038	70	Fair - Poor
11721	Tempel Drive	Industrial Drive	Lake Street	5,330	70	Fair - Poor
7505	Willow Avenue	Woodland Road	Butterfield Road	2,760	70	Fair - Poor
7749	Wilshire Court	North End	Wilshire Drive	1,110	70	Fair - Poor
8122	Crabtree Lane	Juniper Parkway	South End	1,584	71	Fair - Poor
29040	Manor Circle	West End	Sandstone Drive	656	71	Fair - Poor
8116	Mayfair Drive	Dawest Street	North to Pvmt Change	2,895	71	Fair - Poor
81161	Mayfair Drive	Dawes Street	South to Pvmt Change	1,539	71	Fair - Poor
39200	Oak Spring Road	Northwoods Drive	St. Marys Road	2,709	71	Fair - Poor
8134	Sandy Lane	Dawes Street	East End	1,369	71	Fair - Poor
6865	Technology Way	Winchester Road	South End	7,184	71	Fair - Poor
8002	Briar Place	2nd Avenue	Ardmore Terrace	1,294	72	Fair - Poor
7881	Havenwood Court	North End	Havenwood Drive	818	72	Fair - Poor
11713	Mallory Drive	Midlothian Road	East End	6,176	72	Fair - Poor
29038	Maple Avenue, East	Milwaukee Avenue	Park Place	1,323	72	Fair - Poor
7995	Meadow Lane	Second Avenue	Fourth Avenue	2,352	72	Fair - Poor
36754	Ames Street	Austin Avenue	Garfield Avenue	3,296	73	Fair - Poor

Village of Libertyville Roadway Inventory - 2019 Summary Report - By Pavement Condition Rating

Section ID	Street Name	From	To	Area (SY)	2019 PCR	PCR Scale
7401	Ashbury Lane	Park Avenue	Ashbury Lane	13,074	73	Fair - Poor
7809	Fourth Street	East Park Avenue	East Church Street	4,779	73	Fair - Poor
8067	Garfield Avenue	Austin Avenue	Golf Road	13,474	73	Fair - Poor
8075	Garfield Avenue	Green Tree Parkway	South End	2,488	73	Fair - Poor
7860	Harding Avenue	Butterfield Road	Park Avenue	3,970	73	Fair - Poor
294341	Harris Road	Peterson Road	505 FT N of Commerce	5,740	73	Fair - Poor
7504	Kenloch Avenue	North End	South End	4,101	73	Fair - Poor
7958	Ardmore Terrace	Valley Park Drive	East Austin Avenue	3,338	74	Fair - Poor
8722	Cass Avenue	Buckley Road	South End	4,796	74	Fair - Poor
7687	Gulfstream Parkway	Red Top Drive	North End	1,448	74	Fair - Poor
11108	Harms Avenue	Havenwood Drive	Dymond Road	1,878	74	Fair - Poor
11064	Kelley Court	Northwind Boulevard	East End	3,379	74	Fair - Poor
7816	Lake Street	125 FT E of Stonegate	West Street	4,640	74	Fair - Poor
7314	Old Barn Circle	Butterfield Road	New Castle Drive	6,462	74	Fair - Poor
7483	Quaker Hill Lane	Windhaven Road	South End	1,402	74	Fair - Poor
11169	Tracy Lane	Tamarack Lane	North End	2,016	74	Fair - Poor
7969	Valley Park Drive	157 FT W of Ardmore	7th Avenue	6,555	74	Fair - Poor
11331	Commerce Drive	Midlothian Road	Harris Road	4,836	75	Good - Fair
7841	Garfield Avenue	S End of Curve	Austin Avenue	5,053	75	Good - Fair
8069	Garfield Avenue	Golf Road	Green Tree Pakway	9,357	75	Good - Fair
11062	Northwind Boulevard	Lake Street	Peterson Road	6,623	75	Good - Fair
78031	Park Place	Hurlburt Court	Broadway Street	1,422	75	Good - Fair
8766	Parliament Court	West End	South End	3,109	75	Good - Fair
7807	Second Street	East Park Avenue	Broadway Street	2,520	75	Good - Fair
8679	Second Street	North Avenue	Oak Spring Rd	1,563	75	Good - Fair
112001	Tamarack Court	Tamarack Lane	South End	570	75	Good - Fair
11187	Windhaven Road	Winchester Road	Lake Street	7,159	75	Good - Fair
7940	Buckingham Place	East Rockland Road	East Lincoln Avenue	1,382	76	Good - Fair
7806	First Street	East Park Avenue	Broadway Street	2,272	76	Good - Fair
7977	Golf Road, East	Cambridge Drive	Fourth Avenue	3,246	76	Good - Fair
7943	Hampton Terrace	Rockland Road	Lincoln Avenue	1,555	76	Good - Fair
7934	Hampton Terrace	Glendale Road	Rockland Road	1,865	76	Good - Fair
36904	Sherborne Court	Winchester Road	East End	2,744	76	Good - Fair
7752	Thomas Court	Paradise Lane	South End	3,638	76	Good - Fair
11719	Industrial Drive	Peterson Rd	Cul-De-Sac	9,063	77	Good - Fair
7688	Maywood Court	Riva Ridge Drive	West End	894	77	Good - Fair
8036	Pembroke Road	Warwick Lane	Dawes Street	1,677	77	Good - Fair
7902	Rockland Road, West	Garfield Avenue	Burdick Street	2,129	77	Good - Fair

Village of Libertyville Roadway Inventory - 2019 Summary Report - By Pavement Condition Rating

Section ID	Street Name	From	To	Area (SY)	2019 PCR	PCR Scale
7701	Spruce Court	Greentree Parkway	South End	437	77	Good - Fair
8119	Tall Tree Terrace	Juniper Parkway	North End	1,326	77	Good - Fair
11720	Enterprise Court	North End	Tempel Drive	2,488	78	Good - Fair
7710	Fourth Avenue	Rockland Road	NS Trail/IDOT ROW	3,962	78	Good - Fair
7999	Glendale Road	Buckingham Place	Kenwood Avenue	2,557	78	Good - Fair
8127	Hemlock Lane	Juniper Parkway	East End	1,924	78	Good - Fair
8759	Orchard Circle	West End	Sandstone Drive	818	78	Good - Fair
112002	Tamarack Circle	Tamarack Lane	Tamarack Lane	430	78	Good - Fair
7939	Wrightwood Terrace	Rockland Road	Lincoln Avenue	1,374	78	Good - Fair
8727	Young Drive	Cedar Glen Drive	Adler Drive	2,645	78	Good - Fair
7731	Artaius Parkway	Milwaukee Avenue	Milwaukee Avenue	8,576	79	Good - Fair
11163	Burridge Court	Dymond Road	East End	1,867	79	Good - Fair
38526	Harris Road	North End	Peterson Road	1,086	79	Good - Fair
7136	Hollister Drive	Milwaukee Avenue	Milwaukee Avenue	9,471	79	Good - Fair
29032	Hurlburt Court	Milwaukee Avenue	285 FT East	824	79	Good - Fair
290321	Hurlburt Court	285 FT East	Park Place	645	79	Good - Fair
7930	Lincoln Avenue, East	Fourth Avenue	Seventh Avenue	3,293	79	Good - Fair
7803	Park Place	Park Avenue	Hurlburt Court	1,102	79	Good - Fair
7689	Apple Tree Lane	Red Top Drive	South End	1,448	80	Good - Fair
7699	Pimlico Parkway	Red Top Drive	South End	1,761	80	Good - Fair
8123	Poplar Court	Juniper Parkway	East End	1,494	80	Good - Fair
7899	Rockland Road, West	Stewart Avenue	Garfield Avenue	6,228	80	Good - Fair
11137	Rosewood Terrace	Juniper Parkway	South End	1,243	80	Good - Fair
38210	Shell Drive	Lake Street	Northwind Boulevard	2,785	80	Good - Fair
7864	Gracewood Drive	West End	Dymond Road	1,347	81	Good - Fair
11718	Industrial Drive	Cul-De-Sac	North End	2,473	81	Good - Fair
8125	Lilac Court	Juniper Parkway	South End	1,160	81	Good - Fair
111881	Stevenson Circle	Stevenson Drive	Stevenson Drive	524	81	Good - Fair
7812	Third Street	East Park Avenue	East Church Street	3,795	81	Good - Fair
8724	Adler Drive	West End	Cedar Glen Drive	3,309	82	Good - Fair
7785	First Street	Church Street	Cook Avenue	736	82	Good - Fair
7691	Flamingo Parkway	Red Top Drive	North End	1,185	82	Good - Fair
8685	Lake Street	West Street	Brainerd Avenue	3,787	82	Good - Fair
8131	Nita Lane	Tamarack Lane	West End	1,912	82	Good - Fair
11151	Lake Street	Butterfield Road	417 FT E of Butterfield	1,529	83	Good - Fair
8105	Bridle Court	Furlong Drive	East End	806	84	Good - Fair
7703	Fourth Avenue	vac. Glendale Road ROW	East Rockland Road	2,454	84	Good - Fair
8680	Cook Avenue, East	Milwaukee Avenue	First Street	4,051	85	Good - Fair

Village of Libertyville Roadway Inventory - 2019 Summary Report - By Pavement Condition Rating

Section ID	Street Name	From	To	Area (SY)	2019 PCR	PCR Scale
11171	Parkview Drive	Milwaukee Avenue	960 FT E of Milwaukee	2,176	85	Good - Fair
7908	Rockland Road, West	Milwaukee Avenue	Stewart Avenue	3,545	86	Good - Fair
7784	First Street	Cook Avenue	North Avenue	1,061	87	Good - Fair
6864	Technology Way	Village Limits	Winchester Road	1,805	87	Good - Fair
37203	Seventh Avenue	140 FT N of E Lincoln	Sunnyside Avenue	1,674	88	Good - Fair
7968	Valley Park Drive	Milwaukee Avenue	157 FT W of Ardmore	1,876	88	Good - Fair
7907	Garfield Avenue	Park Avenue	S End of Curve	910	89	Good - Fair
7496	Lake Street	417 FT E of Butterfield	125 FT E of Stonegate	14,060	89	Good - Fair
38710	Margate Lane	Ridgeway Lane	Hawthorne Road	1,636	90	Very Good - Good
7782	School Street	Milwaukee Avenue	250 FT East	834	90	Very Good - Good
7781	School Street	250 FT East	Newberry Avenue	2,500	90	Very Good - Good
7888	Dymond Road	Park Avenue	Crane Boulevard	5,557	91	Very Good - Good
7704	Fourth Avenue	Valley Park Drive	vac. Glendale Road ROW	3,720	91	Very Good - Good
7973	Valley Park Drive	7th Avenue	Country Club Drive	1,698	91	Very Good - Good
8672	Vineyard Lane	New Castle Drive	South End	4,656	91	Very Good - Good
7780	Newberry Avenue	Milwaukee Avenue	First Street	3,227	92	Very Good - Good
7813	Appley Avenue	Oak Spring Road	Bartlett Terrace, East	3,360	93	Very Good - Good
8039	Dover Court	West End	Dymond Road	1,991	94	Very Good - Good
8686	Lake Street	Brainerd Avenue	Milwaukee Avenue	1,509	94	Very Good - Good
111711	Parkview Drive	960 FT E of Milwaukee	Carriage Hill Circle	2,176	94	Very Good - Good
8009	Ridgeway Lane	Camelot Lane	Margate Lane	774	94	Very Good - Good
33591	Sunnyview Road	Village Limits	New Castle Drive	1,917	94	Very Good - Good
7883	Pond Ridge Road	North End	Blueberry Road	4,136	96	Very Good - Good

Average PCR: 74 Fair - Poor

Section 4: Summary Report – Past Programs (2013-2019)



Village of Libertyville Roadway Inventory - 2019 Summary Report - Past Programs (2013-2019)

Section ID	Street Name	From	To	Area (SY)	Previous Maintenance Year
7984	Austin Avenue, East	Milwaukee Avenue	Second Avenue	1,155	2013/14
7983	Austin Avenue, East	Second Avenue	Fourth Avenue	2,283	2013/14
8763	Avalon Avenue			2,190	2013/14
7766	Blackburn Circle			1,365	2013/14
7696	Braeman Court			1,416	2013/14
7942	Buckingham Place	Glendale Road	Rockland Road	1,741	2013/14
7835	Burdick Street	Rockland Road	Austin Avenue	1,627	2013/14
7698	Cali Court			771	2013/14
7840	Carter Street	Crane Boulevard	Austin Avenue	1,335	2013/14
8025	Crane Boulevard	Butterfield Road	203 FT E of Drake St	7,353	2013/14
7897	Crane Boulevard	203 FT E of Drake St	Rockland Road	3,377	2013/14
8077	Coolidge Place			927	2013/14
8053	Crestfield Avenue	Dymond Road	Fairlawn Avenue	2,681	2013/14
8128	Cypress Lane, East	West End	Garfield Avenue	1,236	2013/14
7690	Downs Parkway			1,629	2013/14
7882	Dymond Road, North	North End	Park Avenue	890	2013/14
8052	Dymond Road, South	Crane Boulevard	Golf Road	4,983	2013/14
8058	Dymond Road, South	Golf Road	South End	1,800	2013/14
8651	Ellis Avenue			4,114	2013/14
7768	Ellis Avenue, West	Milwaukee Avenue	W of Wheeler Court	2,123	2013/14
7769	Ellis Avenue, West	Winchester Road	Merrill Court	1,213	2013/14
29039	Elm Drive			1,137	2013/14
7692	Emerson Lane			1,043	2013/14
8136	Evergreen Court			1,704	2013/14
7705	Fourth Avenue	175 FT N of Fifth Ave	Golf Road	8,151	2013/14
7706	Fourth Avenue	Valley Park Drive	175 FT N of Fifth Ave	1,564	2013/14
8104	Furlong Drive			7,216	2013/14
7998	Glendale Road	Buckingham Place	West End	598	2013/14
8152	Greentree Court			917	2013/14
29033	Hurlburt Court	Park Place	First Street	1,005	2013/14
29034	Hurlburt Court	First Street	Fourth Street	3,058	2013/14
7480	Interlaken Court			815	2013/14
7481	Interlaken Lane			4,322	2013/14
7693	James Court			1,450	2013/14
7777	Johnson Avenue			2,283	2013/14
8121	Juniper Court	'Horseshoe'	Talltree Terrace	823	2013/14
81211	Juniper Court	'Horseshoe'	Crabtree Lane	1,072	2013/14
8703	Laurel Avenue			2,616	2013/14

Village of Libertyville Roadway Inventory - 2019
Summary Report - Past Programs (2013-2019)

Section ID	Street Name	From	To	Area (SY)	Previous Maintenance Year
7979	Lincoln Avenue, West	Milwaukee Avenue	Stewart Avenue	2,453	2013/14
7909	Lincoln Avenue, West	Stewart Avenue	Garfield Avenue	3,070	2013/14
7530	Lothair Drive			1,234	2013/14
7980	McKinley Avenue	Milwaukee Avenue	Stewart Avenue	2,235	2013/14
8111	Mullady Parkway			3,138	2013/14
8108	Paddock Court			357	2013/14
8106	Paddock Lane			5,525	2013/14
7975	Paul Revere Lane			844	2013/14
7895	Rockland Road, West	Burdick Street	Carter Street	797	2013/14
11195	Roosevelt Drive	Golf Road	Fairlawn Avenue	1,904	2013/14
7695	Ruidoso Court			1,222	2013/14
8754	Sandstone Drive	Winchester Road	Pvmnt Chng S of Minear	1,089	2013/14
8757	Sandstone Drive	Pvmnt Chng S of Minear	Appley Avenue	2,506	2013/14
7490	Sedgwick Drive			4,260	2013/14
7497	St James Place			1,716	2013/14
77381	St William Court			994	2013/14
11188	Stevenson Drive	W of Lothair Drive	Canterbury Subdivision	598	2013/14
8003	Sunnyside Avenue	Fourth Avenue	300 FT W of Seventh	3,285	2013/14
7981	Sunnyside Avenue	Milwaukee Avenue	Fourth Avenue	3,543	2013/14
7941	Wrightwood Terrace	Rockland Road	South End	1,933	2013/14
7884	Acorn Lane			2,724	2014/15
11078	Amy Lane	Pvmnt Chng N of Eric	N Cul-de-Sac	3,237	2014/15
11088	Annie Lane	Pvmnt Chng N of Eric	N Cul-de-Sac	2,430	2014/15
7814	Appley Avenue	Milwaukee Avenue	Bartlett Terrace, East	3,060	2014/15
7857	Arthur Avenue			2,681	2014/15
7684	Ascot Court			1,704	2014/15
7887	Blueberry Road	Park Avenue	N of Acorn Ln	5,046	2014/15
7767	Blueberry Road	N of Acorn Ln	North End	1,179	2014/15
7522	Brandywine Road			4,504	2014/15
7878	Burdick Street	Austin Avenue	W of Dawes Street	1,807	2014/15
7847	Burdick Street	McKinley Avenue	Rockland Road	2,466	2014/15
29490	Butterfield Lane			1,424	2014/15
7685	Caliente Court			1,678	2014/15
7528	Canterbury Circle			5,072	2014/15
8142	Catalpa Lane			1,725	2014/15
7686	Chatham Court			664	2014/15
11074	Dancer Court			823	2014/15
8135	Dawes Street	155 FT E of Mayfair Ave	Greentree Parkway	5,544	2014/15

Village of Libertyville Roadway Inventory - 2019 Summary Report - Past Programs (2013-2019)

Section ID	Street Name	From	To	Area (SY)	Previous Maintenance Year
7848	Drake Street	Crane Boulevard	McKinley Avenue	2,152	2014/15
	Drake Street	Crane Boulevard	Rockland Road	2,008	2014/15
8035	Fairlawn Avenue	143 FT E of Dawes St	Garfield Avenue	3,446	2014/15
11079	Forever Avenue	S of Pvmnt Chng	Virginia Avenue	1,213	2014/15
7523	Golf Road, West	Butterfield Road	Canterbury Circle	6,479	2014/15
7853	Hayes Avenue			2,568	2014/15
8022	Highgate Court			1,075	2014/15
8145	Magnolia Lane			1,416	2014/15
11160	McKinley Avenue	Dawes Street	Drake Street	794	2014/15
7891	McKinley Avenue	Garfield Avenue	Dawes Street	3,885	2014/15
7910	McKinley Avenue	Stewart Avenue	Garfield Avenue	3,945	2014/15
7531	Newgate Court			1,251	2014/15
7765	Paradise Lane	S of Lake Street		4,427	2014/15
11093	Pleasant Court			1,205	2014/15
11085	Romeo Circle			815	2014/15
29489	Stonegate Court			956	2014/15
7751	Stonegate Road			3,383	2014/15
8137	Thonapple Lane			1,496	2014/15
11082	Virginia Avenue	Butterfield Road	155 FT N of Eric Lane	9,630	2014/15
8148	Weeping Willow Lane			1,696	2014/15
8725	Adler Drive	Cedar Glen Drive	Milwaukee Avenue	4,538	2015/16
7834	Ames Street	McKinley Avenue	Rockland Road	2,547	2015/16
7846	Ames Street	Rockland Road	Austin Avenue	1,232	2015/16
7905	Austin Avenue, West	Garfield Avenue	Austin Avenue	2,880	2015/16
7287	Braxton Road			2,440	2015/16
11073	Bush Court			771	2015/16
7298	Butterfield Road	Peterson Road	Castleton Road	1,682	2015/16
7285	Castleton Road			1,355	2015/16
8079	Coolidge Avenue			2,152	2015/16
7282	Darnell Street			3,410	2015/16
11094	Forever Avenue	166 FT N of Virginia	Bush Court	3,621	2015/16
7284	Halifax Street			1,899	2015/16
7489	Hillcrest Drive			3,133	2015/16
11077	Josilyn Court			1,496	2015/16
11076	Juliet Lane	Bush Court	337 N of Virginia	2,565	2015/16
11075	Juliet Lane	337 FT N of Virginia	Amy Lane	4,173	2015/16
7468	Kristin Drive			6,168	2015/16
7694	Loatonia Court			1,118	2015/16

Village of Libertyville Roadway Inventory - 2019
Summary Report - Past Programs (2013-2019)

Section ID	Street Name	From	To	Area (SY)	Previous Maintenance Year
7479	Loyola Drive			6,006	2015/16
7926	Meadow Lane	Fourth Avenue	Seventh Avenue	3,163	2015/16
8768	Miner Drive			1,941	2015/16
33978	North Avenue			4,891	2015/16
7288	Old Peterson Road			1,189	2015/16
11096	Park Crest Court			1,504	2015/16
7727	Red Top Drive	Fourth Avenue	East End	2,637	2015/16
7493	Ridgewood Lane	Butterfield Road	Hillcrest Drive	1,886	2015/16
7498	Ridgewood Lane	N of Hillcrest Drive		1,242	2015/16
7893	Rockland Road, West	Carter Street	Drake Street	1,904	2015/16
7714	Riva Ridge Drive			6,413	2015/16
7858	Roosevelt Drive	Golf Road	Fairlawn Avenue	1,904	2015/16
8030	Saxon Lane			1,968	2015/16
7738	St William Drive			7,286	2015/16
7697	Suffolk Court			1,450	2015/16
7482	Ashley Lane			1,621	2016/17
8657	Blackberry Court			1,435	2016/17
8753	Carriage Hill Circle			5,229	2016/17
8658	Checkerberry Court			901	2016/17
7485	Claridge Drive			2,531	2016/17
8053	Crestfield Avenue	Dymond Road	Fairlawn Avenue	2,681	2016/17
8651	Elderberry Drive			4,829	2016/17
8760	Ellis Avenue, East			4,114	2016/17
7768	Ellis Avenue, West	Milwaukee Avenue	Wheeler Court	2,123	2016/17
7769	Ellis Avenue, West	Winchester Road	Merrill Court	1,213	2016/17
8034	Fairlawn Avenue	Dymond Road	143 FT E of Dawes St	3,597	2016/17
7732	Florsheim Drive			7,107	2016/17
8655	Hackberry Court			883	2016/17
7777	Johnson Avenue			2,283	2016/17
28987	Kempton Drive			3,500	2016/17
33590	Kildare Avenue	Sunnyview Road	East End	1,452	2016/17
8706	Lange Court			1,696	2016/17
8656	Lingonberry Court			1,059	2016/17
7771	Merrill Court			2,094	2016/17
8659	Mulberry Drive			5,555	2016/17
39890	Newcastle Drive	Old Barn Circle	W Wineberry Subdivision	1,344	2016/17
8661	Newcastle Drive	W Wineberry Subdivision	East End	5,529	2016/17
7478	Oxford Court			1,584	2016/17

Village of Libertyville Roadway Inventory - 2019
Summary Report - Past Programs (2013-2019)

Section ID	Street Name	From	To	Area (SY)	Previous Maintenance Year
8675	Plumwood Drive			491	2016/17
8660	Portwine Court			760	2016/17
8660	Portwine Drive			272	2016/17
8674	Ronan Court			1,707	2016/17
7471	Sussex Lane	Claridge Drive	Wellington Avenue	2,718	2016/17
7463	Sussex Lane	Wellington Avenue	Trinity Place	2,874	2016/17
7469	Trinity Place	Claridge Drive	Sussex Ln/Oxford Ct	2,652	2016/17
7740	Trinity Place	N of Sussex Lane		2,193	2016/17
8672	Vineyard Avenue			4,656	2016/17
8752	Walnut Street			3,752	2016/17
7464	Wellington Avenue			4,498	2016/17
7770	Wheeler Court			1,144	2016/17
7890	Dawes Street	Park Avenue	McKinley Avenue	1,650	2017/18
7836	Dawes Street	McKinley Avenue	Crane Boulevard	3,469	2017/18
8028	Dawes Street	Crane Boulevard	Burdick Street	2,315	2017/18
8033	Dawes Street	Burdick Street	Fairlawn Avenue	1,659	2017/18
7852	Dawes Street	Fairlawn Avenue	156 FT S of Fairlawn Ave	416	2017/18
7856	Dawes Street	156 FT S of Fairlawn Ave	Golf Road	1,240	2017/18
7855	Dawes Street	Golf Road	155 FT S of Warwick Ln	3,645	2017/18
8135	Dawes Street	155 FT S of Warwick Ln	155 FT E of Mayfair Dr	4,248	2017/18
7905	Austin Avenue	Milwaukee Avenue	Garfield Avenue	6,888	2017/18
7919	Fairview Avenue			2,366	2017/18
8077	Coolidge Place			927	2017/18
8713	Wright Court			1,468	2017/18
7795	First Street	Broadway Street	Church Street	1,390	2017/18
8710	Grant Court			1,530	2017/18
8702	Arbor Court			1,243	2017/18
38525	Elm Court			2,149	2017/18
11127	Sunset Drive	Park Avenue	Linden Lane	1,778	2017/18
11128	Sunset Drive	Linden Lane	Laurel Avenue	1,362	2017/18
11126	Forest Lane			1,226	2017/18
8703	Laurel Avenue			2,616	2017/18
29039	Elm Drive			1,137	2017/18
11126	Forest Lane			1,226	2017/18
11131	Linden Lane			560	2017/18
8684	Cook Avenue	Milwaukee Avenue	Brainerd Avenue	803	2017/18
8681	Cook Avenue	Brainerd Avenue	West Street	3,365	2017/18
8709	Church Street, West			1,864	2017/18

Village of Libertyville Roadway Inventory - 2019
Summary Report - Past Programs (2013-2019)

Section ID	Street Name	From	To	Area (SY)	Previous Maintenance Year
8706	Lange Court			1,696	2017/18
8700	Jackson Avenue			1,373	2017/18
8698	Douglas Avenue			1,661	2017/18
11159	West Street			1,349	2017/18
7971	Cambridge Drive	N of Golf Road		2,149	2017/18
7976	Cambridge Drive	S of Golf Road		821	2017/18
7966	Harvard Lane			3,299	2017/18
11138	Downing Road			2,325	2017/18
11139	Michaels Lane			787	2017/18
8115	Eton Court			1,051	2017/18
7972	Golf Road, East	Milwaukee Avenue	Cambridge Drive	2,739	2017/18
7977	Golf Road, East	Cambridge Drive	Fourth Avenue	3,244	2017/18
8085	Golf Road, East	Fourth Avenue	Country Club Drive	1,830	2017/18
28992	Country Club Drive			2,889	2017/18
11178	Riverside Drive			1,563	2017/18
11078	Amy Lane	S Cul-de-Sac	N of Eric Lane	1,806	2018/19
11168	Bedford Lane			3,316	2018/19
6880	Brian Circle			1,285	2018/19
7786	Church Street, East	Milwaukee Avenue	First Street	3,095	2018/19
7788	Church Street, East	First Street	Fourth Street	4,010	2018/19
7462	Deborah Circle			1,147	2018/19
8052	Dymond Road	Crane Boulevard	Golf Road	4,983	2018/19
7486	Eric Lane	Virginia Avenue	237 FT E of Amy Lane	3,016	2018/19
7460	Eric Lane	237 FT E of Amy Lane	East End	3,632	2018/19
7445	Jaimee Lane			2,868	2018/19
11221	Jessica Lane			4,322	2018/19
7454	Lisa Circle			821	2018/19
29492	Lucerne Lane			570	2018/19
7450	Nathan Lane	Virginia Avenue	159 FT of Deborah Lane	3,480	2018/19
7448	Nathan Lane	159 FT of Deborah Lane	East End	3,702	2018/19
8467	Old Hickory Lane			1,646	2018/19
8000	Second Avenue	Sunnyside Avenue	End	4,637	2018/19
7933	Seventh Avenue	140 FT N of Lincoln Ave	Rockland Road	2,042	2018/19
8465	Thornbury Lane			2,644	2018/19
6863	Tiffany Lane			1,251	2018/19
7457	Trevor Circle			1,232	2018/19
11180	Virginia Avenue	155 FT N of Eric Lane	Nathan Lane	2,736	2018/19
8761	Winchester Road	Milwaukee Avenue	140 FT E of Parliament	4,081	2018/19

Village of Libertyville Roadway Inventory - 2019
Summary Report - Past Programs (2013-2019)

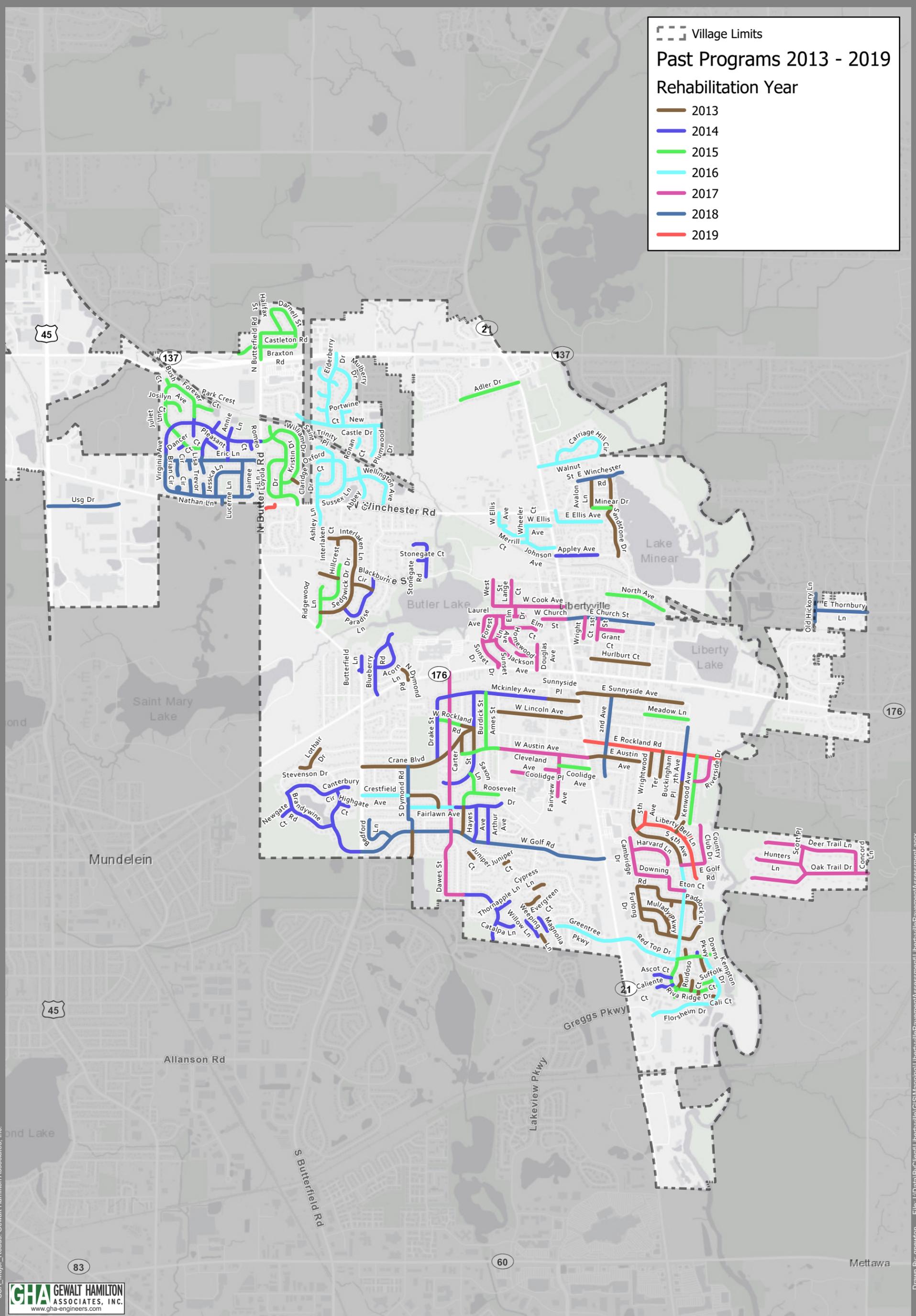
Section ID	Street Name	From	To	Area (SY)	Previous Maintenance Year
8770	Winchester Road	Parliament Court	Sandstone Drive	2,724	2018/19
8769	Winchester Road	Sandstone Drive	East End	1,002	2018/19

Section 5: Overall Location Maps



Village Limits
Past Programs 2013 - 2019
 Rehabilitation Year

- 2013
- 2014
- 2015
- 2016
- 2017
- 2018
- 2019



USA_Major_Roads: Gewalt Hamilton Associates, Inc.

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1 inch = 2,300 Feet

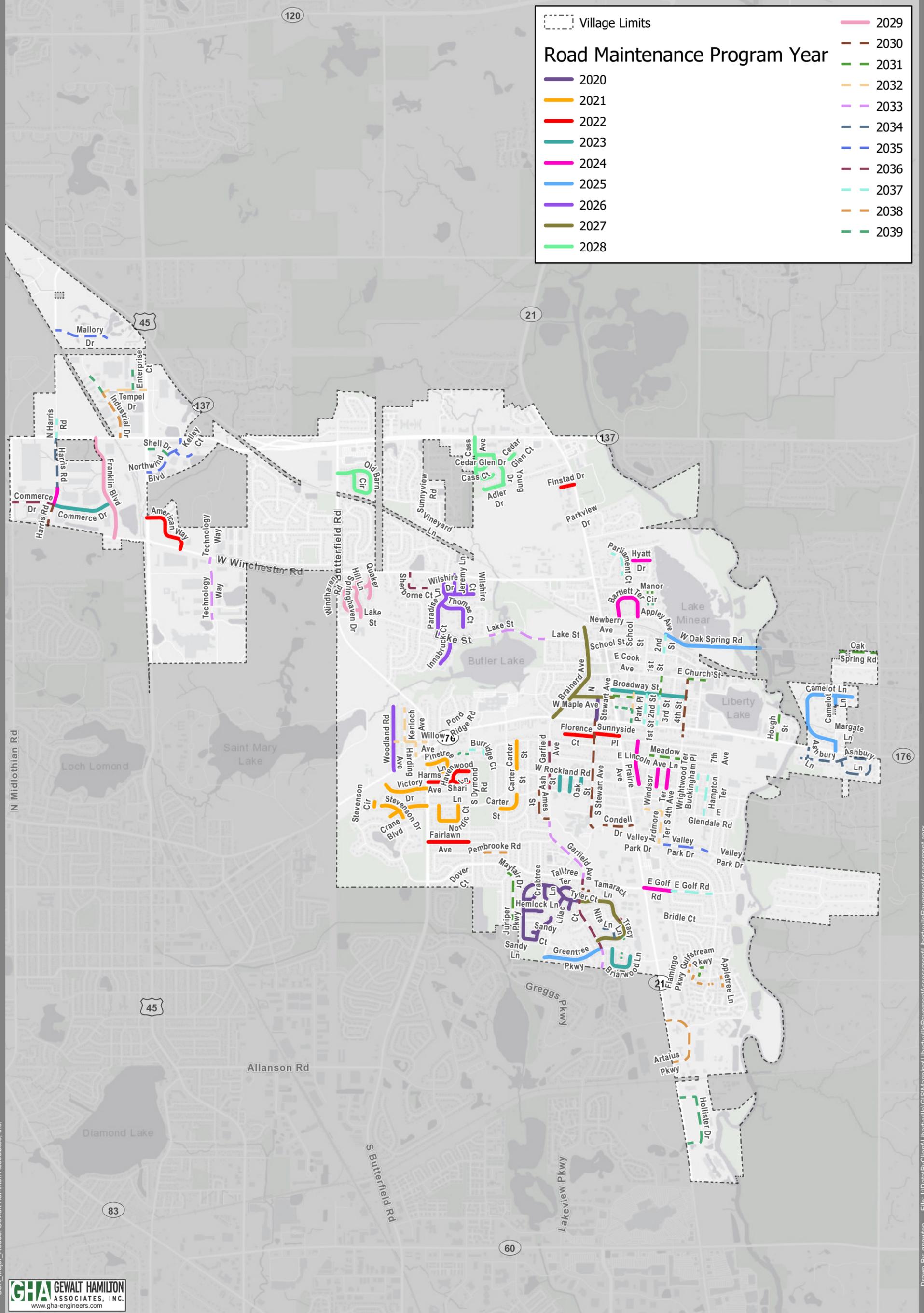
Past Programs 2013 - 2019

Village of Libertyville, Illinois

Village Limits

Road Maintenance Program Year

2020	2029
2021	2030
2022	2031
2023	2032
2024	2033
2025	2034
2026	2035
2027	2036
2028	2037
	2038
	2039



USA_Major_Roads: Gewalt Hamilton Associates, Inc.



1 inch = 2,600 Feet

Amended Road Maintenance Program Year - Overall

Village of Libertyville, Illinois

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Section 6: Cost Summary Report- By Year



Programmed Improvements
Village of Libertyville Roadway Inventory - 2019
Cost Summary Report - By Year (Amended)

Street Name	From	To	Area (SY)	PCR	Maintenance Scheduled	Value
2020						
Juniper Parkway	Sandy Lane	Garfield Avenue	9,319	69	Mill and Resurface (Heavy Patching)	\$466,000
Sandy Lane	Juniper Parkway	Dawes Street	2,407	70	Mill and Resurface	\$96,300
Sandy Lane	Dawes Street	East End	1,369	71	Mill and Resurface	\$54,800
Sandy Court	Sandy Lane	North End	656	64	Mill and Resurface (Heavy Patching)	\$32,800
Lilac Court	Juniper Parkway	South End	1,160	81	Pavement Patching	\$29,000
Rosewood Terrace	Juniper Parkway	South End	1,243	80	Pavement Patching	\$31,100
Tall Tree Terrace	Juniper Parkway	North End	1,326	77	Mill and Resurface	\$53,100
Crabtree Lane	Juniper Parkway	South End	1,584	71	Mill and Resurface	\$63,400
Poplar Court	Juniper Parkway	East End	1,494	80	Pavement Patching	\$37,400
Hemlock Lane	Juniper Parkway	East End	1,924	78	Mill and Resurface	\$77,000
Stewart Avenue, North	Maple Avenue, W.	Park Avenue	1,836	60	Mill and Resurface (Heavy Patching)	\$91,800
Construction Cost FY2020:						\$1,032,700
Construction Cost with Inflation FY2020:						\$1,032,700

2021						
Carter Street	Austin Avenue	West End	2,618	58	Mill and Resurface (Heavy Patching)	\$130,900
Stevenson Drive	Lothair Drive	East End	1,829	58	Mill and Resurface (Heavy Patching)	\$91,500
Crane Boulevard	West End	Butterfield Road	2,795	62	Mill and Resurface (Heavy Patching)	\$139,800
Victory Drive	West End	Butterfield Road	2,929	69	Mill and Resurface (Heavy Patching)	\$146,500
Stevenson Circle	Stevenson Drive	Stevenson Drive	524	81	Pavement Patching	\$13,100
Carter Street	McKinley Avenue	Rockland Road	2,168	63	Mill and Resurface (Heavy Patching)	\$108,400
Pine Tree Lane	Butterfield Road	East End	3,138	61	Mill and Resurface (Heavy Patching)	\$156,900
Nordic Court	Crane Boulevard	Crane Boulevard	5,099	62	Mill and Resurface (Heavy Patching)	\$255,000
Construction Cost FY2020:						\$1,042,100
Construction Cost with Inflation FY2021:						\$1,073,400

2022						
American Way Drive	Lake Street	Winchester Road	6,364	55	Mill and Resurface (Heavy Patching)	\$318,200
Fairlawn Avenue	Butterfield Road	Dymond Road	3,458	63	Mill and Resurface (Heavy Patching)	\$172,900
Finstad Drive	West End	Milwaukee Avenue	1,020	64	Mill and Resurface (Heavy Patching)	\$51,000
Sunnyside Place	Stewart Avenue	Milwaukee Avenue	1,524	60	Mill and Resurface (Heavy Patching)	\$76,200
Harms Avenue	Butterfield Road	Havenwood Drive	1,704	62	Mill and Resurface (Heavy Patching)	\$85,200
Florence Court	West End	Stewart Avenue	1,640	69	Mill and Resurface (Heavy Patching)	\$82,000
Havenwood Drive	Harms Avenue	Dymond Road	1,787	68	Mill and Resurface (Heavy Patching)	\$89,400
Havenwood Court	North End	Havenwood Drive	818	72	Mill and Resurface	\$32,800
Harms Avenue	Havenwood Drive	Dymond Road	1,878	74	Mill and Resurface	\$75,200
Construction Cost FY2020:						\$982,900
Construction Cost with Inflation FY2022:						\$1,042,800

Programmed Improvements
Village of Libertyville Roadway Inventory - 2019
Cost Summary Report - By Year (Amended)

Street Name	From	To	Area (SY)	PCR	Maintenance Scheduled	Value
2023						
Ash Street	Rockland Road	Austin Avenue	1,032	63	Mill and Resurface (Heavy Patching)	\$51,600
Oak Street	Rockland Road	Austin Avenue	1,072	66	Mill and Resurface (Heavy Patching)	\$53,600
Circle Drive	Rockland Road	South End	439	64	Mill and Resurface (Heavy Patching)	\$22,000
Commerce Drive	Franklin Boulevard	Harris Road	6,848	58	Mill and Resurface (Heavy Patching)	\$342,400
Broadway Street	Milwaukee Avenue	Fourth Street	7,104	60	Mill and Resurface (Heavy Patching)	\$355,200
Brianwood Lane	Greentree Parkway	Greentree Parkway	3,376	64	Mill and Resurface (Heavy Patching)	\$168,800
Construction Cost FY2020:						\$993,600
Construction Cost with Inflation FY2023:						\$1,031,400
2024						
Prairie Avenue	Lincoln Avenue	Sunnyside Avenue	1,627	64	Mill and Resurface (Heavy Patching)	\$81,400
Prairie Avenue	Rockland Road	Lincoln Avenue	1,912	69	Mill and Resurface (Heavy Patching)	\$95,600
Wedgemere Place	Rockland Road	Lincoln Avenue	1,304	65	Mill and Resurface (Heavy Patching)	\$65,200
Windsor Terrace	Rockland Road	Lincoln Avenue	1,351	69	Mill and Resurface (Heavy Patching)	\$67,600
Bartlett Terrace	Appley Avenue	Appley Avenue	6,195	65	Mill and Resurface (Heavy Patching)	\$309,800
Hyatt Drive	Avalon Lane	Sandstone Drive	1,393	67	Mill and Resurface (Heavy Patching)	\$69,700
Golf Road, East	Milwaukee Avenue	Cambridge Drive	2,747	67	Mill and Resurface (Heavy Patching)	\$137,400
Harris Road	505 FT N of Commerce	Commerce Drive	2,020	65	Mill and Resurface (Heavy Patching)	\$101,000
Construction Cost FY2020:						\$927,700
Construction Cost with Inflation FY2024:						\$975,000
2025						
Ridgeway Lane	Park Avenue	Camelot Lane	726	64	Mill and Resurface (Heavy Patching)	\$36,300
Camelot Lane	Ridgeway Lane	North End	8,560	65	Mill and Resurface (Heavy Patching)	\$428,000
Oak Spring Road	Appley Avenue	W Bridge Abutment	5,362	65	Mill and Resurface (Heavy Patching)	\$268,100
Greentree Parkway	Dawes Street	Garfield Avenue	7,427	66	Mill and Resurface (Heavy Patching)	\$371,400
Construction Cost FY2020:						\$1,103,800
Construction Cost with Inflation FY2025:						\$1,174,600
2026						
Wilshire Drive	Paradise Lane	East End	2,586	64	Mill and Resurface (Heavy Patching)	\$129,300
Paradise Lane	North End	Lake Street	5,163	67	Mill and Resurface (Heavy Patching)	\$258,200
Innsbruck Court	Lake Street	South End	1,912	67	Mill and Resurface (Heavy Patching)	\$95,600
Jeremy Lane	Winchester Road	Wilshire Drive	1,555	68	Mill and Resurface (Heavy Patching)	\$77,800
Wilshire Court	North End	Wilshire Drive	1,110	70	Mill and Resurface	\$44,400
Thomas Court	Paradise Lane	South End	3,638	76	Mill and Resurface	\$145,600
Woodland Road	North End	Park Avenue	5,354	67	Mill and Resurface (Heavy Patching)	\$267,700
Construction Cost FY2020:						\$1,018,600

**Programmed Improvements
Village of Libertyville Roadway Inventory - 2019
Cost Summary Report - By Year (Amended)**

Street Name	From	To	Area (SY)	PCR	Maintenance Scheduled	Value
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Construction Cost with Inflation FY2026: \$1,097,500

2027

Brainerd Avenue	North End	Park Avenue	7,895	67	Mill and Resurface (Heavy Patching)	\$394,800
Maple Avenue, West	Brainerd Avenue	Milwaukee Avenue	3,873	68	Mill and Resurface (Heavy Patching)	\$193,700
Tamarack Lane	Garfield Avenue	Garfield Avenue	7,997	65	Mill and Resurface (Heavy Patching)	\$399,900

Construction Cost FY2020: \$988,400

Construction Cost with Inflation FY2027: \$1,078,200

2028

Cedar Glen Drive	Cass Avenue	Adler Drive	4,666	66	Mill and Resurface (Heavy Patching)	\$233,300
Cass Court	Cass Avenue	East End	1,361	69	Mill and Resurface (Heavy Patching)	\$68,100
Cedar Glen Court	Cedar Glen Drive	East End	894	69	Mill and Resurface (Heavy Patching)	\$44,700
Cass Avenue	Buckley Road	South End	4,796	74	Mill and Resurface	\$191,900
Young Drive	Cedar Glen Drive	Adler Drive	2,645	78	Mill and Resurface	\$105,800
Adler Drive	West End	Cedar Glen Drive	3,309	82	Pavement Patching	\$82,800
Old Barn Circle	Butterfield Road	New Castle Drive	6,462	74	Mill and Resurface	\$258,500

Construction Cost FY2020: \$985,100

Construction Cost with Inflation FY2028: \$1,088,100

2029

Franklin Boulevard	Peterson Road	Winchester Road	11,972	68	Mill and Resurface (Heavy Patching)	\$598,600
Springhaven Drive	North End	Lake Street	3,583	69	Mill and Resurface (Heavy Patching)	\$179,200
Quaker Hill Lane	Windhaven Road	South End	1,402	74	Mill and Resurface	\$56,100
Windhaven Road	Winchester Road	Lake Street	7,159	75	Mill and Resurface	\$286,400

Construction Cost FY2020: \$1,120,300

Construction Cost with Inflation FY2029: \$1,252,900

2030

Tyler Court	Garfield Avenue	East End	1,027	69	Mill and Resurface (Heavy Patching)	\$51,400
Condell Drive	Milwaukee Avenue	Fairview Avenue	3,500	70	Mill and Resurface	\$140,000
Fourth Avenue	NS Trail/IDOT ROW	East Park Avenue	965	70	Mill and Resurface	\$38,600
Fourth Street	East Park Avenue	East Church Street	4,779	73	Mill and Resurface	\$191,200
Harris Road	Commerce Drive	Winchester Road	2,244	68	Mill and Resurface (Heavy Patching)	\$112,200
Ames Street	Austin Avenue	Garfield Avenue	3,296	73	Mill and Resurface	\$131,900
Stewart Avenue, South	Park Avenue	Condell Drive	7,038	70	Mill and Resurface	\$281,600

Construction Cost FY2020: \$946,900

Construction Cost with Inflation FY2030: \$1,072,200

Programmed Improvements
Village of Libertyville Roadway Inventory - 2019
Cost Summary Report - By Year (Amended)

Street Name	From	To	Area (SY)	PCR	Maintenance Scheduled	Value
2031						
Church Street, East	Fourth Street	Fifth Street	5,165	70	Mill and Resurface	\$206,600
Hough Street	North End	Park Avenue	2,985	70	Mill and Resurface	\$119,400
Second Street	Broadway Street	Church Street	1,441	70	Mill and Resurface	\$57,700
Manor Circle	West End	Sandstone Drive	656	71	Mill and Resurface	\$26,300
Oak Spring Road	Northwoods Drive	St. Marys Road	2,709	71	Mill and Resurface	\$108,400
Maple Avenue, East	Milwaukee Avenue	Park Place	1,323	72	Mill and Resurface	\$53,000
Meadow Lane	Second Avenue	Fourth Avenue	2,352	72	Mill and Resurface	\$94,100
Mayfair Drive	Dawest Street	North to Pvmt Change	2,895	71	Mill and Resurface	\$115,800
Mayfair Drive	Dawes Street	South to Pvmt Change	1,539	71	Mill and Resurface	\$61,600
Gulfstream Parkway	Red Top Drive	North End	1,448	74	Mill and Resurface	\$58,000
Construction Cost FY2020:						\$900,900
Construction Cost with Inflation FY2031:						\$1,032,900
2032						
Willow Avenue	Woodland Road	Butterfield Road	2,760	70	Mill and Resurface	\$110,400
Harding Avenue	Butterfield Road	Park Avenue	3,970	73	Mill and Resurface	\$158,800
Kenloch Avenue	North End	South End	4,101	73	Mill and Resurface	\$164,100
Tempel Drive	Industrial Drive	Lake Street	5,330	70	Mill and Resurface	\$213,200
Briar Place	2nd Avenue	Ardmore Terrace	1,294	72	Mill and Resurface	\$51,800
Ardmore Terrace	Valley Park Drive	East Austin Avenue	3,338	74	Mill and Resurface	\$133,600
Park Place	Hurlburt Court	Broadway Street	1,422	75	Mill and Resurface	\$56,900
Construction Cost FY2020:						\$888,800
Construction Cost with Inflation FY2032:						\$1,031,700
2033						
Technology Way	Winchester Road	South End	7,184	71	Mill and Resurface	\$287,360
Lake Street	125 FT E of Stonegate	West Street	4,640	74	Mill and Resurface	\$185,600
Garfield Avenue	Austin Avenue	Golf Road	13,474	73	Mill and Resurface	\$539,000
Garfield Avenue	Green Tree Parkway	South End	2,488	73	Mill and Resurface	\$99,600
Construction Cost FY2020:						\$1,111,560
Construction Cost with Inflation FY2033:						\$1,306,460
2034						
Ashbury Lane	Park Avenue	Ashbury Lane	13,074	73	Mill and Resurface	\$523,000
Tracy Lane	Tamarack Lane	North End	2,016	74	Mill and Resurface	\$80,700
Harris Road	Peterson Road	505 FT N of Commerce	5,740	73	Mill and Resurface	\$229,600
Construction Cost FY2020:						\$833,300
Construction Cost with Inflation FY2034:						\$991,600

**Programmed Improvements
Village of Libertyville Roadway Inventory - 2019
Cost Summary Report - By Year (Amended)**

Street Name	From	To	Area (SY)	PCR	Maintenance Scheduled	Value
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2035

Mallory Drive	Midlothian Road	East End	6,176	72	Mill and Resurface	\$247,100
Valley Park Drive	157 FT W of Ardmore	7th Avenue	6,555	74	Mill and Resurface	\$262,200
Kelley Court	Northwind Boulevard	East End	3,379	74	Mill and Resurface	\$135,200
Northwind Boulevard	Lake Street	Peterson Road	6,623	75	Mill and Resurface	\$265,000
Construction Cost FY2020:						\$909,500
Construction Cost with Inflation FY2035:						\$1,095,800

2036

Commerce Drive	Midlothian Road	Harris Road	4,836	75	Mill and Resurface	\$193,500
Garfield Avenue	S End of Curve	Austin Avenue	5,053	75	Mill and Resurface	\$202,200
Garfield Avenue	Golf Road	Green Tree Pakway	9,357	75	Mill and Resurface	\$374,300
Tamarack Court	Tamarack Lane	South End	570	75	Mill and Resurface	\$22,800
Sherborne Court	Winchester Road	East End	2,744	76	Mill and Resurface	\$109,800
Construction Cost FY2020:						\$902,600
Construction Cost with Inflation FY2036:						\$1,101,100

2037

Parliament Court	West End	South End	3,109	75	Mill and Resurface	\$124,400
Second Street	Park Avenue	Broadway Street	2,520	75	Mill and Resurface	\$100,800
Second Street	North Avenue	Oak Spring Rd	1,563	75	Mill and Resurface	\$62,600
Buckingham Place	East Rockland Road	East Lincoln Avenue	1,382	76	Mill and Resurface	\$55,300
First Street	East Park Avenue	Broadway Street	2,272	76	Mill and Resurface	\$90,900
Hampton Terrace	Rockland Road	Lincoln Avenue	1,555	76	Mill and Resurface	\$62,200
Hampton Terrace	Glendale Road	Rockland Road	1,865	76	Mill and Resurface	\$74,600
Golf Road, East	Cambridge Drive	Fourth Avenue	3,246	76	Mill and Resurface	\$129,900
Burridge Court	Dymond Road	East End	1,867	79	Mill and Resurface	\$74,700
Harris Road	North End	Peterson Road	1,086	79	Mill and Resurface	\$43,500
Construction Cost FY2020:						\$818,900
Construction Cost with Inflation FY2037:						\$1,011,500

2038

Industrial Drive	Peterson Rd	Cul-De-Sac	9,063	77	Mill and Resurface	\$362,600
Maywood Court	Riva Ridge Drive	West End	894	77	Mill and Resurface	\$35,800
Pembroke Road	Warwick Lane	Dawes Street	1,677	77	Mill and Resurface	\$67,100
Apple Tree Lane	Red Top Drive	South End	1,448	80	Pavement Patching	\$36,200
Pimlico Parkway	Red Top Drive	South End	1,761	80	Pavement Patching	\$44,100
Flamingo Parkway	Red Top Drive	North End	1,185	82	Pavement Patching	\$29,700
Artaius Parkway	Milwaukee Avenue	Milwaukee Avenue	8,576	79	Mill and Resurface	\$343,100

Programmed Improvements
Village of Libertyville Roadway Inventory - 2019
Cost Summary Report - By Year (Amended)

Street Name	From	To	Area (SY)	PCR	Maintenance Scheduled	Value	
						Construction Cost FY2020:	\$918,600
						Construction Cost with Inflation FY2038:	\$1,148,800
2039							
Spruce Court	Greentree Parkway	South End	437	77	Mill and Resurface	\$17,500	
Enterprise Court	North End	Tempel Drive	2,488	78	Mill and Resurface	\$99,600	
Orchard Circle	West End	Sandstone Drive	818	78	Mill and Resurface	\$32,800	
Tamarack Circle	Tamarack Lane	Tamarack Lane	430	78	Mill and Resurface	\$17,200	
Hollister Drive	Milwaukee Avenue	Milwaukee Avenue	9,471	79	Mill and Resurface	\$378,900	
Hurlburt Court	Milwaukee Avenue	285 FT East	824	79	Mill and Resurface	\$33,000	
Hurlburt Court	285 FT East	Park Place	645	79	Mill and Resurface	\$25,800	
Park Place	Park Avenue	Hurlburt Court	1,102	79	Mill and Resurface	\$44,100	
Shell Drive	Lake Street	Northwind Boulevard	2,785	80	Pavement Patching	\$69,700	
Gracewood Drive	West End	Dymond Road	1,347	81	Pavement Patching	\$33,700	
Industrial Drive	Cul-De-Sac	North End	2,473	81	Pavement Patching	\$61,900	
						Construction Cost FY2020:	\$814,200
						Construction Cost with Inflation FY2039:	\$1,031,000

Section 7: Scheduled Roadway Improvements



Scheduled Roadway Improvements Village of Libertyville

FY 2020 Road Maintenance Program

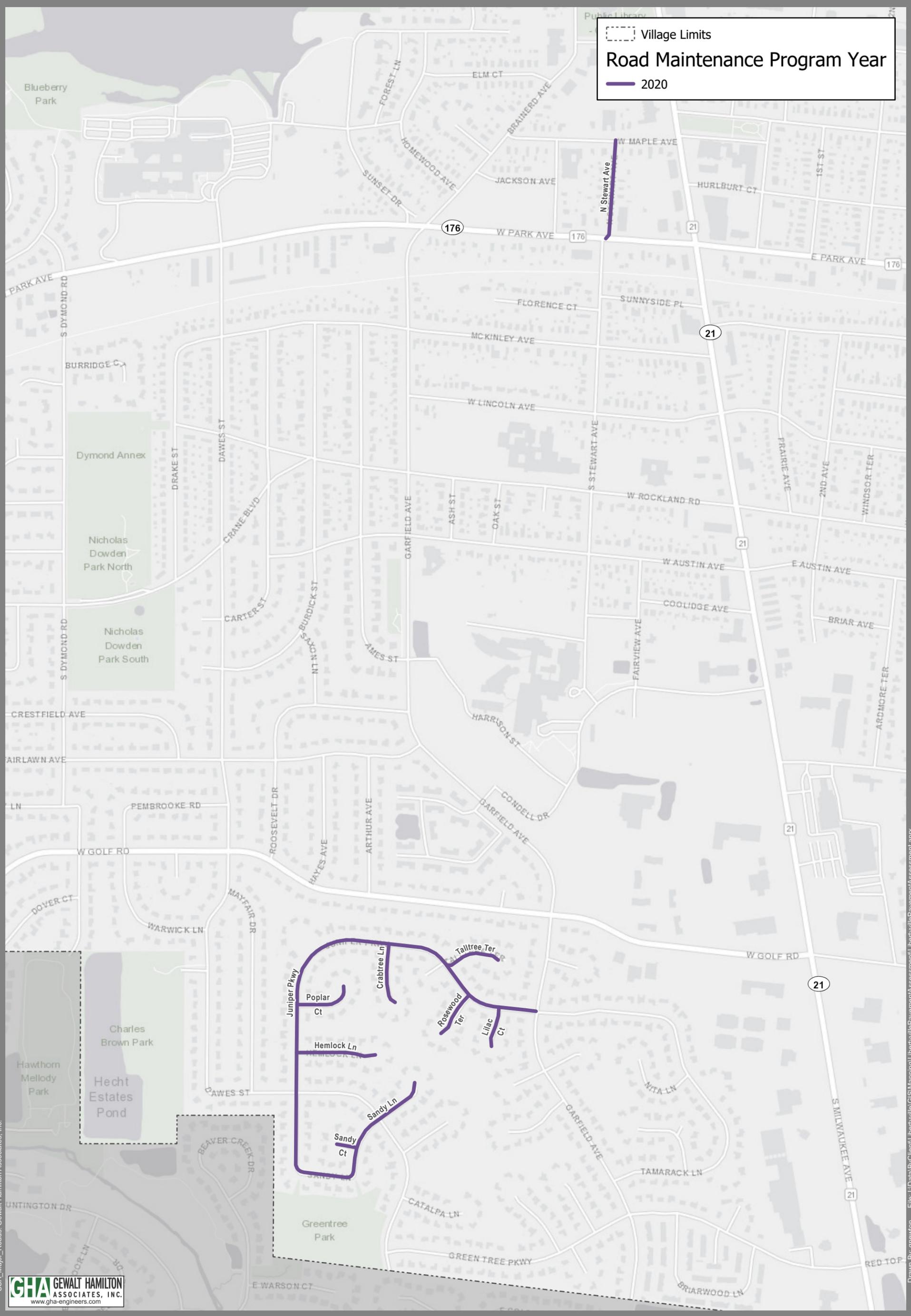
Street	From	To	Area (SY)	PCR	Scheduled Improvement	2020 EOPC*
Juniper Parkway	Sandy Lane	Garfield Avenue	9,319	69	Mill and Resurface (Heavy Patching)	\$466,000
Sandy Lane	Juniper Parkway	Dawes Street	2,407	70	Mill and Resurface	\$96,300
Sandy Lane	Dawes Street	East End	1,369	71	Mill and Resurface	\$54,800
Sandy Court	Sandy Lane	North End	656	64	Mill and Resurface (Heavy Patching)	\$32,800
Lilac Court	Juniper Parkway	South End	1,160	81	Pavement Patching	\$29,000
Rosewood Terrace	Juniper Parkway	South End	1,243	80	Pavement Patching	\$31,100
Tall Tree Terrace	Juniper Parkway	North End	1,326	77	Mill and Resurface	\$53,100
Crabtree Lane	Juniper Parkway	South End	1,584	71	Mill and Resurface	\$63,400
Poplar Court	Juniper Parkway	East End	1,494	80	Pavement Patching	\$37,400
Hemlock Lane	Juniper Parkway	East End	1,924	78	Mill and Resurface	\$77,000
Stewart Avenue, North	Maple Avenue, W.	Park Avenue	1,836	60	Mill and Resurface (Heavy Patching)	\$91,800

Construction Cost FY 2020:	\$1,032,700
3% Inflation/YR:	\$0
Construction Cost with Inflation FY 2020:	\$1,032,700
Contingency (10%):	\$103,300
Engineering (8%):	\$82,700
Budget Total FY 2020:	\$1,218,700

- Street Segments FY 2020 were provided by the Village of Libertyville.

*ALL COSTS ARE ROUNDED UP TO THE NEAREST \$100

Village Limits
Road Maintenance Program Year
— 2020



USA_Major_Roads: Gewalt Hamilton Associates, Inc.



1 inch = 600 Feet

Amended Road Maintenance Program Year - 2020

Village of Libertyville, Illinois

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Scheduled Roadway Improvements Village of Libertyville

FY 2021 Road Maintenance Program (Amended)

Street	From	To	Area (SY)	PCR	Scheduled Improvement	2020 EOPC*
Carter Street	Austin Avenue	West End	2,618	58	Mill and Resurface (Heavy Patching)	\$130,900
Stevenson Drive	Lothair Drive	East End	1,829	58	Mill and Resurface (Heavy Patching)	\$91,500
Crane Boulevard	West End	Butterfield Road	2,795	62	Mill and Resurface (Heavy Patching)	\$139,800
Victory Drive	West End	Butterfield Road	2,929	69	Mill and Resurface (Heavy Patching)	\$146,500
Stevenson Circle	Stevenson Drive	Stevenson Drive	524	81	Pavement Patching	\$13,100
Carter Street	McKinley Avenue	Rockland Road	2,168	63	Mill and Resurface (Heavy Patching)	\$108,400
Pine Tree Lane	Butterfield Road	East End	3,138	61	Mill and Resurface (Heavy Patching)	\$156,900
Nordic Court	Crane Boulevard	Crane Boulevard	5,099	62	Mill and Resurface (Heavy Patching)	\$255,000
<hr/>						
Construction Cost FY 2020:						\$1,042,100
3% Inflation/YR:						\$31,300
Construction Cost with Inflation FY 2021:						\$1,073,400
Contingency (10%):						\$107,400
Engineering (8%):						\$85,900
<hr/> <hr/>						
Budget Total FY 2021:						\$1,266,700

*ALL COSTS ARE ROUNDED UP TO THE NEAREST \$100

 Village Limits
Road Maintenance Program Year
 2021

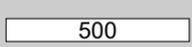


USA_Major_Roads_Gewalt Hamilton Associates, Inc.



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1 inch =  500 Feet

Amended Road Maintenance Program Year - 2021

Village of Libertyville, Illinois

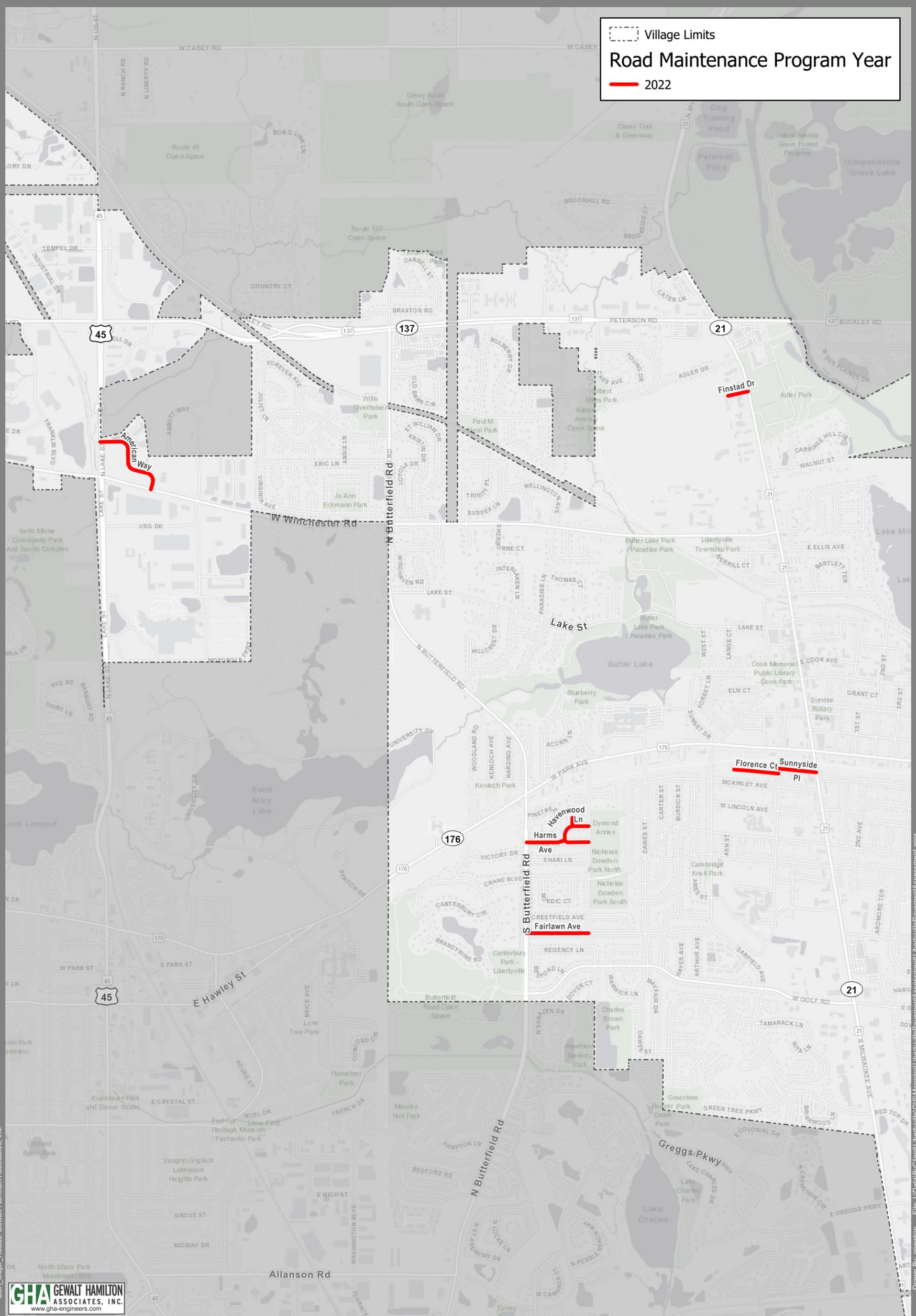
Scheduled Roadway Improvements Village of Libertyville

FY 2022 Road Maintenance Program (Amended)

Street	From	To	Area (SY)	PCR	Scheduled Improvement	2020 EOPC*
American Way Drive	Lake Street	Winchester Road	6,364	55	Mill and Resurface (Heavy Patching)	\$318,200
Fairlawn Avenue	Butterfield Road	Dymond Road	3,458	63	Mill and Resurface (Heavy Patching)	\$172,900
Finstad Drive	West End	Milwaukee Avenue	1,020	64	Mill and Resurface (Heavy Patching)	\$51,000
Sunnyside Place	Stewart Avenue	Milwaukee Avenue	1,524	60	Mill and Resurface (Heavy Patching)	\$76,200
Harms Avenue	Butterfield Road	Havenwood Drive	1,704	62	Mill and Resurface (Heavy Patching)	\$85,200
Florence Court	West End	Stewart Avenue	1,640	69	Mill and Resurface (Heavy Patching)	\$82,000
Havenwood Drive	Harms Avenue	Dymond Road	1,787	68	Mill and Resurface (Heavy Patching)	\$89,400
Havenwood Court	North End	Havenwood Drive	818	72	Mill and Resurface	\$32,800
Harms Avenue	Havenwood Drive	Dymond Road	1,878	74	Mill and Resurface	\$75,200
<hr/>						
Construction Cost FY 2020:						\$982,900
3% Inflation/YR:						\$59,900
Construction Cost with Inflation FY 2022:						\$1,042,800
Contingency (10%):						\$104,300
Engineering (8%):						\$83,500
<hr/> <hr/>						
Budget Total FY 2022:						\$1,230,600

*ALL COSTS ARE ROUNDED UP TO THE NEAREST \$100

 Village Limits
Road Maintenance Program Year
 2022



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1 inch = 1,700 Feet

Amended Road Maintenance Program Year - 2022

Village of Libertyville, Illinois

Scheduled Roadway Improvements Village of Libertyville

FY 2023 Road Maintenance Program (Amended)

Street	From	To	Area (SY)	PCR	Scheduled Improvement	2020 EOPC*
Ash Street	Rockland Road	Austin Avenue	1,032	63	Mill and Resurface (Heavy Patching)	\$51,600
Oak Street	Rockland Road	Austin Avenue	1,072	66	Mill and Resurface (Heavy Patching)	\$53,600
Circle Drive	Rockland Road	South End	439	64	Mill and Resurface (Heavy Patching)	\$22,000
Commerce Drive	Franklin Boulevard	Harris Road	6,848	58	Mill and Resurface (Heavy Patching)	\$342,400
Broadway Street	Milwaukee Avenue	Fourth Street	7,104	60	Mill and Resurface (Heavy Patching)	\$355,200
Briarwood Lane	Greentree Parkway	Greentree Parkway	3,376	64	Mill and Resurface (Heavy Patching)	\$168,800
<hr/>						
Construction Cost FY 2020:						\$993,600
1.25% Inflation/YR:						\$37,800
Construction Cost with Inflation FY 2023:						\$1,031,400
Contingency (10%):						\$103,200
Engineering (8%):						\$82,600
<hr/> <hr/>						
Budget Total FY 2023:						\$1,217,200

*ALL COSTS ARE ROUNDED UP TO THE NEAREST \$100

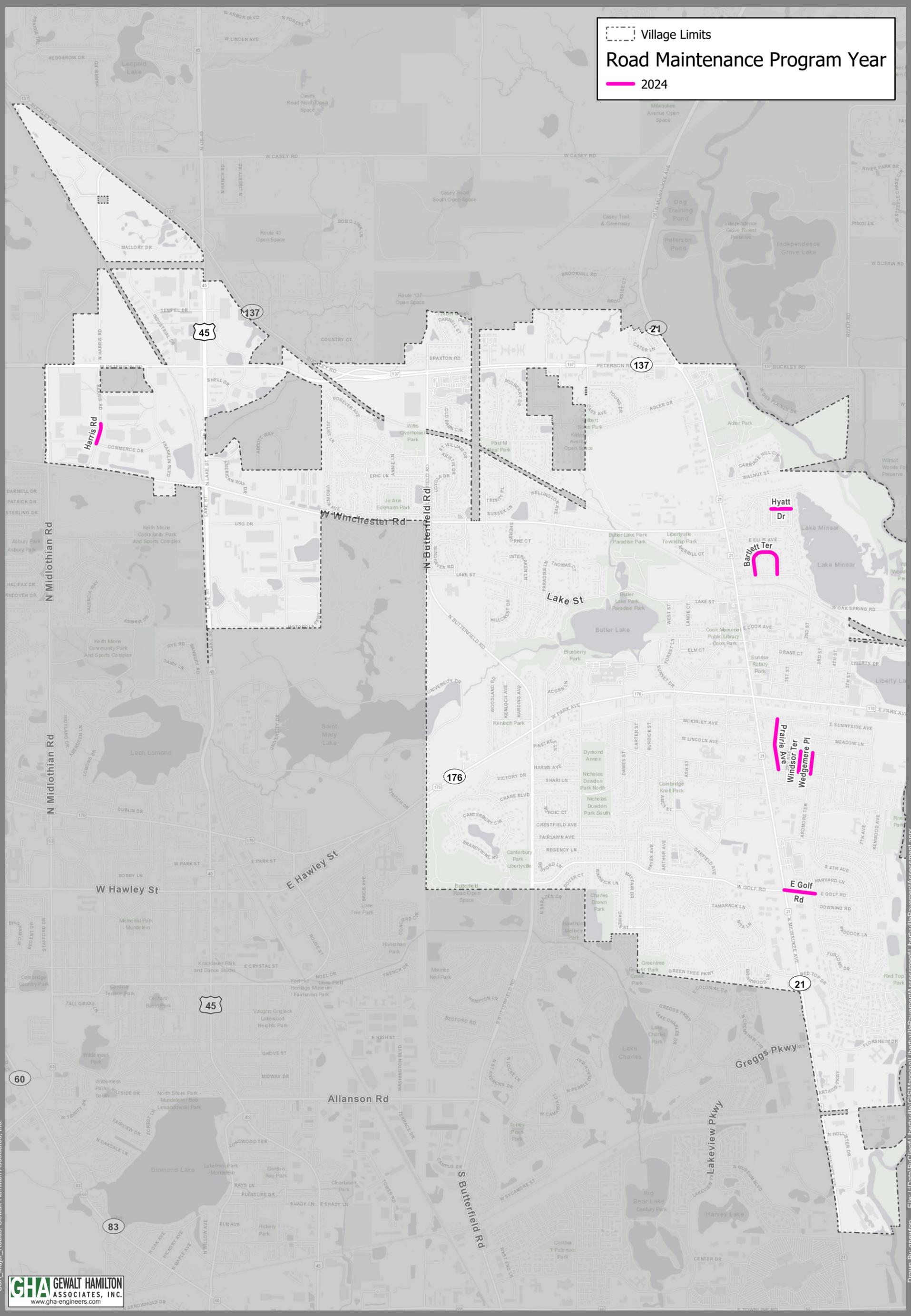
Scheduled Roadway Improvements Village of Libertyville

FY 2024 Road Maintenance Program (Amended)

Street	From	To	Area (SY)	PCR	Scheduled Improvement	2020 EOPC*
Prairie Avenue	Lincoln Avenue	Sunnyside Avenue	1,627	64	Mill and Resurface (Heavy Patching)	\$81,400
Prairie Avenue	Rockland Road	Lincoln Avenue	1,912	69	Mill and Resurface (Heavy Patching)	\$95,600
Wedgemere Place	Rockland Road	Lincoln Avenue	1,304	65	Mill and Resurface (Heavy Patching)	\$65,200
Windsor Terrace	Rockland Road	Lincoln Avenue	1,351	69	Mill and Resurface (Heavy Patching)	\$67,600
Bartlett Terrace	Appley Avenue	Appley Avenue	6,195	65	Mill and Resurface (Heavy Patching)	\$309,800
Hyatt Drive	Avalon Lane	Sandstone Drive	1,393	67	Mill and Resurface (Heavy Patching)	\$69,700
Golf Road, East	Milwaukee Avenue	Cambridge Drive	2,747	67	Mill and Resurface (Heavy Patching)	\$137,400
Harris Road	505 FT N of Commerce	Commerce Drive	2,020	65	Mill and Resurface (Heavy Patching)	\$101,000
<hr/>						
Construction Cost FY 2020:						\$927,700
1.25% Inflation/YR:						\$47,300
Construction Cost with Inflation FY 2024:						\$975,000
Contingency (10%):						\$97,500
Engineering (8%):						\$78,000
<hr/> <hr/>						
Budget Total FY 2024:						\$1,150,500

*ALL COSTS ARE ROUNDED UP TO THE NEAREST \$100

 Village Limits
Road Maintenance Program Year
 2024



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1 inch = 2,200 Feet

Amended Road Maintenance Program Year - 2024

Village of Libertyville, Illinois

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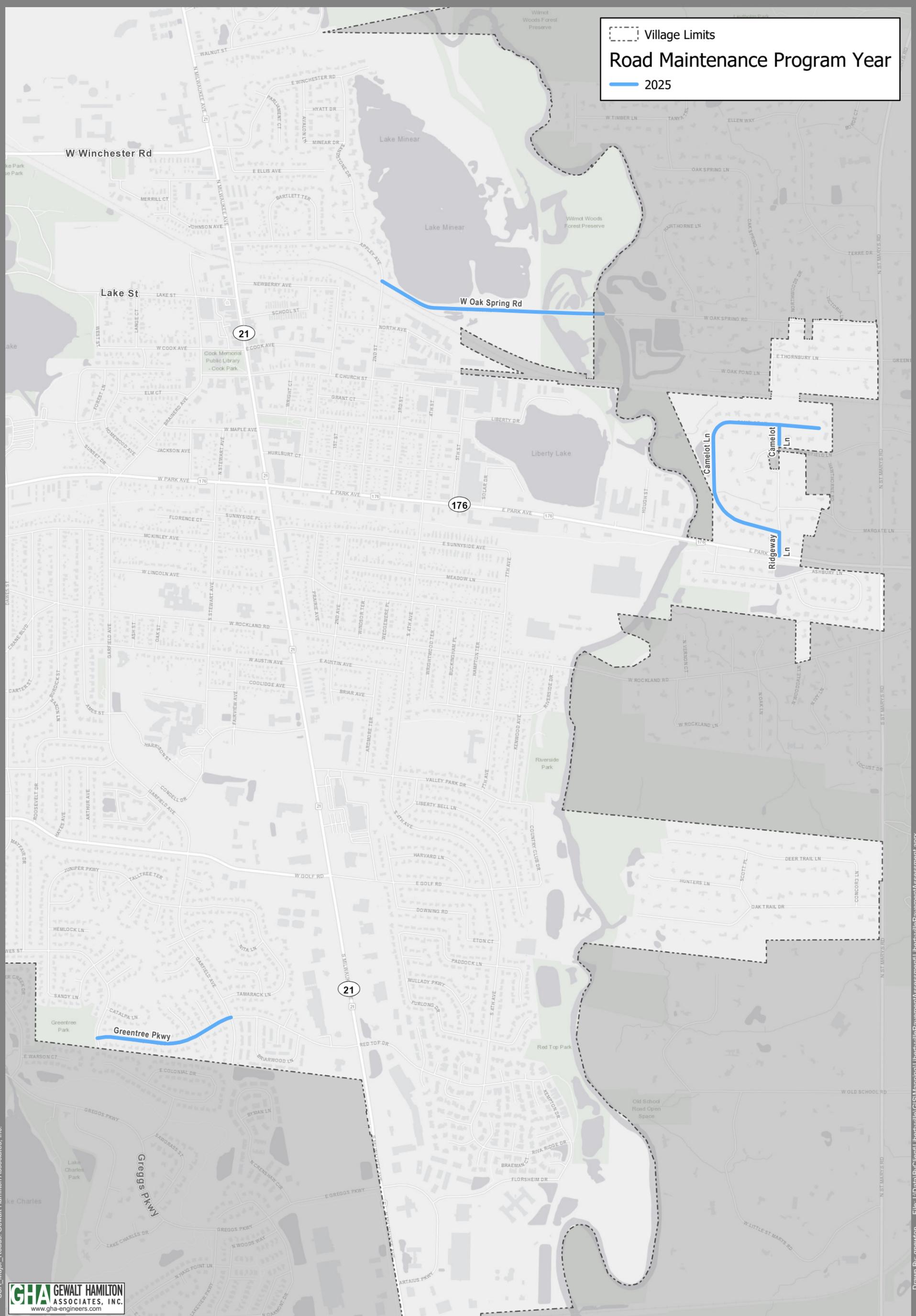
Scheduled Roadway Improvements Village of Libertyville

FY 2025 Road Maintenance Program (Amended)

Street	From	To	Area (SY)	PCR	Scheduled Improvement	2020 EOPC*
Ridgeway Lane	Park Avenue	Camelot Lane	726	64	Mill and Resurface (Heavy Patching)	\$36,300
Camelot Lane	Ridgeway Lane	North End	8,560	65	Mill and Resurface (Heavy Patching)	\$428,000
Oak Spring Road	Appley Avenue	W Bridge Abutment	5,362	65	Mill and Resurface (Heavy Patching)	\$268,100
Greentree Parkway	Dawes Street	Garfield Avenue	7,427	66	Mill and Resurface (Heavy Patching)	\$371,400
<hr/>						
Construction Cost FY 2020:						\$1,103,800
1.25% Inflation/YR:						\$70,800
Construction Cost with Inflation FY 2025:						\$1,174,600
Contingency (10%):						\$117,500
Engineering (8%):						\$94,000
<hr/> <hr/>						
Budget Total FY 2025:						\$1,386,100

*ALL COSTS ARE ROUNDED UP TO THE NEAREST \$100

 Village Limits
Road Maintenance Program Year
 2025



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1 inch = 1,100 Feet

Amended Road Maintenance Program Year - 2025

Village of Libertyville, Illinois

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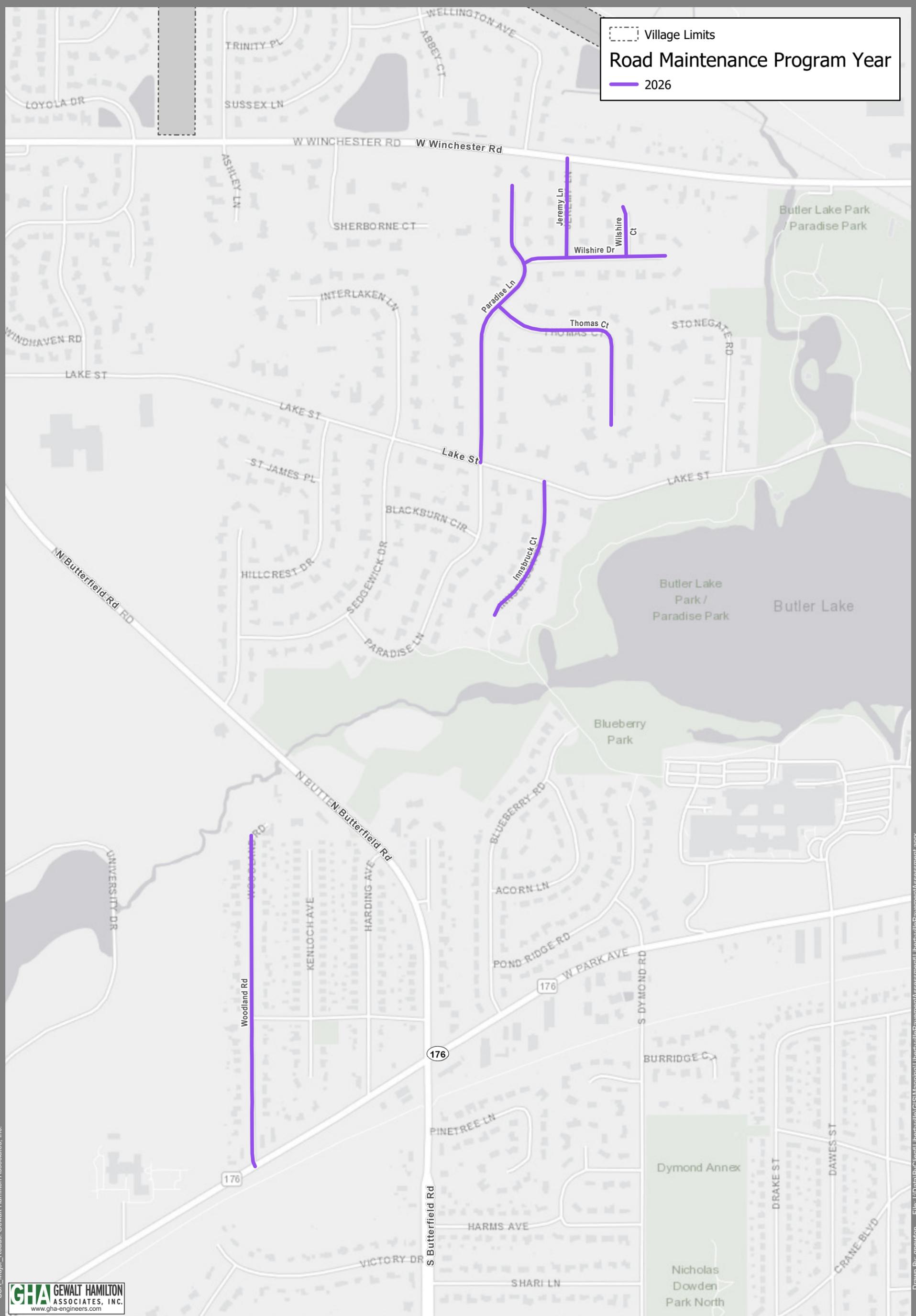
Scheduled Roadway Improvements Village of Libertyville

FY 2026 Road Maintenance Program (Amended)

Street	From	To	Area (SY)	PCR	Scheduled Improvement	2020 EOPC*
Wilshire Drive	Paradise Lane	East End	2,586	64	Mill and Resurface (Heavy Patching)	\$129,300
Paradise Lane	North End	Lake Street	5,163	67	Mill and Resurface (Heavy Patching)	\$258,200
Innsbruck Court	Lake Street	South End	1,912	67	Mill and Resurface (Heavy Patching)	\$95,600
Jeremy Lane	Winchester Road	Wilshire Drive	1,555	68	Mill and Resurface (Heavy Patching)	\$77,800
Wilshire Court	North End	Wilshire Drive	1,110	70	Mill and Resurface	\$44,400
Thomas Court	Paradise Lane	South End	3,638	76	Mill and Resurface	\$145,600
Woodland Road	North End	Park Avenue	5,354	67	Mill and Resurface (Heavy Patching)	\$267,700
<hr/>						
Construction Cost FY 2020:						\$1,018,600
1.25% Inflation/YR:						\$78,900
Construction Cost with Inflation FY 2026:						\$1,097,500
Contingency (10%):						\$109,800
Engineering (8%):						\$87,800
<hr/> <hr/>						
Budget Total FY 2026:						\$1,295,100

*ALL COSTS ARE ROUNDED UP TO THE NEAREST \$100

 Village Limits
Road Maintenance Program Year
 2026

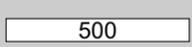


USA_Major_Roads: Gewalt Hamilton Associates, Inc.



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1 inch =  500 Feet

Amended Road Maintenance Program Year - 2026

Village of Libertyville, Illinois

Scheduled Roadway Improvements Village of Libertyville

FY 2027 Road Maintenance Program (Amended)

Street	From	To	Area (SY)	PCR	Scheduled Improvement	2020 EOPC*	
Brainerd Avenue	North End	Park Avenue	7,895	67	Mill and Resurface (Heavy Patching)	\$394,800	
Maple Avenue, West	Brainerd Avenue	Milwaukee Avenue	3,873	68	Mill and Resurface (Heavy Patching)	\$193,700	
Tamarack Lane	Garfield Avenue	Garfield Avenue	7,997	65	Mill and Resurface (Heavy Patching)	\$399,900	
						Construction Cost FY 2020:	\$988,400
						1.25% Inflation/YR:	\$89,800
						Construction Cost with Inflation FY 2027:	\$1,078,200
						Contingency (10%):	\$107,900
						Engineering (8%):	\$86,300
						Budget Total FY 2027:	\$1,272,400

*ALL COSTS ARE ROUNDED UP TO THE NEAREST \$100

Scheduled Roadway Improvements Village of Libertyville

FY 2028 Road Maintenance Program (Amended)

Street	From	To	Area (SY)	PCR	Scheduled Improvement	2020 EOPC*
Cedar Glen Drive	Cass Avenue	Adler Drive	4,666	66	Mill and Resurface (Heavy Patching)	\$233,300
Cass Court	Cass Avenue	East End	1,361	69	Mill and Resurface (Heavy Patching)	\$68,100
Cedar Glen Court	Cedar Glen Drive	East End	894	69	Mill and Resurface (Heavy Patching)	\$44,700
Cass Avenue	Buckley Road	South End	4,796	74	Mill and Resurface	\$191,900
Young Drive	Cedar Glen Drive	Adler Drive	2,645	78	Mill and Resurface	\$105,800
Adler Drive	West End	Cedar Glen Drive	3,309	82	Pavement Patching	\$82,800
Old Barn Circle	Butterfield Road	New Castle Drive	6,462	74	Mill and Resurface	\$258,500
<hr/>						
Construction Cost FY 2020						\$985,100
1.25% Inflation/YR:						\$103,000
Construction Cost with Inflation FY 2028:						\$1,088,100
Contingency (10%):						\$108,900
Engineering (8%):						\$87,100
<hr/> <hr/>						
Budget Total FY 2028:						\$1,284,100

*ALL COSTS ARE ROUNDED UP TO THE NEAREST \$100

 Village Limits
Road Maintenance Program Year
 2028



USA_Major_Roads: Gewalt Hamilton Associates, Inc.



1 inch =  600 Feet

Amended Road Maintenance Program Year - 2028

Village of Libertyville, Illinois

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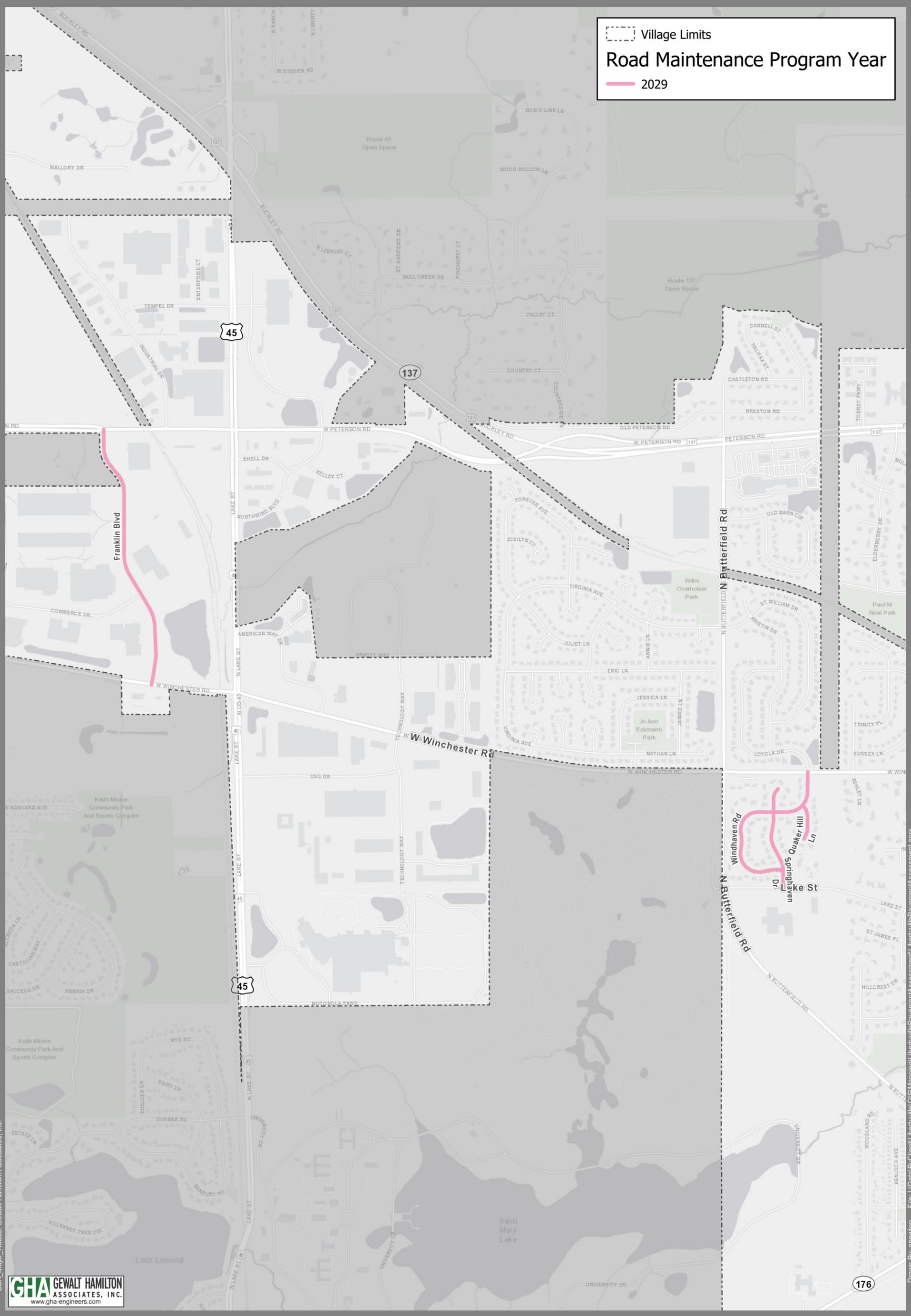
Scheduled Roadway Improvements Village of Libertyville

FY 2029 Road Maintenance Program (Amended)

Street	From	To	Area (SY)	PCR	Scheduled Improvement	2020 EOPC*
Franklin Boulevard	Peterson Road	Winchester Road	11,972	68	Mill and Resurface (Heavy Patching)	\$598,600
Springhaven Drive	North End	Lake Street	3,583	69	Mill and Resurface (Heavy Patching)	\$179,200
Quaker Hill Lane	Windhaven Road	South End	1,402	74	Mill and Resurface	\$56,100
Windhaven Road	Winchester Road	Lake Street	7,159	75	Mill and Resurface	\$286,400
<hr/>						
Construction Cost FY 2020:						\$1,120,300
1.25% Inflation/YR:						\$132,600
Construction Cost with Inflation FY 2029:						\$1,252,900
Contingency (10%):						\$125,300
Engineering (8%):						\$100,300
<hr/> <hr/>						
Budget Total FY 2029:						\$1,478,500

*ALL COSTS ARE ROUNDED UP TO THE NEAREST \$100

 Village Limits
Road Maintenance Program Year
 2029



USA_Major_Roads: Gewalt Hamilton Associates, Inc.



1 inch = 1,000 Feet

Amended Road Maintenance Program Year - 2029

Village of Libertyville, Illinois

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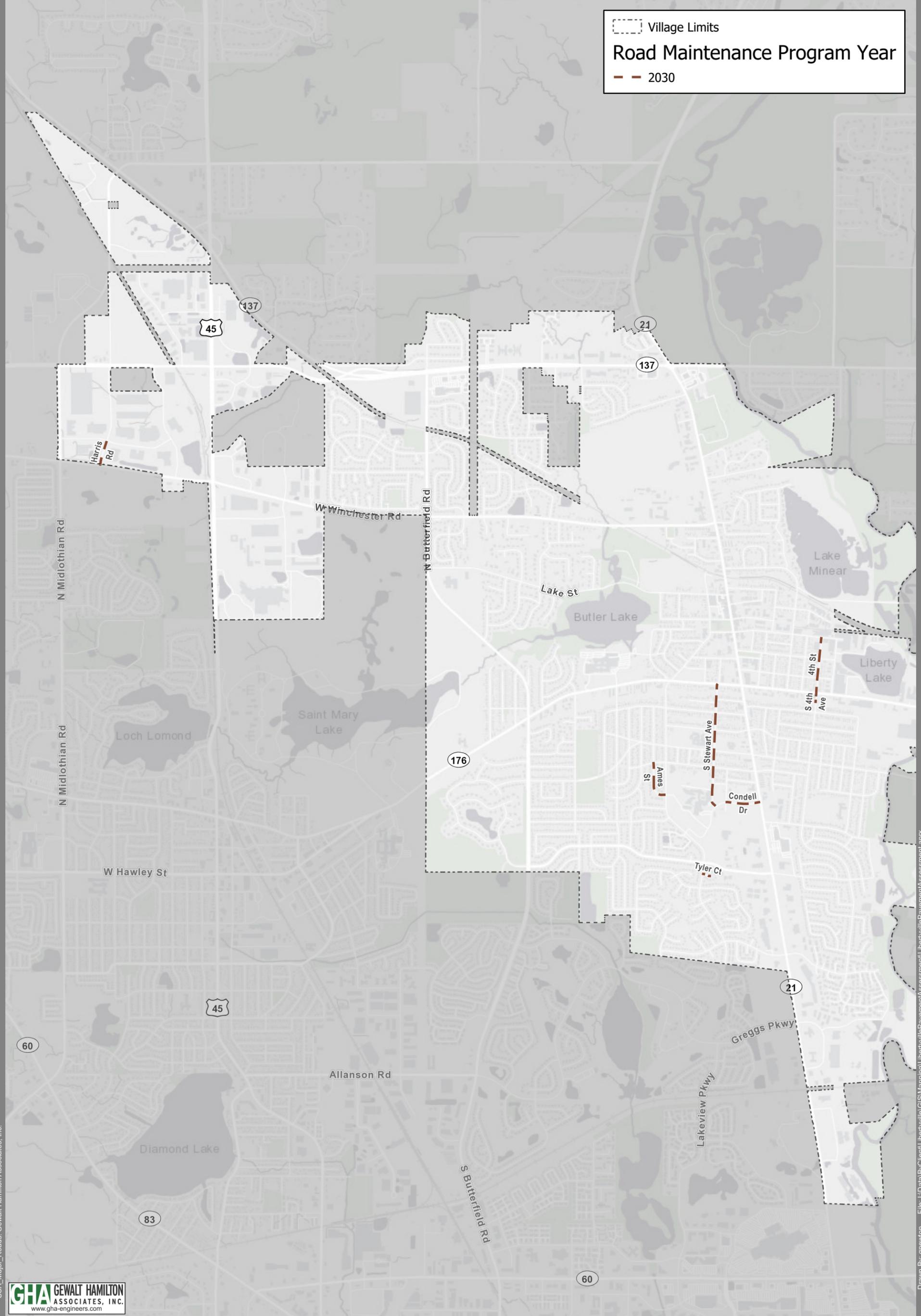
Scheduled Roadway Improvements Village of Libertyville

FY 2030 Road Maintenance Program (Amended)

Street	From	To	Area (SY)	PCR	Scheduled Improvement	2020 EOPC*
Tyler Court	Garfield Avenue	East End	1,027	69	Mill and Resurface (Heavy Patching)	\$51,400
Condell Drive	Milwaukee Avenue	Fairview Avenue	3,500	70	Mill and Resurface	\$140,000
Fourth Avenue	NS Trail/IDOT ROW	East Park Avenue	965	70	Mill and Resurface	\$38,600
Fourth Street	East Park Avenue	East Church Street	4,779	73	Mill and Resurface	\$191,200
Harris Road	Commerce Drive	Winchester Road	2,244	68	Mill and Resurface (Heavy Patching)	\$112,200
Ames Street	Austin Avenue	Garfield Avenue	3,296	73	Mill and Resurface	\$131,900
Stewart Avenue, South	Park Avenue	Condell Drive	7,038	70	Mill and Resurface	\$281,600
<hr/>						
Construction Cost FY 2020						\$946,900
1.25% Inflation/YR:						\$125,300
Construction Cost with Inflation FY 2030:						\$1,072,200
Contingency (10%):						\$107,300
Engineering (8%):						\$85,800
<hr/> <hr/>						
Budget Total FY 2030:						\$1,265,300

*ALL COSTS ARE ROUNDED UP TO THE NEAREST \$100

 Village Limits
Road Maintenance Program Year
 2030



USA_Major_Roads: Gewalt Hamilton Associates, Inc.



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1 inch =  2,300 Feet

Amended Road Maintenance Program Year - 2030

Village of Libertyville, Illinois

Scheduled Roadway Improvements Village of Libertyville

FY 2031 Road Maintenance Program (Amended)

Street	From	To	Area (SY)	PCR	Scheduled Improvement	2020 EOPC*
Church Street, East	Fourth Street	Fifth Street	5,165	70	Mill and Resurface	\$206,600
Hough Street	North End	Park Avenue	2,985	70	Mill and Resurface	\$119,400
Second Street	Broadway Street	Church Street	1,441	70	Mill and Resurface	\$57,700
Manor Circle	West End	Sandstone Drive	656	71	Mill and Resurface	\$26,300
Oak Spring Road	Northwoods Drive	St. Marys Road	2,709	71	Mill and Resurface	\$108,400
Maple Avenue, East	Milwaukee Avenue	Park Place	1,323	72	Mill and Resurface	\$53,000
Meadow Lane	Second Avenue	Fourth Avenue	2,352	72	Mill and Resurface	\$94,100
Mayfair Drive	Dawest Street	North to Pvmt Change	2,895	71	Mill and Resurface	\$115,800
Mayfair Drive	Dawes Street	South to Pvmt Change	1,539	71	Mill and Resurface	\$61,600
Gulfstream Parkway	Red Top Drive	North End	1,448	74	Mill and Resurface	\$58,000
<hr/>						
Construction Cost FY 2020						\$900,900
1.25% Inflation/YR:						\$132,000
Construction Cost with Inflation FY 2031:						\$1,032,900
Contingency (10%):						\$103,300
Engineering (8%):						\$82,700
<hr/> <hr/>						
Budget Total FY 2031:						\$1,218,900

*ALL COSTS ARE ROUNDED UP TO THE NEAREST \$100

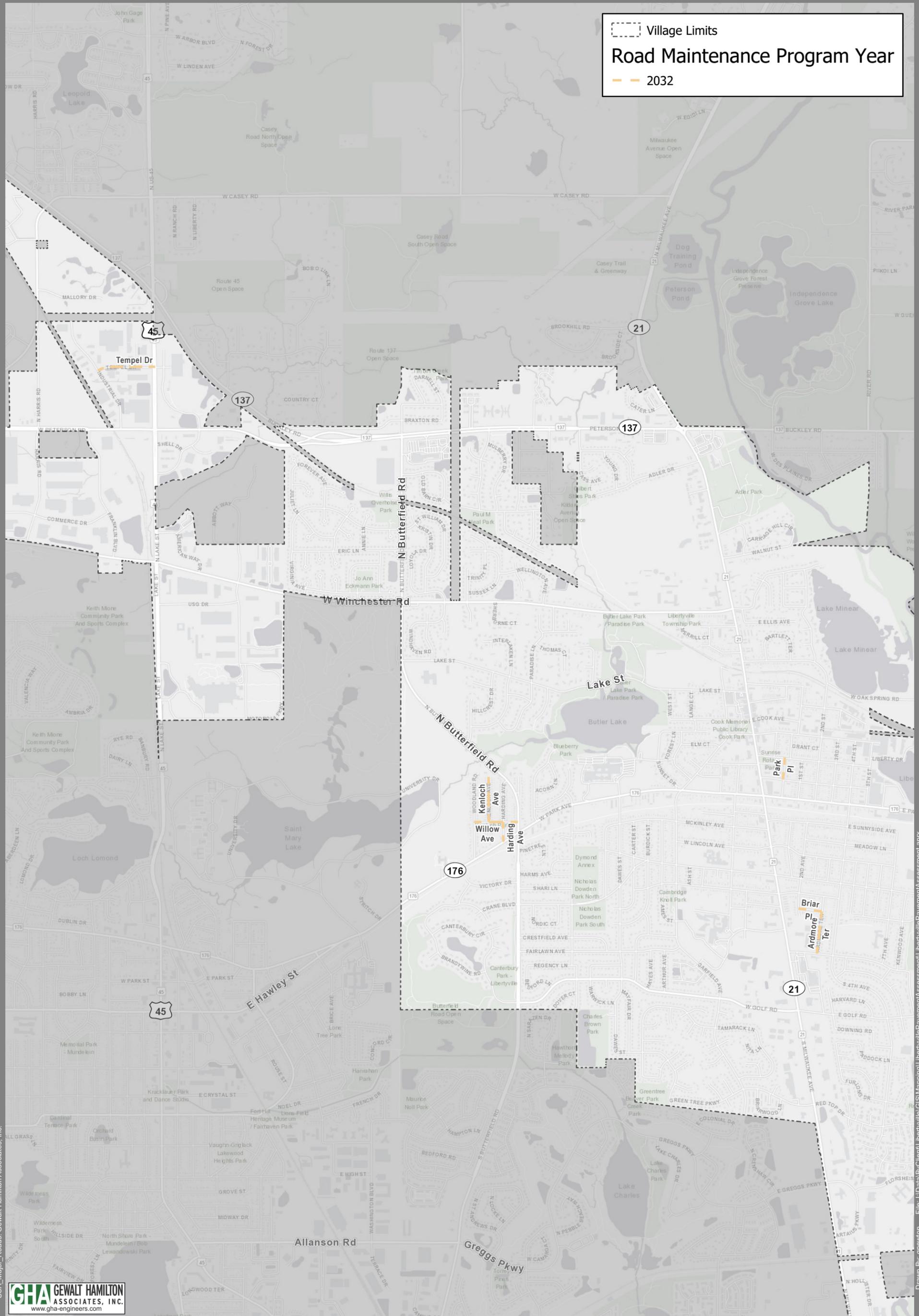
Scheduled Roadway Improvements Village of Libertyville

FY 2032 Road Maintenance Program (Amended)

Street	From	To	Area (SY)	PCR	Scheduled Improvement	2020 EOPC*
Willow Avenue	Woodland Road	Butterfield Road	2,760	70	Mill and Resurface	\$110,400
Harding Avenue	Butterfield Road	Park Avenue	3,970	73	Mill and Resurface	\$158,800
Kenloch Avenue	North End	South End	4,101	73	Mill and Resurface	\$164,100
Tempel Drive	Industrial Drive	Lake Street	5,330	70	Mill and Resurface	\$213,200
Briar Place	2nd Avenue	Ardmore Terrace	1,294	72	Mill and Resurface	\$51,800
Ardmore Terrace	Valley Park Drive	East Austin Avenue	3,338	74	Mill and Resurface	\$133,600
Park Place	Hurlburt Court	Broadway Street	1,422	75	Mill and Resurface	\$56,900
<hr/>						
Construction Cost FY 2020						\$888,800
1.25% Inflation/YR:						\$142,900
Construction Cost with Inflation FY 2032:						\$1,031,700
Contingency (10%):						\$103,200
Engineering (8%):						\$82,600
<hr/> <hr/>						
Budget Total FY 2032:						\$1,217,500

*ALL COSTS ARE ROUNDED UP TO THE NEAREST \$100

 Village Limits
Road Maintenance Program Year
 2032



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1 inch = 2,000 Feet

Amended Road Maintenance Program Year - 2032

Village of Libertyville, Illinois

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Scheduled Roadway Improvements Village of Libertyville

FY 2033 Road Maintenance Program (Amended)

Street	From	To	Area (SY)	PCR	Scheduled Improvement	2020 EOPC*	
Technology Way	Winchester Road	South End	7,184	71	Mill and Resurface	\$287,360	
Lake Street	125 FT E of Stonegate	West Street	4,640	74	Mill and Resurface	\$185,600	
Garfield Avenue	Austin Avenue	Golf Road	13,474	73	Mill and Resurface	\$539,000	
Garfield Avenue	Green Tree Parkway	South End	2,488	73	Mill and Resurface	\$99,600	
						Construction Cost FY 2020	\$1,111,560
						1.25% Inflation/YR:	\$194,900
						Construction Cost with Inflation FY 2033:	\$1,306,460
						Contingency (10%):	\$130,700
						Engineering (8%):	\$104,600
						Budget Total FY 2033:	\$1,541,760

*ALL COSTS ARE ROUNDED UP TO THE NEAREST \$100

Village Limits
Road Maintenance Program Year
— 2033



USA_Major_Roads_Gewalt_Hamilton_Associates, Inc.



1 inch = 1,400 Feet

Amended Road Maintenance Program Year - 2033

Village of Libertyville, Illinois

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Scheduled Roadway Improvements Village of Libertyville

FY 2034 Road Maintenance Program (Amended)

Street	From	To	Area (SY)	PCR	Scheduled Improvement	2020 EOPC*	
Ashbury Lane	Park Avenue	Ashbury Lane	13,074	73	Mill and Resurface	\$523,000	
Tracy Lane	Tamarack Lane	North End	2,016	74	Mill and Resurface	\$80,700	
Harris Road	Peterson Road	505 FT N of Commerce	5,740	73	Mill and Resurface	\$229,600	
						Construction Cost FY 2020	\$833,300
						1.25% Inflation/YR:	\$158,300
						Construction Cost with Inflation FY 2034:	\$991,600
						Contingency (10%):	\$99,200
						Engineering (8%):	\$79,400
						Budget Total FY 2034:	\$1,170,200

*ALL COSTS ARE ROUNDED UP TO THE NEAREST \$100

Scheduled Roadway Improvements Village of Libertyville

FY 2035 Road Maintenance Program (Amended)

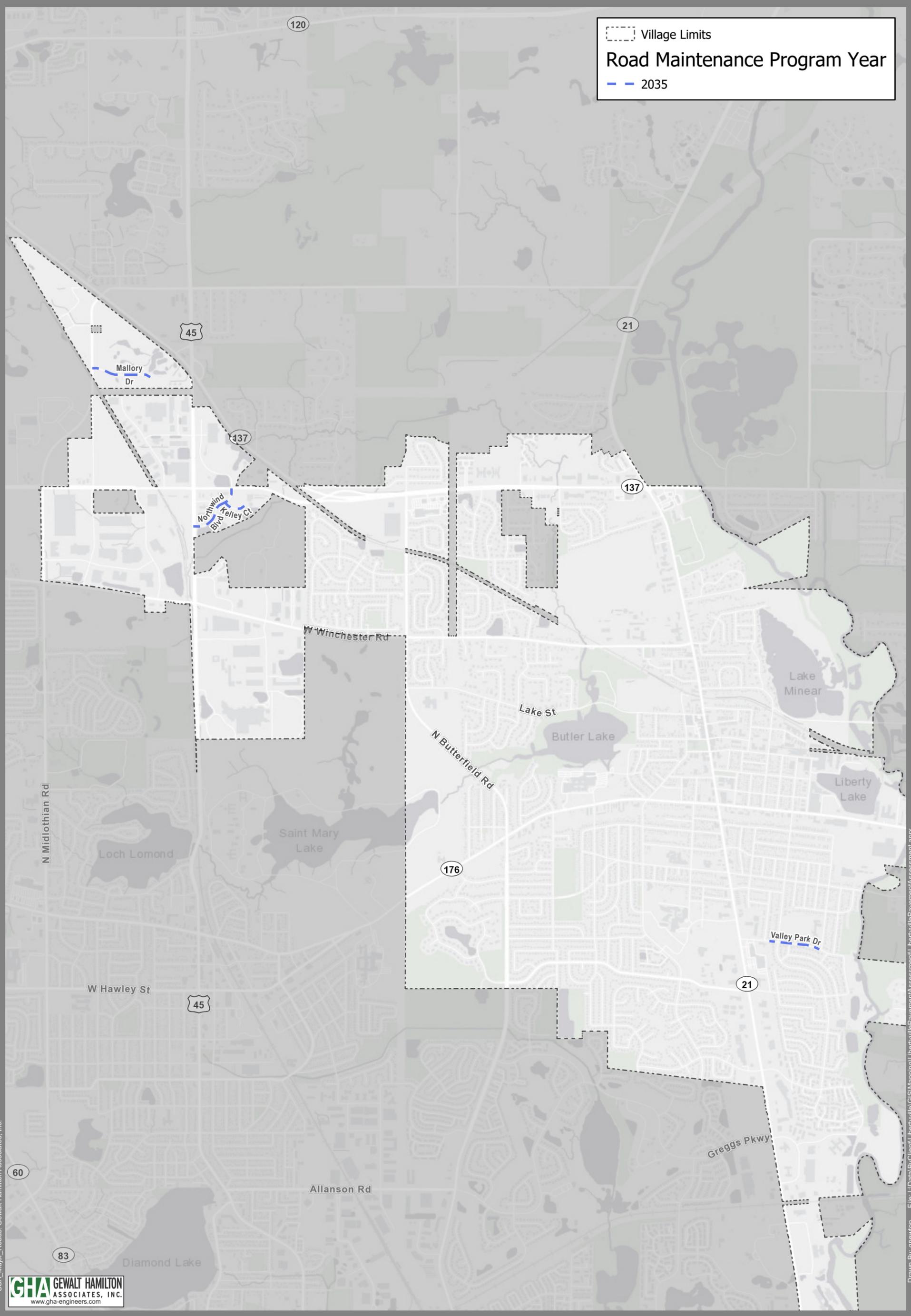
Street	From	To	Area (SY)	PCR	Scheduled Improvement	2020 EOPC*
Mallory Drive	Midlothian Road	East End	6,176	72	Mill and Resurface	\$247,100
Valley Park Drive	157 FT W of Ardmore	7th Avenue	6,555	74	Mill and Resurface	\$262,200
Kelley Court	Northwind Boulevard	East End	3,379	74	Mill and Resurface	\$135,200
Northwind Boulevard	Lake Street	Peterson Road	6,623	75	Mill and Resurface	\$265,000
<hr/>						
Construction Cost FY 2020						\$909,500
1.25% Inflation/YR:						\$186,300
Construction Cost with Inflation FY 2035:						\$1,095,800
Contingency (10%):						\$109,600
Engineering (8%):						\$87,700
<hr/> <hr/>						
Budget Total FY 2035:						\$1,293,100

*ALL COSTS ARE ROUNDED UP TO THE NEAREST \$100

Village Limits

Road Maintenance Program Year

— 2035



USA_Major_Roads_Gewalt Hamilton Associates, Inc.



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1 inch = 2,300 Feet

Amended Road Maintenance Program Year - 2035
Village of Libertyville, Illinois

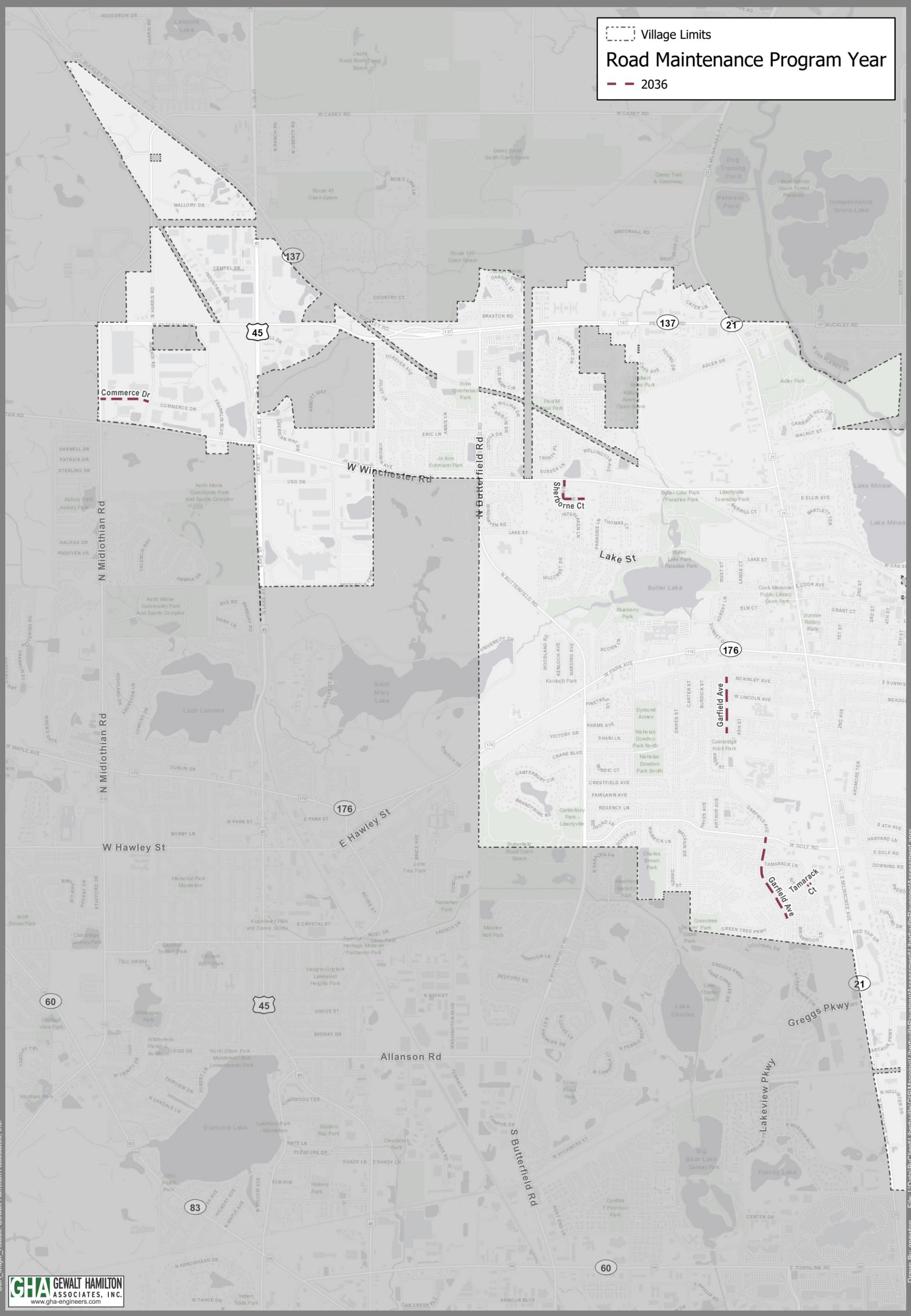
Scheduled Roadway Improvements Village of Libertyville

FY 2036 Road Maintenance Program (Amended)

Street	From	To	Area (SY)	PCR	Scheduled Improvement	2020 EOPC*
Commerce Drive	Midlothian Road	Harris Road	4,836	75	Mill and Resurface	\$193,500
Garfield Avenue	S End of Curve	Austin Avenue	5,053	75	Mill and Resurface	\$202,200
Garfield Avenue	Golf Road	Green Tree Pakway	9,357	75	Mill and Resurface	\$374,300
Tamarack Court	Tamarack Lane	South End	570	75	Mill and Resurface	\$22,800
Sherborne Court	Winchester Road	East End	2,744	76	Mill and Resurface	\$109,800
<hr/>						
Construction Cost FY 2020						\$902,600
1.25% Inflation/YR:						\$198,500
Construction Cost with Inflation FY 2036:						\$1,101,100
Contingency (10%):						\$110,200
Engineering (8%):						\$88,100
<hr/> <hr/>						
Budget Total FY 2036:						\$1,299,400

*ALL COSTS ARE ROUNDED UP TO THE NEAREST \$100

 Village Limits
Road Maintenance Program Year
 2036



USA_Major_Roads_Gewalt_Hamilton_Associates, Inc.



1 inch = 2,200 Feet

Amended Road Maintenance Program Year - 2036

Village of Libertyville, Illinois

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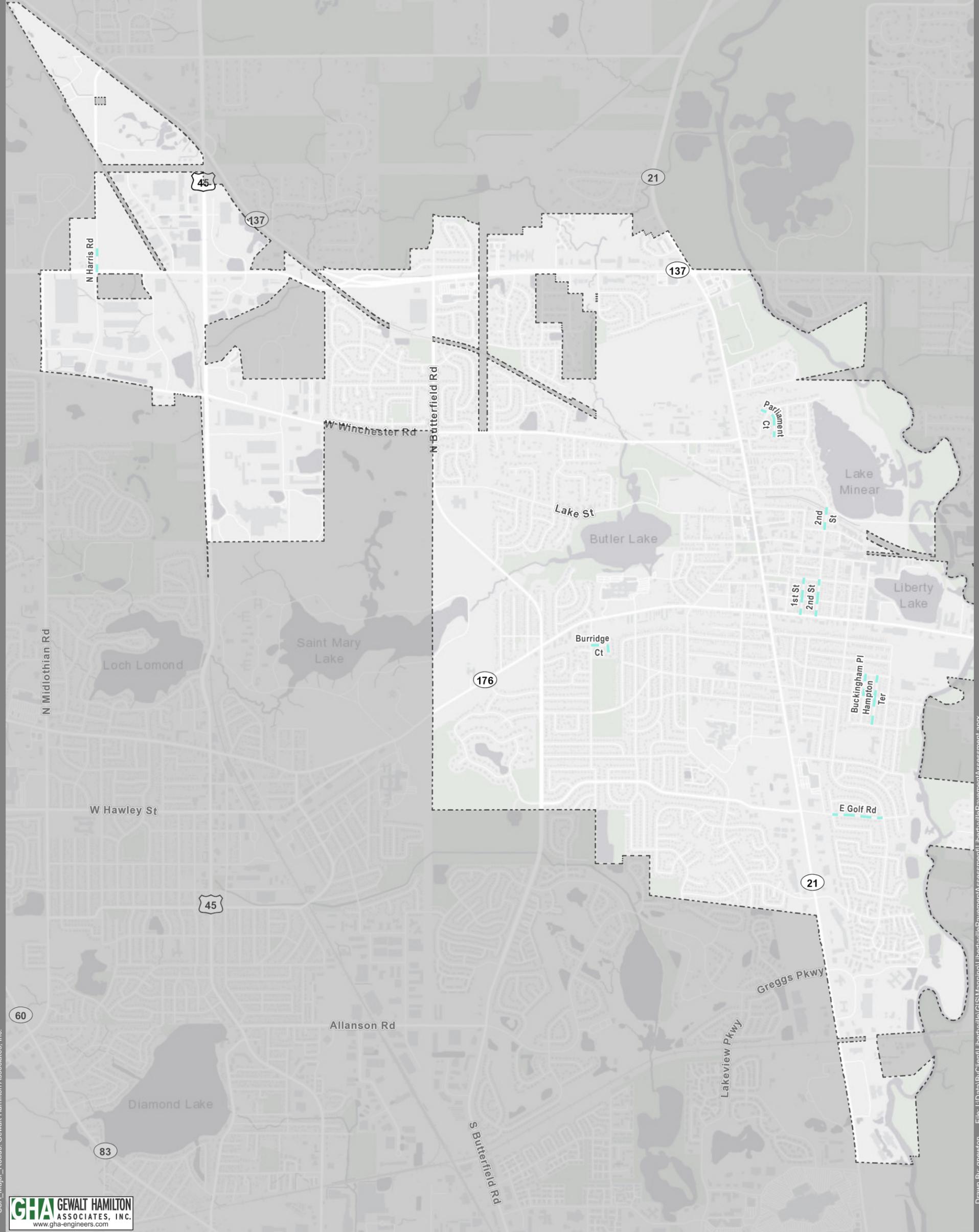
Scheduled Roadway Improvements Village of Libertyville

FY 2037 Road Maintenance Program (Amended)

Street	From	To	Area (SY)	PCR	Scheduled Improvement	2020 EOPC*
Parliament Court	West End	South End	3,109	75	Mill and Resurface	\$124,400
Second Street	Park Avenue	Broadway Street	2,520	75	Mill and Resurface	\$100,800
Second Street	North Avenue	Oak Spring Rd	1,563	75	Mill and Resurface	\$62,600
Buckingham Place	East Rockland Road	East Lincoln Avenue	1,382	76	Mill and Resurface	\$55,300
First Street	East Park Avenue	Broadway Street	2,272	76	Mill and Resurface	\$90,900
Hampton Terrace	Rockland Road	Lincoln Avenue	1,555	76	Mill and Resurface	\$62,200
Hampton Terrace	Glendale Road	Rockland Road	1,865	76	Mill and Resurface	\$74,600
Golf Road, East	Cambridge Drive	Fourth Avenue	3,246	76	Mill and Resurface	\$129,900
Burridge Court	Dymond Road	East End	1,867	79	Mill and Resurface	\$74,700
Harris Road	North End	Peterson Road	1,086	79	Mill and Resurface	\$43,500
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Construction Cost FY 2020						\$818,900
1.25% Inflation/YR:						\$192,600
Construction Cost with Inflation FY 2037:						\$1,011,500
Contingency (10%):						\$101,200
Engineering (8%):						\$81,000
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Budget Total FY 2037:						\$1,193,700

*ALL COSTS ARE ROUNDED UP TO THE NEAREST \$100

 Village Limits
Road Maintenance Program Year
 2037

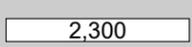


USA_Major_Roads: Gewalt Hamilton Associates, Inc.



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1 inch =  2,300 Feet

Amended Road Maintenance Program Year - 2037

Village of Libertyville, Illinois

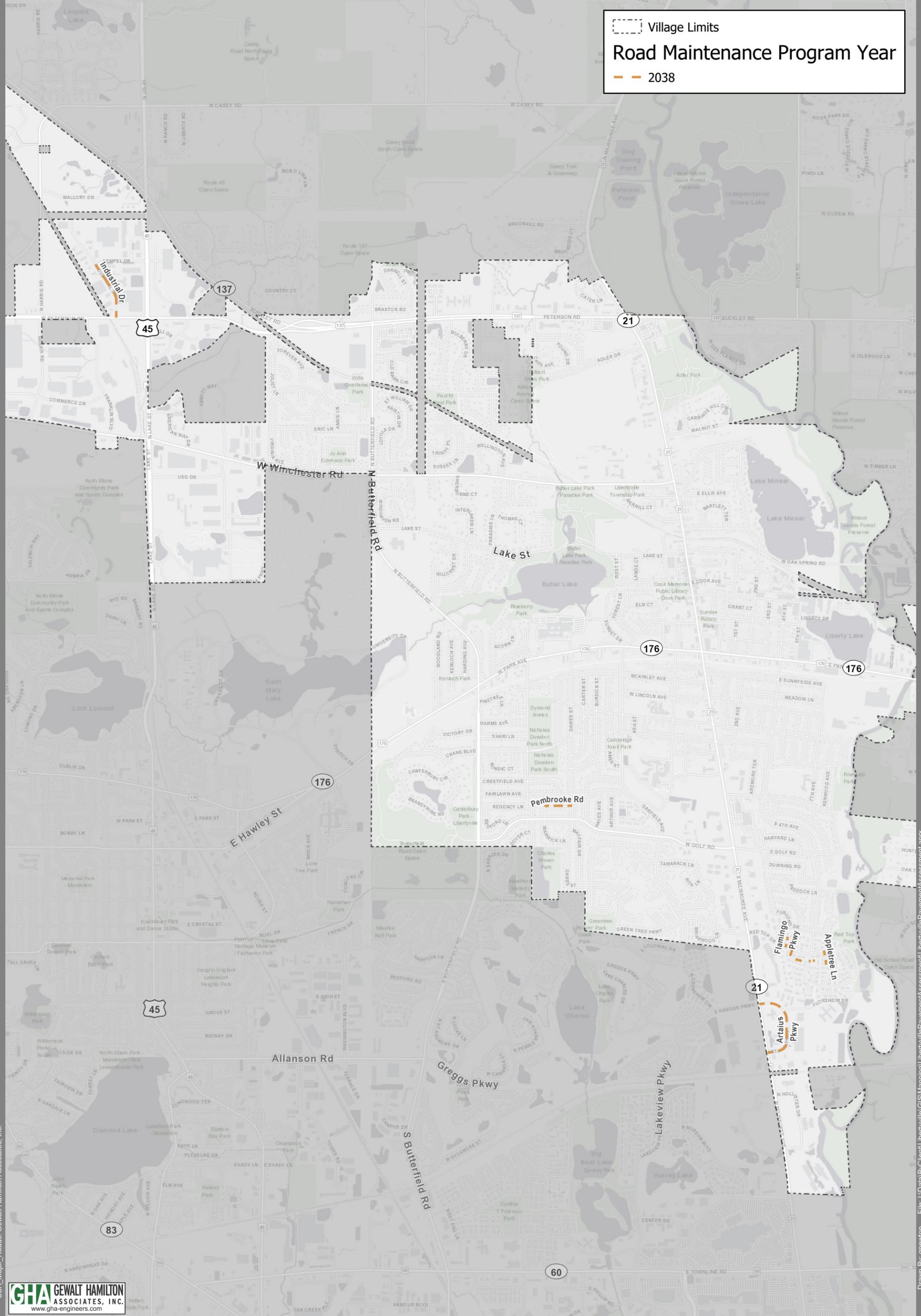
Scheduled Roadway Improvements Village of Libertyville

FY 2038 Road Maintenance Program (Amended)

Street	From	To	Area (SY)	PCR	Scheduled Improvement	2020 EOPC*
Industrial Drive	Peterson Rd	Cul-De-Sac	9,063	77	Mill and Resurface	\$362,600
Maywood Court	Riva Ridge Drive	West End	894	77	Mill and Resurface	\$35,800
Pembroke Road	Warwick Lane	Dawes Street	1,677	77	Mill and Resurface	\$67,100
Apple Tree Lane	Red Top Drive	South End	1,448	80	Pavement Patching	\$36,200
Pimlico Parkway	Red Top Drive	South End	1,761	80	Pavement Patching	\$44,100
Flamingo Parkway	Red Top Drive	North End	1,185	82	Pavement Patching	\$29,700
Artaius Parkway	Milwaukee Avenue	Milwaukee Avenue	8,576	79	Mill and Resurface	\$343,100
<hr/>						
Construction Cost FY 2020						\$918,600
1.25% Inflation/YR:						\$230,200
Construction Cost with Inflation FY 2038:						\$1,148,800
Contingency (10%):						\$114,900
Engineering (8%):						\$92,000
<hr/> <hr/>						
Budget Total FY 2038:						\$1,355,700

*ALL COSTS ARE ROUNDED UP TO THE NEAREST \$100

Village Limits
Road Maintenance Program Year
 2038



USA_Major_Roads: Gewalt Hamilton Associates, Inc.



1 inch = 2,200 Feet

Amended Road Maintenance Program Year - 2038

Village of Libertyville, Illinois

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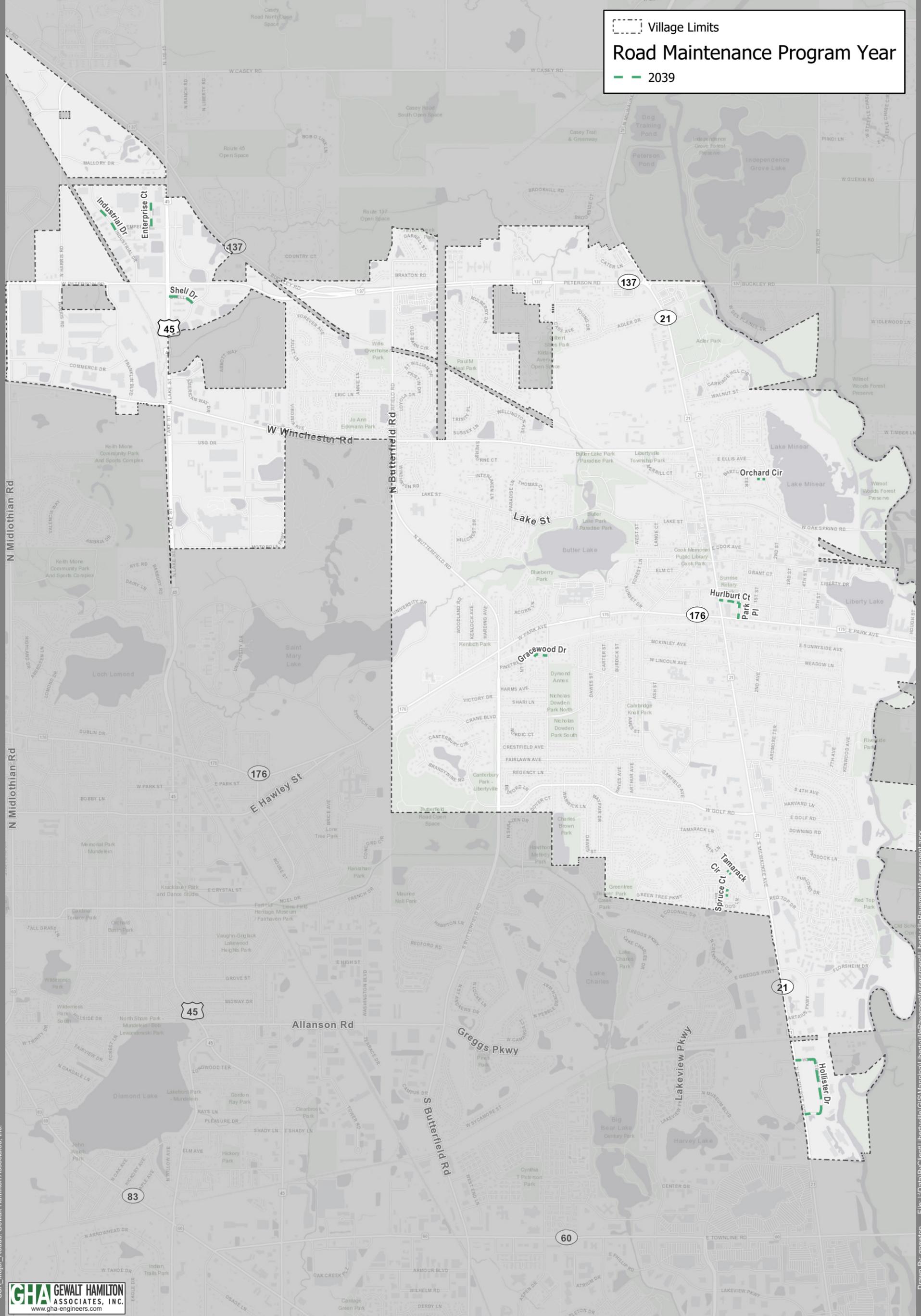
Scheduled Roadway Improvements Village of Libertyville

FY 2039 Road Maintenance Program (Amended)

Street	From	To	Area (SY)	PCR	Scheduled Improvement	2020 EOPC*
Spruce Court	Greentree Parkway	South End	437	77	Mill and Resurface	\$17,500
Enterprise Court	North End	Tempel Drive	2,488	78	Mill and Resurface	\$99,600
Orchard Circle	West End	Sandstone Drive	818	78	Mill and Resurface	\$32,800
Tamarack Circle	Tamarack Lane	Tamarack Lane	430	78	Mill and Resurface	\$17,200
Hollister Drive	Milwaukee Avenue	Milwaukee Avenue	9,471	79	Mill and Resurface	\$378,900
Hurlburt Court	Milwaukee Avenue	285 FT East	824	79	Mill and Resurface	\$33,000
Hurlburt Court	285 FT East	Park Place	645	79	Mill and Resurface	\$25,800
Park Place	Park Avenue	Hurlburt Court	1,102	79	Mill and Resurface	\$44,100
Shell Drive	Lake Street	Northwind Boulevard	2,785	80	Pavement Patching	\$69,700
Gracewood Drive	West End	Dymond Road	1,347	81	Pavement Patching	\$33,700
Industrial Drive	Cul-De-Sac	North End	2,473	81	Pavement Patching	\$61,900
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Construction Cost FY 2020						\$814,200
1.25% Inflation/YR:						\$216,800
Construction Cost with Inflation FY 2039:						\$1,031,000
Contingency (10%):						\$103,100
Engineering (8%):						\$82,500
<hr/> <hr/>						
Budget Total FY 2039:						\$1,216,600

*ALL COSTS ARE ROUNDED UP TO THE NEAREST \$100

Village Limits
Road Maintenance Program Year
— 2039



USA_Major_Roads: Gewalt Hamilton Associates, Inc.



1 inch = 2,200 Feet

Amended Road Maintenance Program Year - 2039

Village of Libertyville, Illinois

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