

Village of Carol Stream

BOARD MEETING

AGENDA

MAY 16, 2022

6:00 P.M.

Village Board meeting is being held virtually to the public until further notice due to the pandemic.

All matters on the Agenda may be discussed, amended and acted upon

A. ROLL CALL AND PLEDGE OF ALLEGIANCE:

B. MINUTES:

1. Approval of Minutes of the May 2, 2022 Village Board Meeting.

C. LISTENING POST:

1. Resolution No. 3248 Commending Donna Hawco on Twenty-Five Years of Service with the Village of Carol Stream.
2. Proclamation Designating May Building Safety Month.
3. Proclamation Observing 2022 Motorcycle Awareness Month.
4. Addresses from Audience (3 Minutes).

D. PUBLIC HEARINGS:

1. Continued Public Hearing – 4N210 Old Gary Avenue. *This Public Hearing, continued from the May 2, 2022 Village Board meeting, is noticed to receive comments from the public regarding the proposed Annexation Agreement for the property at 4N210 Old Gary Avenue owned by LiUNA Chicagoland Laborers' District Council Fund.*

E. SELECTION OF CONSENT AGENDA:

If you are here for an item, which is added to the consent agenda and approved, the Village Board has acted favorably on your request.

F. BOARD AND COMMISSION REPORTS:

1. Plan Commission/Zoning Board of Appeals
 - a. 21-0026 – LiUNA, 4N210 Old Gary Avenue
Rezoning to I Industrial District upon Annexation
Recommended Approval 4-0
Special Use Permit for Union Hall and Training Facility
Front Yard Building Setback Variation
Recommended Approval Subject to Conditions 4-0

Village of Carol Stream

BOARD MEETING

AGENDA

MAY 16, 2022

6:00 P.M.

Village Board meeting is being held virtually to the public until further notice due to the pandemic.

All matters on the Agenda may be discussed, amended and acted upon

G. OLD BUSINESS:

H. STAFF REPORTS AND RECOMMENDATIONS:

1. Salt Purchase for Winter 2022/23. *Staff recommends approving the purchase of rock salt from Morton Salt Company, Inc. in accordance with terms and conditions as established under DuPage County Bid #22-044-DOT at a cost not-to-exceed \$197,288.00 pursuant to the provisions of Sections 5-8-3(B) and 5-8-14(L) of the Carol Stream Code of Ordinances.*
2. Urban Forest Management Plan (UFMP). *Staff recommends approval of the Urban Forest Management Plan which is intended to guide decision-making regarding management of trees on public property over the next ten years.*

I. ORDINANCES:

1. Ordinance No. 2022-05-____ Amending the Village of Carol Stream Code of Ordinances, Chapter 12, Public Ways and Properties, to Replace Article 3, Section 16 with a New Section 16 – Tree Preservation.
2. Ordinance No. 2022-05-____ Approving an Annexation Agreement. *An Annexation Agreement for the property at 4N210 Old Gary Avenue owned by LiUNA Chicagoland Laborers' District Council Fund proposed to be used for laborers' training programs. Staff recommends approval of the Ordinance.*
3. Ordinance No. 2022-05-____ Annexing Certain Territory into the Village of Carol Stream. *Annexation of the property at 4N210 Old Gary Avenue owned by LiUNA Chicagoland Laborers' District Council Fund. Staff recommends approval of the Ordinance annexing the LiUNA Chicagoland Laborers' District Council Fund property in accordance with the Annexation Agreement for the property.*
4. Ordinance No. 2022-05-____ Approving a Zoning Map Amendment to zone property to the I Industrial District upon Annexation to the Village of Carol Stream. *(LiUNA Chicagoland Laborers' District Council Fund property at 4N210 Old Gary Avenue). Staff recommends approval of the Ordinance zoning the LiUNA Chicagoland Laborers' District Council Fund property to I Industrial District. See F.1.a.*

Village of Carol Stream

BOARD MEETING

AGENDA

MAY 16, 2022

6:00 P.M.

Village Board meeting is being held virtually to the public until further notice due to the pandemic.

All matters on the Agenda may be discussed, amended and acted upon

5. Ordinance No. 2022-05-____ Approving a Special Use Permit for a Union Hall and Training Facility and a Variation for Front Yard Building setback. *(LiUNA Chicagoland Laborers' District Council Fund property at 4N210 Old Gary Avenue). Staff recommends approval of the Special Use Permit for a Union Hall and Training Facility and Unified Development Ordinance Variation for the Front Yard Building setback. See F.1.a.*

J. RESOLUTIONS:

1. Resolution No. ____ for Improvement Under the Illinois Highway Code – Morton Road Reconstruction (Section 22-00067-00-WR). *This project is funded through the Rebuild Illinois Bond Fund and therefore needs to be approved by the Illinois Department of Transportation prior to bidding and award of contract in the amount of \$580,800.00.*
2. Resolution No. ____ for Maintenance of Streets and Highways by Municipality under the Illinois Highway Code – 2022 Crackfill Project (Section 23-00000-00-GM). *This project is funded with Motor Fuel Tax dollars and therefore needs to be approved by the Illinois Department of Transportation prior to bidding and award of contract with a cost estimate of \$75,000.00.*

K. NEW BUSINESS:

1. Reappointment of Gabriel Murcia to the Board of Fire and Police Commission.

L. PAYMENT OF BILLS:

1. Regular Bills: May 3, 2022 through May 16, 2022.
2. Addendum Warrants: May 3, 2022 through May 16, 2022.

M. REPORT OF OFFICERS:

1. Mayor:
2. Trustees:
3. Clerk:

Village of Carol Stream

BOARD MEETING

AGENDA

MAY 16, 2022

6:00 P.M.

Village Board meeting is being held virtually to the public until further notice due to the pandemic.

All matters on the Agenda may be discussed, amended and acted upon

4. Treasurer's Report: *Revenue/Expenditure Statements and Balance sheet for the Month ended April 30, 2022.*

N. EXECUTIVE SESSION:

1. Collective Negotiating Matters – 5/ILCS 120/2(c)(2)

O. ADJOURNMENT:

LAST ORDINANCE	2022-05-23	LAST RESOLUTION	3247
NEXT ORDINANCE	2022-05-24	NEXT RESOLUTION	3248

REGULAR MEETING OF THE MAYOR AND BOARD OF TRUSTEES
Gregory J. Bielawski Municipal Center, 500 N. Gary Avenue,
Carol Stream, DuPage County, IL

May 2, 2022

Mayor Pro Tem Matt McCarthy called the Regular Meeting of the Board of Trustees to order at 6:00 p.m. and requested that Village Clerk Julia Schwarze call the roll.

Present: Trustees Jeff Berger, Tom Garvey, John Zalak, Mary Frusolone and Matt McCarthy, and Village Clerk Julia Schwarze

Absent: Trustee Rick Gieser and Mayor Frank Saverino, Sr.

Also Present: Village Manager Bob Mellor, Assistant Village Manager Joe Carey, Assistant to the Village Manager Tia Messino, Finance Director Jon Batek, Planning and Economic Development Director Tom Farace, Director of Engineering Services Bill Cleveland, Public Works Director Phil Modaff, Chief of Police Bill Holmer, Human Resources Director Caryl Rebholz, Information Technology Director Marc Talavera, and Village Attorney Jim Rhodes

MINUTES:

Trustee Garvey moved and Trustee Zalak made the second to approve the Minutes of the April 18, 2022 Village Board Meeting. The results of the roll call vote were as follows:

Ayes: 4 Trustees Garvey, Zalak, Frusolone and McCarthy

Nays: 0

Abstain: 1 Trustee Berger

Absent: 1 Trustee Gieser

The motion passed.

LISTENING POST:

1. Proclamation Designating May 20th Bike to Work Day – *read by Trustee Berger.*
2. Addresses from Audience: *None.*

PUBLIC HEARINGS:

1. Public Hearing to receive comments from the public regarding the proposed Annexation Agreement for the property at 4N210 Old Gary Avenue owned by LiUNA Chicagoland Laborers' District Council Fund.

Trustee Frusolone moved and Trustee Garvey made the second to open the Public Hearing. The results of the roll call vote were as follows:

Ayes: 5 Trustees Berger, Garvey, Zalak, Frusolone and McCarthy

Nays: 0

Abstain: 0

Absent: 1 Trustee Gieser

The motion passed.

After a brief overview of the proposed Annexation Agreement by Village Attorney Rhodes with no public comments received, Trustee Zalak moved and Trustee Berger made the second to continue the Public Hearing to the May 16th Village Board meeting. The results of the roll call vote were as follows:

Ayes: 5 Trustees Berger, Garvey, Zalak, Frusolone and McCarthy

Nays: 0

Abstain: 0

Absent: 1 Trustee Gieser

The motion passed.

CONSENT AGENDA:

Trustee Frusolone moved and Trustee Berger made the second to establish a Consent Agenda for this meeting. The results of the roll call vote were as follows:

Ayes: 5 Trustees Berger, Garvey, Zalak, Frusolone and McCarthy

Nays: 0

Abstain: 0

Absent: 1 Trustee Gieser

The motion passed.

Trustee Garvey moved and Trustee Frusolone made the second to place the following items on the Consent Agenda established for this meeting. The results of the roll call vote were as follows:

Ayes: 5 Trustees Berger, Garvey, Zalak, Frusolone and McCarthy

Nays: 0

Abstain: 0

Absent: 1 Trustee Gieser

The motion passed.

Trustee Zalak moved and Trustee Berger made the second to approve the Consent Agenda for this meeting by Omnibus Vote. The results of the roll call vote were as follows:

Ayes: 5 Trustees Berger, Garvey, Zalak, Frusolone and McCarthy

Nays: 0

Abstain: 0

Absent: 1 Trustee Gieser

The motion passed.

The following items were approved on the Consent Agenda for this meeting:

22-0014 – Village of Carol Stream, 500 N. Gary Avenue

Zoning Text Amendment, Unified Development Ordinance (UDO) – Miscellaneous Modifications

Recommended Approval 4-0

The Village Board concurred with Plan Commission’s recommendation

Motion to approve an Agreement with StudioGC for planning, design, cost-estimating and bidding services for the Public Works Facilities Improvements Project up to an amount of \$57,350.00:

The Village Board approved an agreement for the planning, design, cost-estimating and bidding services for the Public Works Facilities Improvements with StudioGC up to an amount of \$57,350.00.

Award of Contract for Fireworks Show on July 2, 2022:

The Village Board approved a contract with Pyrotecnico Fireworks, Inc. in the amount of \$28,000.00 for the fireworks show on July 2, 2022 subject to Chapter 5, Article 8, Sections 5-18-14(A) and (B) of the Carol Stream Code of Ordinances.

Alcohol Concession Agreement – 2022 Taste of Carol Stream:

The Village Board approved the Taste of Carol Stream Agreement between the Village of Carol Stream, Carol Stream Chamber of Commerce and Carol Stream Rotary for the sale of beer, wine, hard seltzer and hard cranberry lemonade for the Taste of Carol Stream at Town Center on June 11, 2022.

Award of Contract for Janitorial Services:

The Village Board approved a contract for janitorial service for the Municipal Center with Crystal Maintenance Services in the amounts specified in their bid packet of \$49,860.00 with the option to renew the contract up to three (3) additional years subject to satisfactory performance during the initial term of the contract.

Native Plant Management for FY22/23:

The Village Board approved a contract with Bedrock Earthscapes, LLC for \$24,465.00 for the FY22/23 Pond and Stream Maintenance-Native Plant Management pursuant to the provisions of Section 5-8-14(B) of the Carol Stream Code of Ordinances.

Klein Creek Streambank Stabilization – Section 1 Project:

The Village Board approved a construction contract with Earthwerks Land Improvement & Development Corp. at the contract unit prices with an estimated total price of \$3,488,664.00 for the Klein Creek Streambank Stabilization Section 1 project.

Ordinance No. 2022-05-21 Amending Chapter 16 of the Carol Stream Code of Ordinances (Unified Development Ordinance-Miscellaneous Modifications):

The Village Board approved amendments to the Unified Development Ordinance.

Ordinance No. 2022-05-22 Amending Chapter 11, Article 2 of the Carol Stream Code of Ordinances by Increasing the Number of Class F Liquor Licenses from 9 to 10 for Bellas Pizza, LLC d/b/a Bella's Pizza located at 1045 Fountain View Drive:

The Village Board approved a Class F Liquor License for Bella's Pizza located at 1045 Fountain View Drive.

Resolution No. 3246 Committing Local Funds for Construction and Construction Engineering for the Kuhn Road Bike Path Project (Section Number 15-000-60-00-BT) Lies Road to Army Trail Road:

The Village Board approved local funds for construction and construction engineering for the Kuhn Road Bike Path project from Lies Road to Army Trail Road.

Resolution No. 3247 Authorizing the Execution of an Illinois Department of Transportation Engineering Services Agreement for Federal Participation with regard to Kuhn Road Bike Trail Extension from Lies Road to Army Trail Road:

The Village Board approved an Illinois Department of Transportation Engineering Services Agreement for Federal Participation regarding the Kuhn Road Bike Trail Extension from Lies Road to Army Trail Road.

Reappointment of Anthony Simonetta to the Police Pension Fund Board:

The Village Board reappointed Anthony Simonetta to the Police Pension Fund Board for a two (2) year term expiring April 30, 2024.

Regular Bills and Addendum Warrant of Bills:

The Village Board approved payment of Regular Bills dated May 2, 2022 in the amount of \$395,858.05. The Village Board approved the payment of Addendum Warrant of Bills from April 19, 2022 thru May 2, 2022 in the amount of \$666,355.47.

NON-CONSENT AGENDA ITEMS:

- 1. Agenda item H.1. was pulled off the consent agenda by Trustee McCarthy in order to allow for a separate presentation by Public Works Director Modaff and Assistant to the Village Manager Messino on the Grant-Funded Tree Inventory, Urban Forest Management Plan and Tree Preservation and Protection Ordinance. Copies of the proposed Ordinance will be distributed prior to the May 16th Village Board meeting in which the final Ordinance will be presented to the Board for approval.*
- 2. Agenda item I.3., regarding approval of an Ordinance Amending Chapter 11, Article 2 of the Carol Stream Code of Ordinances by Increasing the Number of Class V Licenses from 17 to 18, was pulled off the consent agenda by Trustee Garvey in order to clarify the number of gaming licenses allowed in Carol Stream. After clarification was given, Trustee Berger moved and Trustee Frusolone made the second to approve Ordinance No. 2022-05-23, Amending Chapter 11, Article 2 of the Carol Stream Code of Ordinances by Increasing the Number of Class V Licenses from 17 to 18 for Masters Pancake House, Inc. d/b/a Mapleberry Pancake House located at 1276 Kuhn Road. The results of the roll call vote were as follows:*

Ayes: 4 Trustees Berger, Zalak, Frusolone and McCarthy

Nays: 1 Trustee Garvey

Abstain: 0

Absent: 1 Trustee Gieser

The motion passed.

REPORT OF OFFICERS:

Trustee Berger acknowledged National Teacher Appreciation Week and his daughters, the elder a music teacher in the Milwaukee Public Schools, and the younger who will major in Special Education and minor in Sign Language when she starts college at ISU this fall. He also recognized his one-year milestone being sworn in as a Trustee and thanked staff and colleagues for their support and encouragement along the way.

Trustee Garvey congratulated Streets Supervisor Jason Pauling for his well-received presentation in Pittsburgh and his recent Public Works Professional Supervision Certification, and thanked him for his efforts to bring Carol Stream into the National Spotlight.

Trustee Zalak thanked Jacobs Engineering for partnering with Carol Stream for the Arbor Day tree-planting event and helping to make our village even more beautiful; thanked Anthony Simonetta for volunteering his time to be on the Police Pension Fund Board; congratulated Officer Kevin Babor on his retirement; thanked Streets Supervisor Pauling for his efforts and helping to get Carol Stream national recognition; thanked the first responders in Carol Stream's Public Works and Police Department who do an excellent job, and asked that we keep them in our thoughts and prayers.

Trustee Frusolone congratulated Streets Supervisor Pauling on his well-deserved accolades; congratulated Officer Babor on his retirement and stated that she is looking forward to the hiring of new police officers enthusiastic to start work in Carol Stream; gave a recap of the recent food drive supporting six local food pantries and thanked all volunteers, Glenbard North High School and the Rotary Club for their efforts; and wished all moms a Happy Mother's Day.

Village Clerk Schwarze thanked her Deputy Clerk Sherry Craig for going above and beyond working extra hours to get all the liquor and gaming licenses processed by the April 30th deadline; congratulated all Village officials for getting their Statements of Economic Interest submitted on time without penalty; announced the Outreach Community Center's Open House Friday May 6th; wished a happy Eid Mubarak to those who celebrate; and reminded everyone to shop and dine in Carol Stream.

Assistant to the Village Manager Messino reported on the 4th of July fireworks contract and the partnership with Jacobs Engineering who is sponsoring the fireworks in the amount of \$10,000; and gave a reminder about the Pond and Stream Sweep and Geek Fest on May 21st and Culver's 4th of July parade fundraiser on May 18th.

Attorney Rhodes had no report.

Village Manager Mellor stated that in addition to the two employees already recognized by the Board, he wanted to recognize a couple of other employees: IT Director Marc Talavera for being the opening speaker at the Municipal GIS Consortium Leadership Roundtable and representing Carol Stream very well as the President of this organization; and Assistant to the Village Manager Messino who was a panelist on Community Branding at the Illinois Association of Municipal Management Assistants annual conference.

Mayor Pro Tem McCarthy commended the great staff in Carol Stream and thanked them for their hard work on initiatives such as the Urban Forest Management Plan to beautify Carol Stream and help keep our village an environmental leader; congratulated Officer Babor on his retirement; and wished his grandchildren Madison and Dean a happy first birthday.

At 7:15 p.m., Trustee Frusolone moved and Trustee Zalak made the second to adjourn the meeting. The results of the roll call vote were as follows:

Ayes: 5 Trustees Berger, Garvey, Zalak, Frusolone and McCarthy

Nays: 0

Abstain: 0

Absent: 1 Trustee Gieser

The motion passed.

FOR THE BOARD OF TRUSTEES

Matt McCarthy, Mayor Pro Tem

ATTEST:

Julia Schwarze, Village Clerk

RESOLUTION NO. 3248

**A RESOLUTION COMMENDING DONNA HAWCO
ON TWENTY-FIVE YEARS OF SERVICE WITH THE VILLAGE OF CAROL STREAM**

WHEREAS, Donna Hawco joined the Department of Engineering Services as the Administrative Secretary on May 19, 1997; and

WHEREAS, Donna Hawco has overseen several very important functions of the Department including the tracking and management of development security and fee deposits, overweight/oversize vehicle permitting, document management system; and

WHEREAS, Donna Hawco developed and implemented the secretarial/inspector cross training program where secretaries are trained on inspector duties and projects enabling them to answer numerous technical engineering and construction questions; and

WHEREAS, Donna Hawco worked diligently with the Police Department to create an efficient, easy on-line overweight/oversized vehicle permitting system; and

WHEREAS, Donna Hawco's efforts greatly increased participation in the annual Pond & Stream Sweep from a low of 25 volunteers in 2010 to over 100 three years later, resulting in a Letter of Commendation in 2012; and

WHEREAS, Donna Hawco has volunteered for several community events including the Pond & Stream Sweep, Town Center concerts and Summer in the Center; and

WHEREAS, Donna Hawco has served the Village for twenty-five years of public service with the Department of Engineering Services.

NOW THEREFORE BE IT RESOLVED BY THE MAYOR AND BOARD OF TRUSTEES OF THE VILLAGE OF CAROL STREAM, on behalf of all of the former and present elected and appointed officials and residents of Carol Stream, that:

SECTION 1: Donna Hawco should be recognized and commended for her innovation, dedication and high quality of customer service to the Village of Carol Stream. Her efforts and contributions are greatly appreciated.

SECTION 2: Donna Hawco is wished the very best in her future years with the Village.

This resolution shall be in full force and effect from and after its passage as approved by law.

PASSED AND APPROVED THIS 16th DAY OF MAY 2022.

AYES:

NAYS:

ABSENT:

Frank Saverino, Sr., Mayor

ATTEST

Julia Schwarze, Village Clerk

PROCLAMATION

DESIGNATING MAY BUILDING SAFETY MONTH

WHEREAS, the Village of Carol Stream recognizes that our growth and strength depends on the safety and economic value of the homes, buildings and infrastructure that serve our citizens, both in everyday life and in times of natural disaster; and

WHEREAS, our confidence is achieved through the dedication of building safety and fire prevention officials, architects, engineers, builders, tradespeople, design professionals, laborers, and others in the construction industry who work year-round to ensure the safe construction of buildings; and

WHEREAS, the International Code Council, a U.S. based organization that brings together local, state and federal officials, works to create and implement the highest-quality codes, to protect us in the buildings where we live, learn, work, play; and

WHEREAS, "Safety for All: Building Codes in Action", the theme for Building Safety Month 2022, encourages all Americans to raise awareness about the importance of safe and resilient construction; fire prevention; disaster mitigation, energy conservation; water safety; training the next generation; and new technologies in the construction industry; and

WHEREAS, each year, in observance of Building Safety Month, people all over the world are asked to consider the commitment to improve building safety and economic investment at home and in the community, and to acknowledge the essential service provided to all of us by local and state building departments, fire prevention bureaus and federal agencies in protecting lives and property.

NOW, THEREFORE, BE IT PROCLAIMED THAT I, FRANK SAVERINO, SR., AND THE CAROL STREAM VILLAGE BOARD OF TRUSTEES do hereby proclaim

May 2022 as Building Safety Month in Carol Stream

and encourage home and commercial property owners to recognize Building Safety Month.

PROCLAIMED THIS 16th DAY OF MAY, 2022.

Frank Saverino, Sr., Mayor

ATTEST:

Julia Schwarze, Village Clerk

PROCLAMATION

Observing 2022 Motorcycle Awareness Month

WHEREAS, the State of Illinois is proud to be a leader in motorcycle safety and education as safety is the highest priority for the highways and streets of our Village and State; and

WHEREAS, motorcycles are a common and economical means of transportation that reduces fuel consumption and road wear, and contributes in a significant way to the relief of traffic and parking congestion; and

WHEREAS, it is especially meaningful that the citizens of our Village be aware of motorcycles on the roadways and recognize the importance of motorcycle safety; and

WHEREAS, the members of A.B.A.T.E. of Illinois, Inc. (A Brotherhood Aimed Toward Education), continually promote motorcycle safety, education, and awareness in high school drivers' education programs and to the general public in our communities, presenting motorcycle awareness programs to over 120,000 participants in Illinois over the past seven years; and

WHEREAS, all motorists should join A.B.A.T.E. in actively promoting safe motorcycle operations during the month of May, all roadway users should unite in the safe sharing of roadways within the Village of Carol Stream.

NOW, THEREFORE BE IT PROCLAIMED THAT I, Mayor Frank Saverino, Sr. & the Carol Stream Board of Trustees, DuPage County, Illinois, in recognition of 35 years of A.B.A.T.E. of Illinois, Inc., and in recognition of the continued role Illinois serves as a leader in motorcycle safety, education and awareness, in the exercise of its home rule powers does hereby proclaim

May Motorcycle Awareness Month

in the Village of Carol Stream, and urge all motorists to join in an effort to improve safety and awareness on our roadways.


PROCLAIMED THIS 16th DAY OF MAY 2022.

Frank Saverino Sr., Mayor

Julia Schwarze, Village Clerk

Village of Carol Stream
Interdepartmental Memo

TO: Robert Mellor, Village Manager

FROM: Donald T. Bastian, Community Development Director 

DATE: May 11, 2022

RE: **Agenda Item for the May 16, 2022 Village Board Meeting – Continued Public Hearing for an Annexation Agreement for 4N210 Old Gary Avenue (LiUNA Chicagoland Laborers’ District Council Fund)**

This memorandum is intended to coordinate the continued public hearing for an Annexation Agreement for the LiUNA Chicagoland Laborers’ District Council Fund property at 4N210 Old Gary Avenue.

Background

LiUNA Chicagoland Laborers’ District Council Fund, located at 1200 Old Gary Avenue in Carol Stream, recently purchased the unincorporated 0.90-acre parcel at 4N210 Old Gary Avenue, which is immediately adjacent to and south of its main property. LiUNA wishes to annex this parcel and continue using it for its laborers’ training programs. For the Village Board’s information, at the April 25, 2022 Plan Commission meeting, the Commission recommended approval of rezoning the property to the I Industrial District, a special use permit for a union hall and training facility, and a front yard building setback variation, upon annexation, by a 4-0 vote.

The attached notice of public hearing was published in *The Examiner* on April 13, 2022, enabling the Village Board to hold a public hearing on the Annexation Agreement at its May 2, 2022 meeting. The Village Board opened and then continued the public hearing at the meeting on May 2. As such, the hearing remains open and the Board should invite the public to comment at the May 16 meeting.

Discussion

As noted, LiUNA Chicagoland Laborers’ District Council Fund proposes to continue using the buildings and property at 4N210 Old Gary Avenue for its training programs for laborers and construction workers. Highlights of the attached Annexation Agreement include:

- Within one year of the execution of the Annexation Agreement, LiUNA must obtain building permits and connect the building on the property to the Village’s public water system and public sanitary sewer system.
- Within one year of the execution of the Annexation Agreement, LiUNA must remove all pavement between the building and the front property line, other than the approved driveways, and plant landscape materials in accordance with the approved landscape plan.
- Within 21 days following the execution of the Annexation Agreement, LiUNA shall pay the Village \$29,347.56, which is cost of public improvements to Old Gary Avenue.

- Within six months of the execution of the Annexation Agreement, LiUNA shall file an application for a Plat of Consolidation, consolidating the 4N210 Old Gary Avenue parcel with the larger parcel at 1200 Old Gary Avenue.

The aerial photo below shows the parcel that is the subject of the Annexation Agreement outlined in blue. In addition to the removal of asphalt and installation of landscape materials in front of the building, LiUNA also plans to install a 22-space parking lot behind the building, with a driveway connection to the main parking lot to the north.



RECOMMENDATION

Staff recommends that the Village Board resume the public hearing continued from the May 2 meeting, accept any public testimony, then close the public hearing. If the Village Board finds the Annexation Agreement acceptable, the Board should adopt the Ordinances annexing the property and approving the Annexation Agreement.

DTB:db

Certificate of the Publisher

Examiner Publications, Inc. certifies that it is the publisher of The Examiner of Carol Stream. The Examiner of Carol Stream is a secular newspaper, has been continuously published weekly for more than fifty (50) weeks prior to the first publication of the attached notice, is published in the Village of Carol Stream, township of Bloomingdale, County of DuPage, State of Illinois, is of general circulation throughout that county and surrounding area, and is a newspaper as defined by 715 ILCS 5/5.

A notice, a true copy of which is attached, was published 1 times in The Examiner of Carol Stream, namely one time per week for 1 successive weeks. The first publication of the notice was made in the newspaper, dated and published on April 13, 2022 and the last publication of the notice was made in the newspaper dated and published on April 13, 2022. This notice was also placed on a statewide public notice website as required by 5 ILCS 5/2.1.

In witness, Examiner Publications, Inc. has signed this certificate by Randall Petrik, its publisher, at The Village of Carol Stream, Illinois, on April 13, 2022.

Examiner Publications, Inc.

By: Publisher 
Randall E. Petrik, Publisher, Examiner Publications, Inc.

Subscribed and sworn to before me this 13 day of April, A.D. 2022.

Notary Public





NOTICE OF PUBLIC HEARING ON AN ANNEXATION AGREEMENT BY THE VILLAGE OF CAROL STREAM 4N210 OLD GARY AVENUE

Notice is hereby given that on Monday, May 2, 2022, at 6:00 pm, the Mayor and Board of Trustees of the Village of Carol Stream will hold a Public Hearing at the Gregory J. Bielawski Municipal Center, 500 N. Gary Avenue, Carol Stream, Illinois, pursuant to 65 ILCS 5/11-15.1-1 et seq., for the purpose of considering and hearing testimony regarding a proposed annexation agreement with LIUNA Chicagoand Laborers' District Council Fund; and the annexation of a parcel of property located on the west side of Old Gary Avenue, approximately 575 feet south of Stark Drive, and legally described as follows:

The south one hundred and thirty-two

and twelve hundredths (132.12) feet of the east three hundred and thirty (330) feet of the east half of the northeast quarter of the southwest quarter of Section twenty (20), Township forty (40) north, Range ten (10) east of the Third Principal Meridian, in DuPage County, Illinois P.I.N. 02-20-300-005

Parcel Address: 4N210 Old Gary Avenue, Hanover Park, Illinois 60133

The parcel of property comprises approximately 1.0 acre and is located on the west side of Old Gary Avenue, approximately 575 feet south of Stark Drive (the Subject Property). It is proposed that upon annexation the Subject Property will be zoned I Industrial District and that special use approval will be granted to allow for the property to be used as a union hall and training facility. A variation to reduce the front yard building setback for the existing building from 60 feet to 37 feet is also proposed to be granted.

A copy of the annexation agreement and an accurate map of the Subject Property are on file with the Community Development Department and available for inspection. The proposed annexation agreement may be changed, altered, modified, or amended after the public hearing. All interested parties will be given an opportunity to be heard. Written comments with respect to the proposed annexation agreement may be submitted to the Village Clerk by 4:00 p.m. on May 2, 2022.

By order of the Village Board, Village of Carol Stream, Illinois. Published in The Examiner, Wednesday, April 13, 2022.

The Village of Carol Stream, in compliance with the Americans with Disabilities Act, requests that persons with disabilities, requiring accommodations to allow observance of and/or participation in this meeting or who have questions about the accessibility of meeting facilities, contact the Village's ADA Coordinator, the Assistant Village Manager at (630) 871-6252 or call TDD (630) 668-5785, at least 24 hours before the meeting.

/s/ Julia Schwarze
Village Clerk
Village of Carol Stream

As published in The Examiner April 13, 2022 0413

Village of Carol Stream
Interdepartmental Memo

TO: Robert Mellor, Village Manager

FROM: Tom Farace, Planning & Economic Development Manager *TF*

THROUGH: Donald T. Bastian, Community Development Director *DB*

DATE: May 10, 2022

RE: **Agenda Item for the Village Board Meeting of May 16, 2022**
PC/ZBA Case 21-0026, Chicagoland Laborers District Council Fund – 4N210 Old Gary Avenue: Zoning Map Amendment, Special Use Permit for a Union Hall and Training Facility, and Front Yard Building Setback Variation

The applicant, Keith Vitale with the Chicagoland Laborers District Council Fund (LiUNA) at 1200 Old Gary Avenue, seeks approval of a Zoning Map Amendment, Special Use Permit for a Union Hall and Training Facility, and Front Yard Building Setback Variation in association with the annexation of the property immediately adjacent and to the south at 4N210 Old Gary Avenue. LiUNA provides training and education for laborers working under the Chicagoland District Council collective bargaining agreement, and has been operating from its 1200 Old Gary facility since the 1990s. In 2020, LiUNA purchased the subject property, previously occupied by Lino's auto repair. The 6,400 square-foot building houses LiUNA's mason tending and building maintenance classes. LiUNA proposes to annex the property and complete site and landscaping upgrades to the extent possible in accordance with the Village codes and ordinances.

The property is proposed to be zoned I Industrial District upon annexation, which matches the zoning classification of the adjacent LiUNA property to the north. The applicant is also requesting approval for a Special Use Permit for a union hall and training facility, similar to the use approved for the main LiUNA facility to the north in 1995. The building is currently utilized for training, classroom, and storage purposes, and the applicant wishes to continue such uses in the building. Finally, a front yard building setback variation is requested to reduce the setback from 60 feet to 17 feet. It should be noted that the subject property was developed under DuPage County codes and ordinances, and Old Gary Avenue was widened in the past, which reduced the front building setback from Old Gary Avenue. Given the circumstances with the building's existing placement on the property, and the proposed expansion of green space along the Old Gary Avenue frontage, staff supports the Zoning Map Amendment, Special Use and Variation requests.


The staff report presenting the request, with supporting documentation, was transmitted to the Village Board with the PC/ZBA packet on April 22, 2022. At its meeting on April 25, 2022, by a vote of 4-0, the PC/ZBA recommended approval of the requests subject to the conditions in the April 25, 2022 staff report.

If the Village Board concurs with the PC/ZBA recommendation, they should approve the Zoning Map Amendment, Special Use Permit for a Union Hall and Training Facility, and Front Yard Building Setback Variation for LiUNA, subject to the conditions contained within the Ordinances, and adopt the necessary Ordinances.

ec: Keith Vitale, LiUNA

Village of Carol Stream
Interdepartmental Memo

TO: Robert Mellor, Village Manager

FROM: Philip J. Modaff, Director of Public Works 

DATE: April 28, 2022

RE: Salt Purchase – Winter 2022/23 – DuPage County Joint Bid

In April 2021 DuPage County Department of Transportation conducted a public bid for the purchase of road salt for the 2022-23 winter season and included a provision for pricing to be extended to other municipal agencies¹. DuPage County Bid #22-044-DOT was opened on April 27, 2022, and the DuPage County Board awarded the contract to Compass Materials at a price of \$75.88/ton².

DuPage County recently secured a commitment from Compass Materials to hold their pricing for an additional year. Our experience with Compass over the past year was very good in terms of quality of product, responsiveness to delivery requests and invoicing.

When the department budget was prepared in December (prior to knowing what the next year's pricing would be or how much salt would be left in the dome at end of the season), staff proposed a budget of \$225,000 for purchase of up to 2,600 tons of salt at an estimated cost of \$86.54 per ton. (Pricing in the most recent year was \$81.13/ton and, given various economic factors, we conservatively projected a five-percent increase).

In March staff submitted a base order request to the County to reserve 2,000 tons (with an option to take between 80% and 130% of the base order). With the recently confirmed bid price of \$75.88/ton for next season, we can now forecast that next season the Village will expend between \$121,408 (by taking the minimum required amount of 1,600 tons) and \$197,288 (if the maximum amount of 2,600 tons is needed)³. The current inventory in the salt dome is approximately 1,600 tons.

The Public Works Department recommends that the Board approve a Motion authorizing the purchase of rock salt from Morton Salt Company, Inc., in accordance with terms and conditions as established under DuPage County Bid #22-044-DOT and at a cost not-to-exceed \$197,288, pursuant to the provisions of Sections 5-8-3(B) and 5-8-14(L) of the Carol Stream Code of Ordinances.

¹ Under the Joint Purchasing Act the Village is able to secure goods and services under the same terms and conditions as were secured through a public bid conducted by another agency.

² The Bid Form submitted by Morton Salt and the County bid tabulation are attached for reference.

³ The County bid also solicited pricing for salt purchases between 131% - 150% of the base amount; that cost would be \$85.88/ton.

GROUP 2 – AGENCY/TOWNSHIPS/MUNICIPALITIES

All Product to be shipped F.O.B. Delivered, freight prepaid, to the locations listed. Each Agency/Township/Municipality will make an independent determination on whether it will enter into this agreement with the Awarded Contractor.

A – EARLY DELIVERY – 100% Confirmed quantities. Delivery by November 30, 2022

ITEM	UOM	QTY	PRICE	EXTENDED PRICE
BULK ROCK SALT	TON	6,000	\$ 75.88	\$ 455,280.00
GRAND TOTAL Four hundred fifty-five thousand, two hundred eighty dollars and zero cents (In words)				

B – STANDARD DELIVERY → Bidders are required to provide a unit price for 80% to 130% of the estimated quantity. If the Agency/Township/Municipality agrees to enter into an agreement with the Awarded Contractor, the Township/Municipality agrees to purchase at least 80% of the quantity shown. If the Agency/Township/Municipality does not utilize or order the 80%, the Agency/Township/Municipality will pay for the 80% and it will be stored at the terminal, for delivery to the Agency/Township/Municipality at a later date. This will be handled at no additional charge to the Contracting Agency/Township/Municipality.

ITEM	UOM	QTY	PRICE	EXTENDED PRICE
BULK ROCK SALT	TON	61,170	\$ 75.88	\$ 4,641,579.60
GRAND TOTAL (In words) Four million, six hundred forty-one thousand, five hundred seventy-nine dollars and sixty cents				

UNIT COST PER TON FOR QUANTITIES BETWEEN 131% AND 150% OF PROJECTED USAGE

\$ 85.88 PER TON



THE COUNTY OF DUPAGE
FINANCE - PROCUREMENT
BULK ROAD SALT 22-044-DOT
BID TABULATION



No.	Item	Unit	Qty	MORTON SALT, INC.		CARGILL INC		COMPASS MINERALS AMERICA INC.	
				Price	Extended Price	Price	Extended Price	Price	Extended Price
1	Group 1 - DuPage County Standard Delivery	Ton	15,000	\$ 75.88	\$ 1,138,200.00	\$ 81.99	\$ 1,229,850.00	\$ 84.21	\$ 1,263,150.00
2	Purchase for 131% -150% of Projected Usage	Ton	1	\$ 85.88		\$ 92.98		\$ 94.21	
GRAND TOTAL GROUP 1					\$ 1,138,200.00		\$ 1,229,850.00		\$ 1,263,150.00
3	Group 2A - Townships/Municipalities Early Delivery	Ton	6,000	\$ 75.88	\$ 455,280.00	\$ 86.11	\$ 516,660.00	\$ 98.49	\$ 590,940.00
4	Group 2B - Townships/Municipalities Standard Delivery	Ton	61,170	\$ 75.88	\$ 4,641,679.60	\$ 81.99	\$ 5,015,328.30	\$ 84.21	\$ 5,151,125.70
5	Purchase for 131% -150% of Projected Usage	Ton	1	\$ 85.88		\$ 92.98		\$ 94.21	
GRAND TOTAL GROUP 2				\$	5,096,859.60	\$	5,531,988.30	\$	5,742,065.70

NOTES

Bid Opening 4/27/2022 2:00 PM	NE, VC
Invitations Sent	5
Potential Bidders Requesting Bid Documents	1
Total Bid Responses Received	3

Village of Carol Stream
Interdepartmental Memo

TO: Bob Mellor, Village Manager

FROM: Philip J. Modaff, Director of Public Works
Tia Messino, Assistant to the Village Manager

DATE: May 10, 2022

RE: Urban Forest Management Plan (UFMP)

In February 2021 the Village received a grant offered under a U.S. Forest Service program and administered by the Morton Arboretum. The grant providing partial funding to work with a consultant to complete a parkway tree inventory, develop an Urban Forest Management Plan (UFMP) and update the Village Code with regard to the protection and preservation of trees on public property. At the May 2, 2022, Village Board meeting staff presented an update of progress on the project including discussion of highlights of the draft Ordinance and UFMP.

At the May 16 Village Board meeting staff will ask for acceptance of the attached Urban Forest Management Plan (UFMP)¹. As discussed at the May 2, 2022, Board meeting, the UFMP is intended to guide decision-making regarding management of trees on public property over the next ten years. Primary objectives of the plan include the following:

- **Establish goals** to manage tree removals, maintain Best Management Practices and enhance tree preservation measures;
- **Increase diversity** by maintaining a tree inventory, increasing overall community tree canopy and increasing public awareness of the value and proper care of trees;
- **Develop and maintain an Acceptable Tree Species List** and provide guidance on proper tree care methods, mitigating effects of climate change and increasing total number of parkway trees

The attached UFMP provides for the above goals and much more and can serve as a reference guide for staff, residents and elected officials for the next ten years.

Staff recommends the Village Board accept the attached Urban Forest Management Plan.

Attachment

¹ The proposed updated tree ordinance will also be on the May 16, 2022, agenda.

Village of Carol Stream
Urban Forest Management Plan



Prepared By

Stephen D. Lane: Urban Ecologist, Urban Forestry Consultant - ISA Certified Arborist #IL-4565A
Leslie Delles: Project Manager – ISA Certified Arborist #IL-9199AM

VILLAGE STAFF

Jason Pauling
Michele Lopez
Patrick Tunney
Phil Modaff
Tia Messino

Prepared On

May 2nd, 2022

This publication was made possible with a grant from the Illinois Department of Natural Resources and United States Department of Agriculture Forest Service, with assistance from the Morton Arboretum

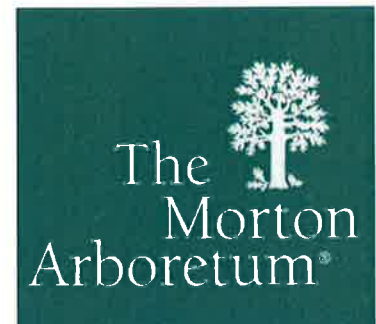


Table of Contents

Overview of Goals/Mission Statement	1-2
Carol Stream's Urban Forest: At a Glance	3
Direct Goals	4-11
Additional / Long Term Goals	12-14
Strategic Partnerships	14
Personnel	14-15
State of the Urban Forest	16-35
The Future of the Urban Forest	35-42
Trees and Climate Change	43-48
Tree Removal Planning	49-53
Tree Planting Planning	53-57
Tree Pruning Planning	57-61
Other General Maintenance	61-63
Tree Preservation and Management During Construction	63-64
Tree Risk Assessment and Sample Policy	64-68
Projected Budget	69
Summary / Conclusion	70
Glossary of Terms	71-76
Appendix A: Acceptable / Unacceptable Species List	77
Appendix B: Additional Species Comments	78
Appendix C: Species Substitutions	79
Appendix D: Balled and Burlapped Planting Detail	80
Appendix E: Containerized Tree Planting Detail	81
Appendix F: Proper Pruning Detail	82
Appendix G: Tree Protection Detail	83
Appendix H: ISA Risk Assessment Form	84-85
Appendix I: ANSI Z133.1 Standards Summary	86-88
Appendix J: Tree Planting Standards Summary	89-91
Appendix K: Tree Pruning Standards Summary	92
Appendix L: Carol Stream Pruning Zone Map	93

OVERVIEW OF CAROL STREAM'S URBAN FOREST MANAGEMENT PLAN

Carol Stream, Illinois currently manages 8,237 trees throughout its Village parkways, rights-of-way, and Village owned properties. There are 758 inventoried open planting spaces along with up to 2,000 possible planting spaces in areas of the Village where planting was not previously allowed which represents a potential for growth of the Urban Forest resource. The Village's trees were inventoried as part of a project in 2021 culminating in this Urban Forest Management Plan which will detail how these trees will be managed for the benefit of the Village of Carol Stream over the next 10 years, with a focus which begins in 2022, and projects out to 2032.

In terms of the condition of the Urban Forest in Carol Stream, there are both strengths and opportunities for improvement. One strength is the fact that there are 104 species represented in the tree population which is good diversity for a mid-sized municipal population. Additionally, the condition of the population as a whole is above average. There are, however, opportunities for improvement. The tree population here is largely young, where large trees over 25" DBH, which generally provide the greatest community benefits, make up less than 3% of the population, so a goal of this Urban Forest Management Plan will be to give younger trees the best opportunity to thrive, so that they can mature with vigor and subsequently move into the larger DBH and older age class categories. Additionally, the overall tree canopy coverage makes up for a lower percentage of land cover than other similar communities, and we will look at opportunities to set goals and increase the tree canopy coverage. Another strength, that is important to mention is that the Village faced a formidable foe in the Emerald Ash Borer infestation and did an outstanding job in managing the impact of the pest. Also, the ensuing reforestation efforts have been commendable.

In order to enhance the Urban Forestry program to produce long term benefits while attempting to reduce tree related costs through a continued high-level of long-term tree maintenance, the following Urban Forest Management Plan (UFMP) will address each one of these strengths and challenges, and create goals and milestones for each. Below is a broad view of the direct goals to come in the 2022-2032 period. Further detail is given in the body of the Plan, with separate sections detailing specific urban forestry activities, and how we propose they are achieved, along with standards and Best Management Practices for each.

An urban forestry program has been created in this Plan which attempts to achieve the greatest benefit for the community, based on the available data we have from the inventory, as well as input from Village staff working in tandem with Great Lakes Urban Forestry Management.






However, all plans are subject to change based on new information, budgets, or other unforeseen circumstances. For this reason, it is asked that readers consider that this plan is to be an evolving document, and goals and strategies will be updated to fit new circumstances as needed. No part of this plan is written in stone or absolute, and deviations and changes are to be expected in the course of managing living organisms in an ever-changing climate.

This Plan should be and is intended to be reviewed periodically, at which point the Village will have an opportunity to provide input and help improve the Plan during those annual reviews. These strategies and goals are not absolute, but rather serve as guideposts to mark the road to success.

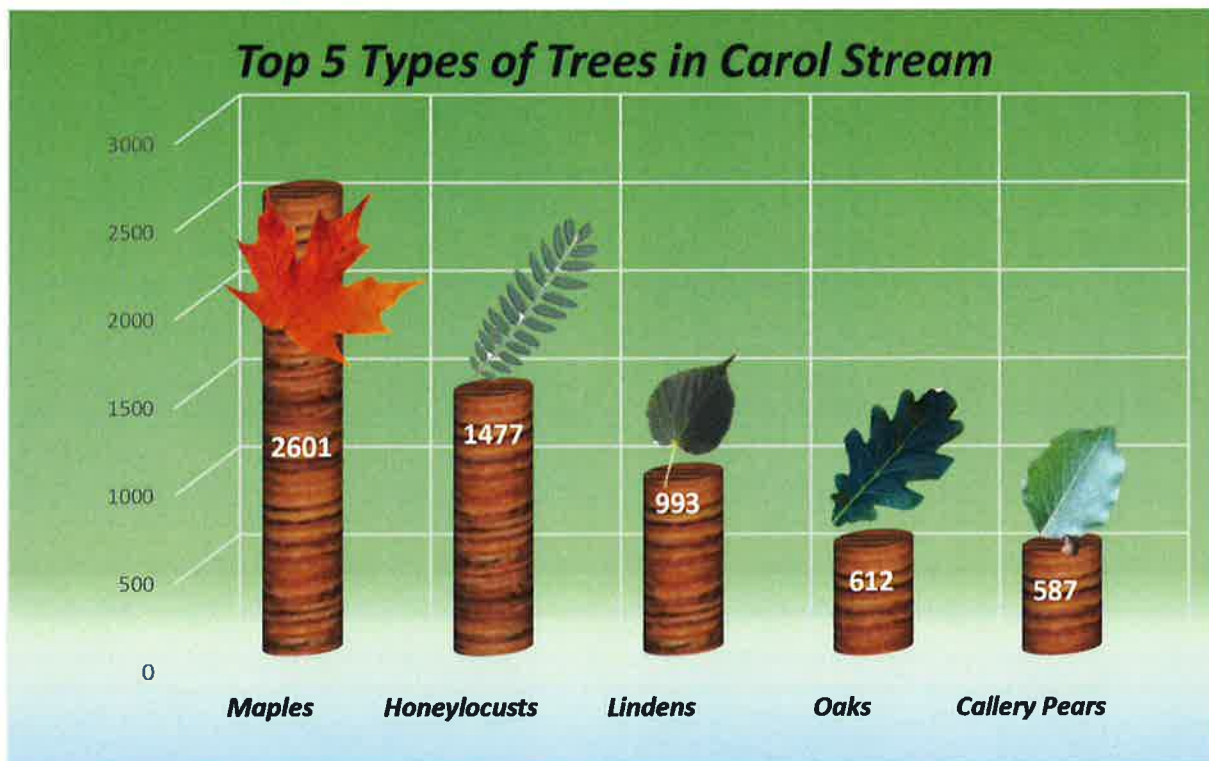
MISSION STATEMENT

It shall be the mission of this Urban Forest Management Plan to outline goals and Arboricultural Best Management Practices for the management of the urban forest to increase canopy cover, maximize the benefits of trees while minimizing cost, mitigate against climate change, and create a program to manage the urban forest in a manner that is sustainable, while maintaining flexibility.

CAROL STREAM'S URBAN FOREST: AT A GLANCE...

Total Number of Trees	8,237	
Open Planting Spaces	758	
Total Number of Species	104	
Annual Benefits Provided	\$1,168,181/yr	
Standing Value	\$13,187,087	

Values calculated by iTree Software
(www.itreetools.org) by the US Forest Service



DIRECT GOALS

Listed below are the direct goals of this Urban Forest Management Plan (herein referred to as “UFMP”, or “the Plan”), as well as a brief discussion of how they may be met. Direct goals are those which this plan addresses very explicitly in describing pruning, removal, planting, and other activities. Every attempt was made to make these goals realistic and achievable, so they do not place an undue burden on the Village of Carol Stream, its residents, or its resources. Instead, the direct goals of this UFMP are to save money and provide greater benefits over time through proactive, as opposed to reactive, management. The Plan is also meant to be adaptive: new concepts, introduction of new pests or pathogens, or changing climate may all alter the way the Urban Forest is viewed.

The Plan is intended to be reviewed periodically by the Public Works Department and shared with the Village Administration and the Village Board. The review process should include evaluation of progress made towards these goals. Goals may be altered after the review, as conditions warrant. This UFMP is written with the understanding that circumstances and priorities change over time, and therefore its goals require a degree of flexibility. Since trees represent a long term (50-80 year) commitment, this UFMP is intended to provide guidance and continuity through those changes, while also adapting to them as the need arises. Below is a table summarizing this UFMP’s direct goals and the narrative that follows will provide details on all these goals.

Establish Goals	Update Ordinances	Increase Diversity	Maintain an Acceptable Species List
Manage Tree Removals	Maintain or Enhance Cycle Pruning	Maintain the Tree Inventory	Mulch New Plantings Properly
Maintain Best Management Practices	Create and Maintain a Tree Risk Assessment Policy	Increase Overall Tree Canopy	Mitigate the Effects of Climate Change
Enhance Tree Preservation Measures	Manage Invasive Species	Increase Awareness of the Urban Forest	Increase The Number of Trees on Public Right of Ways

Create a Needs Analysis for the Current Tree Population

Every tree population today is the result of decades of past management decisions. Over time, we increase our overall level of knowledge, skill, and efficiency in managing trees. Based on that new knowledge, we sometimes discover that decisions made decades ago may appear in retrospect to be in conflict with current best practices or local priorities. It is the goal of this Plan to assess the current state of the Village’s urban forest and examine its overall strengths and benefits, as well as look for opportunities for improvement to inform future decisions.

Each aspect of Carol Stream’s tree data has been analyzed: How many trees, what condition they are in, how old they are, what needs do they have, and more were all examined to create goals to improve the tree population. Specific goals in terms of planting, removals, pruning, budgets, personnel, and maintenance are all addressed by acknowledging both strengths and opportunities and suggesting how they might be used to the Village’s advantage.

These strengths and opportunities will be the guiding principles for the management strategies and specific goals outlined in each section below. To avoid repeating past mistakes, the Plan will also leave room for adaptive management, so the plan may be changed when appropriate.



Establish Goals in Order to Enhance Strengths and Realize Opportunities

In order to accomplish anything, goals are necessary to help guide organizations through the process. Establishing or enhancing a highly functional forestry program will require a series of attainable goals in order to be achieved. This UFMP seeks to provide guidance to accomplish those goals within a realistic budget and attainable timespan. As stated previously, goals are intended to change over time as the Village's capacity to manage the resource may increase or decrease.

In each section of the Plan related to direct goals, language has been included which incorporates both a budget and a time frame in which those goals can be accomplished. The overarching goal will be to have Carol Stream use this UFMP to create a more sustainable and adaptable forestry program within a 5-10 year period.

This program will include tree planting, tree maintenance, and tree removal for Carol Stream's urban forest, so that the tree population will be healthy, while maximizing benefits and minimizing risk. To learn more about the budgets, see the individual goals in each section below, or turn to the budget table on page 69.

Update Village Ordinances for Enforcement of Tree Policies

As part of the IDNR grant program, work has been performed by Morton Arboretum working in tandem with Carol Stream staff in order to edit and improve ordinances governing trees on public properties. These ordinances are meant to reinforce proper practices while discouraging improper practices and care, and are not meant to be overly punitive, but rather to encourage the proper tree care practices.

These ordinances are common industry regulations, such as enforcing rules about what trees cannot be planted because they are restricted or undesirable trees, or defining exactly what trees are the Village's and the homeowner's responsibility, among other things. The goal of these ordinances is to create a tree population which is diverse, healthy, and improving, providing the greatest benefit to the Village and its residents over the long term. The full text of the updated ordinance can be found in Carol Stream Municipal Code 12-3-16.

Increase Overall Diversity by 2032 Through Tree Planting

Tree species diversity is one of the most important concepts in Urban Forestry today. The reason pests and diseases like Emerald Ash Borer (EAB) and Dutch Elm Disease were so devastating is that there were too many Ash and Elm trees. When EAB arrived, many communities' Ash population was 20% or more, resulting in mass tree loss. This can be avoided in the future by planting a greater diversity of tree species, so that when new pests or pathogens are introduced, we only lose small amounts of specific tree species. Diversity leads to stability, and stability leads to reduced costs and increased benefits over time. Carol Stream was well-prepared to deal with the impact of EAB and every Ash tree that was removed from rights-of-way and public properties was replaced through a robust reforestation program.

A "Diversity Vision" has been created for 2032 which will see the tree population become far more diverse than it is at present. The current population includes a respectable 104 individual species and the diversity vision included in the Plan aims to reduce the number of trees that are over-represented and/or lower quality species while also seeking to increase the number of species that are under-represented or not present in the tree population.



Not only will trees be planted which are underrepresented or not present in the current population, they will also be planted in a way that selects the right tree for the right site. A direct goal will be to create a tree planting program where trees are matched to existing sites. This plan establishes a goal of planting 150-200 trees per year over the course of this plan, to both be able to replace older declining trees, as well as to grow the tree population by approximately 750 trees overall by 2032 with the goal of plantings outpacing removals by nearly 2 to 1. Ideas such as contract growing, creating an in-house liner nursery and others may be explored. To learn more about tree planting and reforestation, turn to page 53.

Maintain an Acceptable / Unacceptable Species List

The urban environment is a difficult place for a tree to live. Between road salts, urban pollutants, limited soil, and other challenges, not all trees will thrive in the urban environment. Trees which have very weak wood, which are known invasive species, which produce messy or foul-smelling fruits, or which create a public nuisance should also be avoided. Acceptable species are those which are adapted to our Midwest climate, are not invasive, and do not pose high risk. Included in this Plan is an "acceptable and unacceptable" list which details specific trees which may be planted on Village rights-of-way and Village-owned properties. The Village will review the list periodically to ensure that it is maintained in accordance with the latest information on specific trees. For more information on approved and unapproved species in Carol Stream, see the Acceptable Species list in Appendix A.

Manage Tree Removals

For public safety, or to prevent the spread of tree pests and pathogens, sometimes tree removal is unavoidable. At present, there are 278 trees which have been called for removal during the inventory. Of these, 24 are listed as a Priority Removal, 130 are listed as Standard Removals, and 124 are listed as Low Priority Removals based on the Arborist Recommendation in the tree inventory data.

Definitions of these Arborist Recommendations terms can be found in the “State of the Urban Forest” section on page 16. A tree removal program has been created in this Plan which budgets for the



removal of all these trees over the next 3 years. Cost projections for tree removals have been made based on the expected 100 removals per year over the next 10 years, so that long term budgeting projections can be made. Also included are ANSI and ISA safety standards in Appendices I-K, as well as suggested bid specifications to ensure the Village is hiring qualified contractors who will be held to the highest industry standards. For more information on Carol Stream’s proposed tree removal program, turn to page 49.

Maintain the Current Cycle Pruning Program

Properly pruned trees establish faster, grow quicker, and live longer lives than trees which are not pruned, or improperly pruned. Since large trees provide the greatest benefits to the community, pruning is a critical part of the Urban Forestry program in Carol Stream. Pruning will be done by Carol Stream staff and Certified Arborist contractors. Beginning this year and over the next several years, the trees identified during the inventory as requiring priority pruning, pruning of dead limbs, or establishment pruning will be addressed through scheduled tree-trimming and/or as resources allow. More details will be discussed in the Tree Pruning section of this plan.

Currently, the Village maintains a 6-year pruning cycle, supplemented with intermediate pruning on an as-needed basis to remove sight obstruction and hazards to pedestrians, bicyclists, and vehicles. This program ensures that all trees on public property are pruned at a minimum every 6 years, increasing tree health and vigor while reducing costs associated with storm damage and tree failure. It should be mentioned that the Village has been very proactive in its maintenance of their long-time implementation of cycle pruning program. For more information on tree pruning and maintenance, turn to page 57.

Maintain an Accurate Tree Inventory on an Annual Basis

Managing an urban forest requires a clear understanding of the trees, their ages, conditions, and locations, so that Village crews and contractors can perform work on these trees. A stem-by-stem tree inventory was completed in August 2021. This inventory resulted in an assessment of all of the trees on public rights-of-way in the Village, and will serve as the base data which will guide the forestry program throughout the next 10 years.

All inventories are a snapshot in time. With 8,237 trees on Village parkways and ROWs, the tree inventory should be maintained at a high level of accuracy so that it doesn't become out of date. Public Works maintains an Asset Management and Operation System which allows the tracking of all tree-related work from planting, to pruning to removals. It is also recommended that beginning in 2023, that a portion of the inventory be updated using a phased approach so that trees scheduled for cycle pruning will be reassessed and remeasured for a current DBH in advance of the pruning cycle.



This will ensure that pruning contractors have accurate DBH information on which to base their pricing. To keep the information at its most current on a Village-wide scale, these phased updates should be done on an annual basis, so with a 6-year pruning cycle, each Village tree will be updated in advance of its pruning cycle once every 6 years. Maintaining the tree inventory data at a high level is vital in the execution of this Management Plan.

Proper Mulching of All New Plantings

As noted above, the urban environment is a difficult place for a tree to become established and to live a long, healthy life. Proper mulching can significantly increase a tree's ability to do this. Mulch helps to conserve water during the summer by preventing it from evaporating from the soil. It also helps prevent weeds from growing around the tree and competing for water and nutrients and keeps lawn equipment such as weed whips away from the trunk where they can damage the tree. All new Village plantings will be properly mulched at the time of planting.

Another intended outcome of this initiative will be to educate residents about proper mulching care and notify them when poor mulching techniques are being used. Of particular concern is the practice known as "Volcano Mulching" which has the opposite effect of proper mulching and can severely damage a tree over time. For more information on proper mulching, turn to 62.

Incorporation of Best Management Practices in Tree Care Operations

"Best Management Practices" is a term which means being on the cutting edge of your industry. All contractors working for the Village should be compliant with the latest industry Best Management Practices, based on the appendices in this report. The ANSI and ISA Best Management Practices shall be integral parts of any Request for Proposal (RFP) or bid documents when seeking contractors. Full text of all referenced standards shall be made available to all Village employees and contractors performing tree care operations. This UFMP will be placed in the public domain for all residents to use as a reference.

Creation, Utilization, and Maintenance of a Tree Risk Assessment Policy

Trees create great benefits, but they may also pose various degrees of risk. Tree limb failure can have catastrophic effects on people or property, and trees need to be well-managed and healthy to avoid that risk. A risk assessment policy has been created as part of this Plan. This policy will aid in identifying, documenting, and designating for removal or mitigation, trees which may pose a threat to public safety in a timely manner. This will reduce the overall level of risk posed by trees, as well as exposure to liability from tree related incidents. Basic risk assessment language is included in this document, and a basic Tree Risk Assessment Policy has been created on 67, and the ISA Basic Tree Risk Assessment form can be found in Appendix H.

Increase Urban Tree Canopy from 13.35% to 15%

Tree canopy is important to the community because more and larger trees provide greater benefits such as decreased heating and cooling costs, pollution reduction, and increased storm water uptake. Tree lined streets are more attractive to homebuyers and potential new businesses, which increases home values, home ownership, and tax revenue (see <https://www.arborday.org/trees/benefits.cfm> for references). Increases in tree canopy also come with increases in total benefits provided to the entire community, so a direct goal will be to increase tree canopy.

Currently, Carol Stream contains 13.35% tree canopy coverage. (see page 35 for land cover map), compared to other land cover types. This includes all land, both public and private. Canopy cover is



different from stocking density as well as different from the planting and diversity projections later in this document which specifically targets trees that the Village has direct jurisdiction over on its rights-of-ways and Village-owned properties. Part of the 15% goal is encouraging tree planting on private property by residents and business owners. A link to an interactive Chicago Region Trees Initiative (CRTI) canopy over map can be found at

<http://chicagorti.org/interactivemap>

Based on this data from the CRTI, we believe that an increase to 15% canopy cover is a realistic goal for Carol Stream by 2032. This will be accomplished by increasing the number of trees on publicly owned property, encouraging private property planting, and encouraging the Village to look for opportunities to enhance tree selection and tree care practices as new information and knowledge becomes available, in order to help trees to establish well, live longer, become larger, and create more canopy cover. Part of this effort will be to consider establishing trees in parts of town where historically none have been planted in the public rights-of-way, as well as encouraging tree planting in industrial areas.

Carol Stream is unique in that it manages many ROWs throughout the village without trees, as well as a sizable industrial area. At 13.35%, canopy coverage in the Village is lower than some similarly sized communities, though this is not due to management shortfalls with the Village, but rather it's zoning makeup as noted above. Carol Stream may have additional opportunities to further increase the tree canopy goal by allowing plantings on ROWs in neighborhoods where there have previously been no ROW trees allowed. It is estimated that an additional 2,000 or more planting spaces are available in these areas, which provide an excellent opportunity for public property planting. Additional opportunities may exist in the form of encouraging tree planting in industrial areas which are often surrounded by mostly empty large grassy areas privately owned by those businesses.

Tree planting on private property will also be encouraged through promotion of educational materials, Arbor Day recognition and other community events. As we will show in the detailed portions of this Plan, these are real benefits that may help Carol Stream residents save money. For more information on Urban Tree Canopy, tree benefits, and other information, turn to pages 30-35.

Mitigate Climate Change Effects

An proactive and effective strategy to mitigate a changing climate is to plant more trees, and in fact the United States Environmental Protection Agency lists tree planting as one of the more effective solutions to mitigate climate change through absorption of carbon dioxide (<https://www.epa.gov/heatislands/using-trees-and-vegetation-reduce-heat-islands>). Outside of their aesthetic value, trees have a great variety of environmental benefits, specifically offsetting climate change by producing a cooling effect in urban heat islands, and flood abatement by absorbing stormwater that otherwise would run off. Trees also act as long-term sinks for carbon dioxide, where carbon from the atmosphere becomes "sequestered" in the tree's woody parts like the trunk and limbs as a result of photosynthesis, which is how trees create energy to grow.

Increasing tree canopy creates greater sinks for carbon dioxide, reduces localized heating from the urban heat island effect, and reduces environmental issues stemming from flooding. It also provides great habitat for birds, pollinators, and other beneficial wildlife that can enhance the urban environment. This will all be examined at several different points throughout this UFMP, in terms of examining the hard dollar benefits trees provide, looking at where trees can be planted to maximize their effect on heat islands and flooding, and looking at what species could be planted in the future as we are subject to higher average temperatures. For more information on using trees to mitigate climate change, turn to page 43.



Tree Preservation / Invasive Species Management

Sometimes trees can become damaged by construction activities, costing the Village money, and eliminating the benefit the tree had to the community. A basic tree survey and assessment should be conducted prior to the issuance of a permit for construction activities that may affect public trees. A tree protection zone for Village trees must be established and maintained during construction and the Village should monitor construction activities to ensure local ordinances are adhered to.

While the Village will not require the preservation of trees on private property, they do encourage it and are available to offer insight on tree preservation. Should a developer propose to maintain existing high-quality landscape materials to count toward satisfying certain landscape requirements of the Unified Development Ordinance, the Community Development Director may, upon receipt of an approved landscape preservation plan, waive certain landscape requirements if mature, high-quality plant materials on a lot are preserved. The removal of lower quality or invasive species on private property is also encouraged. A direct goal of this Urban Forest Management plan is to preserve trees during construction, and reduce the amount of undesirable species within the Village.

Increase Awareness of the Urban Forest in the Village of Carol Stream

The reason for the establishment and enhancement of an Urban Forestry program in Carol Stream is to improve the lives of the residents, business owners, and other stakeholders who want to enjoy the benefits a well-managed tree inventory can provide. In order to make this happen, Carol Stream will direct efforts towards an on-going educational program through a variety of media outlets to encourage residents and businesses to plant and maintain trees on private properties.

Increase Current Stocking Density from 92% to 95%

Currently, there are 758 inventoried planting spaces in Carol Stream's rights-of-way, and the stocking density is comparably high in currently plantable areas at approximately 92%. Stocking density differs from total canopy coverage in that stocking density is a statistical percentage calculation of the total number of suitable and available planting spaces on Village ROWs versus the number of spaces that are currently actually occupied by trees. This only refers to available spaces on Village ROWs and does not apply to any private properties.

An important thing to mention is that there are areas of the Village where ROW plantings were previously not allowed, so the stocking density percentage would change drastically if these neighborhoods became eligible for public tree planting. It is estimated that an additional 2,000 or more planting sites may exist on public rights-of-way. While including these in the stocking density calculations would reduce the overall percentage in the short term to closer to 75%, it would also result in much higher benefits to the community in terms of the environmental services provided by trees in the long term as these open sites are planted with trees.

This increase in stocking density will be achieved primarily by increased tree plantings in the coming years, when budgets allow, and use of innovative strategies to fund increases in tree planting.

Additional Goals

There are not necessarily strategic timelines set forth here for these “additional goals” programs, however the suggestions here are meant to spur discussions outside of the UFMP. As the direct goals of the Urban Forestry program in Carol Stream are met or exceeded, these are goals to be discussed by the Village as time and budgets become available. We believe that many of these programs represent some of the most progressive Urban Forestry policies in the current climate, and that they should all be seriously considered for implementation.

“No Tree Area”/ Industrial Area Canopy Development

As seen on the Land Use map on page 35, Carol Stream is home to significant amount of industrial development surrounded by large grassy areas. As mentioned above, Carol Stream has further opportunity to increase tree canopy coverage by encouraging its industrial and standard commercial businesses to have trees planted on their large grass areas. Additionally, many residential neighborhoods were also categorized as “No Tree” areas where there are standard sized parkways with virtually no parkway trees. Carol Stream can further increase their desired canopy goal by reevaluating these areas for some limited future tree planting. It is important to note that tree-lined streets and their shade-providing canopies can increase property values, as shown below on page 32.

Public Education

It is suggested that Carol Stream hold several annual tree education sessions, to coincide with annual Spring and Fall planting cycles. These sessions may be taught by the Village Arborist and/or Forestry Consultant, or other such qualified parties, and cover tree watering, fertilization, pruning, and the basics of how to spot insects and diseases. In addition, basic tree care pamphlets can be made available on the Village website and via social-media outlets. An Arbor Day celebration is an example of one such outreach event where trees could be planted and education sessions run.

Explore the Establishment of Village of Carol Stream Propagation Nursery

Consideration should be given to the establishment of a small propagation nursery on Carol Stream-owned land, or in partnership with land owned by its park district. The Village can grow a share of its own trees, using much smaller trees obtained from wholesale nurseries at a fraction of the cost of a full-sized tree. Small trees can be purchased wholesale, and then grown to maturity in Carol Stream. Such programs have been successfully instituted in many communities and represent a quality investment that results in cost savings over the long term.



We would recommend that the Village work with the Forestry Consultant, Park District, local nurserymen, and other strategic partners in order to explore this concept, and, if it is determined to be feasible, establish a program with the goal of having a functional nursery by 2032. The amount of time required for the care of young trees is minimal, and at an average cost of \$350 per tree wholesale, the Village may save money in their tree planting program by pursuing this goal.

Maintain Contract Growing Program

One of the keys to a successful Tree Planting Program is the availability of high-quality nursery stock from local sources. Incorporated with the UFMP for the Village is a diversity vision for 2032 that includes a great variety and diversity of different trees. A new approved species list has also been developed, as well as the tree species that are prohibited on public property. Having this information is an advantage for the Village, in that the future composition of the urban forest in terms of species is generally already known. It is believed that a comprehensive tree planting plan will be an important part of this process as well.

This knowledge, however, does not guarantee the availability of those specific trees when the time arrives to fill a particular site, which is a condition that a contract growing arrangement can solve. The Village currently has a working relationship with a local nursery and has effectively utilized contract growing agreements to successfully implement reforestation efforts in response to the Emerald Ash Borer infestation. By continuing this program, the Village will not have to compete with the landscape industry, other local organizations responsible for tree planting, or local retailers. Trees are ordered in annual increments. Each year, Carol Stream will purchase the trees previously ordered for that year and place an order for the following year. This gives the supplying nursery time to procure, plant, and bring the agreed upon trees to the size and branching habit specified.



This already successful program could be expanded to include other nurseries as well, at the discretion of the Village. Supplying nurseries should be located within a specified distance from the Village, to ensure climatic zone compatibility and reduced transportation costs and planting stock exposure to the elements. Nurseries should be of sufficient production capacity to furnish all trees ordered in advance by the Village, as well as possible increases when necessary. Nurseries should be chosen not only on their capacity to produce stock, but to meet quality, form, and health standards as specified by the Village. The nursery should allow tagging by the Village Arborist or other representative as well.

Trees should be evaluated one year after planting and assessed for health and survival. Responsibility for replacement of trees that have not survived the one-year guarantee period is divided equally between the supplier, the planter, and the Village. Trees that are dug or balled improperly will be replaced by the nursery. Trees improperly handled or planted are replaced by the planter. Trees that do not survive because of lack of maintenance are replaced by the Village.

Private Property Tree Planting Education Programs

Tree planting on private property is actually a direct goal of this Urban Forest Management Plan, as noted above. Though the Village has no formal jurisdiction to plant trees on private property, the benefits of tree planting on private property are substantial in terms of energy savings, storm water benefits, and other benefits. The Village should consider encouraging residents and business owners to plant trees on their property, using the tools available at their disposal. Partnering with local nurseries to create a program where residents can purchase trees from that nursery at a reduced price may also be a way to encourage tree planting on private property.

Another idea which has been successfully implemented is having the Village purchase trees from a wholesale nursery at wholesale prices, and then have an annual tree sale to local residents. The Village resells the trees at a slight markup from the wholesale cost, but still less than retail, and uses the proceeds to fund its forestry initiatives. Such programs would encourage tree planting on private property by reducing tree costs to the residents.

There are many ways to think creatively about how to encourage tree planting on private property, and no single solution which is universally applicable. We encourage the Village to explore such opportunities to build tree canopy throughout its entire land area.

Strategic Partnerships



Strategic partnerships are a very effective means of getting forestry projects accomplished when in-house resources may be limited. These typically involve either public-private partnerships or partnering with other public entities. Typically, the organizations seen participating in these programs include local garden clubs, scout groups, rotary clubs, businesses, school districts, state departments of natural resources, and other such groups. This will be an ongoing goal, and continuing partnerships with new organizations will be sought as needs arise and resources allow.

Personnel

In order to streamline urban forestry operations, tasks are assigned to various staff and contractors. Below is a representation of the Village's various roles and a brief summary of their duties.

Public Works Director

The Public Works Director is responsible for implementing forestry programs with the approval of the Village Board. With the advice and support of Certified Arborists on staff, this position will seek bids from qualified tree care contractors to complete the work approved and budgeted, as well as maintain the tree inventory when possible, and act as a representative for public concerns. The Public Works Director or their designee will exercise authority related to decision-making concerning pruning or removal of parkway trees.

Certified Arborists on Staff

The Village's Certified Arborists on staff will be a primary part of the in-house staff who perform day to day forestry operations in the Village. They will advise the Public Works Director when required and will carry out in-house work orders as instructed by the Public Works Director.

Tree Care Contractors

Tree care contractors are responsible for performing work solicited by the Village in a timely, safe, and expeditious manner. The tree care contractor must have at least one International Society of Arboriculture Certified Arborist on site when work is being performed. The contractors will also guide and participate in the performance of tree trimming, pruning, removal, and plant health care operations. Other operations, such as tree planting, tree watering, and tree mulching do not have to be performed under the direct supervision of a Certified Arborist.

Forestry Consultant

A Forestry Consultant may be utilized for impartially assessing the tree population on a periodic basis, at the discretion of the Public Works Director. A Forestry Consultant will generate reports as requested by the Village so that needs in terms of tree planting, removal, and maintenance can be assessed and planned. A Forestry Consultant may also provide services otherwise performed by a staff Certified Arborist at the discretion of the Public Works Director.

Director of Community Development

The Director of the Community Development Department will exercise authority related to enforcing the existing and proposed changes to the Village Code and Ordinances as referenced by this document.

Tree Commission

The Tree Commission as established by Ordinance according to grant requirements is the steward of this Urban Forest Management Plan. As the representatives of the Village, the Commission is tasked with ensuring the proper oversight of the urban forest so that all community members can realize its benefits. The Commission will be composed of Village staff from various departments and can be tasked with making informed decisions to bring to the Village Board as it pertains to decisions affecting the urban forest. The Commission may seek guidance from the Board, Forestry Consultant, and the Village Arborist, and use its opinions and independent research to make decisions. The Commission will be involved in periodically updating the Urban Forest Management Plan based on new information and new Commission Members.



State of the Urban Forest

Using the tree inventory data collected for the Village, it was determined that there are a total of 8,237 trees and 34 stumps on Village-owned rights-of-way and Village-owned properties, along with 758 open planting spaces that were inventoried and the potential for another 2,000 trees in parkways not traditionally approved for parkway tree planting. The charts and statistics in this portion of the Management Plan illustrate that the tree population in Carol Stream can be characterized as being in overall above average condition and the stocking density is high in plantable areas, at 92%. There are, however, several areas of the Village that remain treeless and if the additional 2,000 planting spaces become available, stocking density can be recalculated. The species diversity in Carol Stream is impressive with 104 individual species represented. Based on the following data in the Management Plan, the Village will be equipped to use this valuable information to address short term concerns, long term management considerations, and overall planning objectives.

Basic Statistics - Managed Trees

Number of Trees Inventoried	8,237
Number of Stumps Inventoried	34
Number of Planting Spaces Inventoried	758
Total Number of Species	104
Total Diameter Inches	75,471"
Average Tree Diameter	9.16"
Average Tree Condition	3.03 (Slightly Above Average)
Average Mature (8" and up) Tree Condition	3.13 (Above Average)

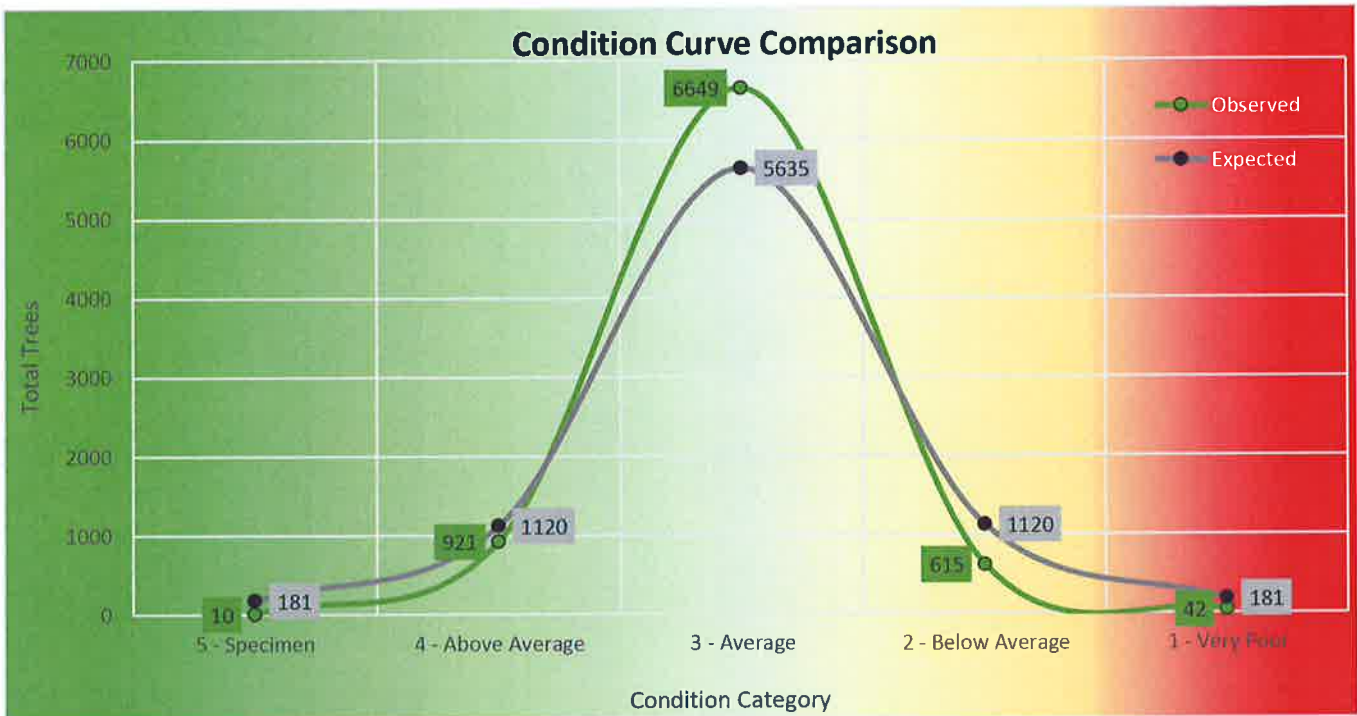
Condition Statistics

During the tree inventory, the condition of each tree was rated using a 1-5 rating system as described below which is consistent with the system currently used in the Village. The rating criteria is as follows:

Condition 5	Specimen - Tree has no observable defects, wounds, diseases, and has perfect form for the species. Since younger trees are generally trouble free, a condition 5 tree must by the Forestry Consultant's definition be a minimum of 16" DBH and are generally much larger. These are legacy trees, and as such are rare.
Condition 4	Above Average - Tree may have a small amount of deadwood, or a very limited number of minor defects. The overall form of the tree must be good, and consistent for the species. These trees, by the Forestry Consultant's definition, must have a minimum 8" DBH.
Condition 3	Average - Tree has moderate amounts of deadwood, wounds, or other defects, but is generally healthy. A wide variety of forms is acceptable for this group, which is meant to define the middle ground around which better or worse trees can be defined. Trees less than 8" DBH are automatically assigned this category unless they happen to be in worse condition.

VILLAGE OF CAROL STREAM URBAN FOREST MANAGEMENT PLAN

Condition 2	Below Average – Tree has defects, deadwood, wounds, disease, etc. which are likely to cause a need for removal. Very poor form or architecture can put an otherwise healthy tree in this category as well.
Condition 1	Very Poor – Tree must be removed. Defects are too far advanced for the tree to be reasonably saved. Like condition 5 trees, these are rare, as generally trees approaching this level are removed before they deteriorate to this level.



The chart above represents the distribution of trees in each of the 5 categories. We have included the tree condition ratings we observed in the field, as well as a curve representing an “average” distribution so that comparisons can be made. The green line represents what we observed in the field, and the grey line represents an average or “normal” tree population. The condition curve for the Carol Stream inventory indicates a tree population that is in overall above average condition.

The Condition 5, or specimen trees, were significantly lower than would be predicted by the standard distribution alone, but we always expect that the specimen trees (and often Condition 1 trees as well) will come in lower than their statistical norm because of their relative rarity. In Carol Stream, this is mostly due to most trees not meeting the minimum DBH threshold for this category. A Condition 5 tree, by definition, must be at least 16” DBH (and generally much larger), have textbook perfect architecture for the species, and have no observable defects. In Carol Stream, they are more rare because almost 85% of Carol Stream’s tree population is less than 16” DBH and are not eligible for the Condition 5 category.

It's important to note that Carol Stream's devastating tree loss due to EAB, approximately 3,000 Ash trees were removed over the past decade and replaced with 3,200 new trees, which is a commendable effort. As the more recently planted trees mature and more younger trees are planted in sites with adequate growing space, and if they are properly pruned and maintained, they should develop with good structure and may mature to become Condition 4 and eventually Condition 5 trees.

The Condition 1, or very poor trees, came in below the expected norm as would be expected since municipally managed trees are often removed before they reach this rating. The 42 trees in this category should be prioritized and removed.

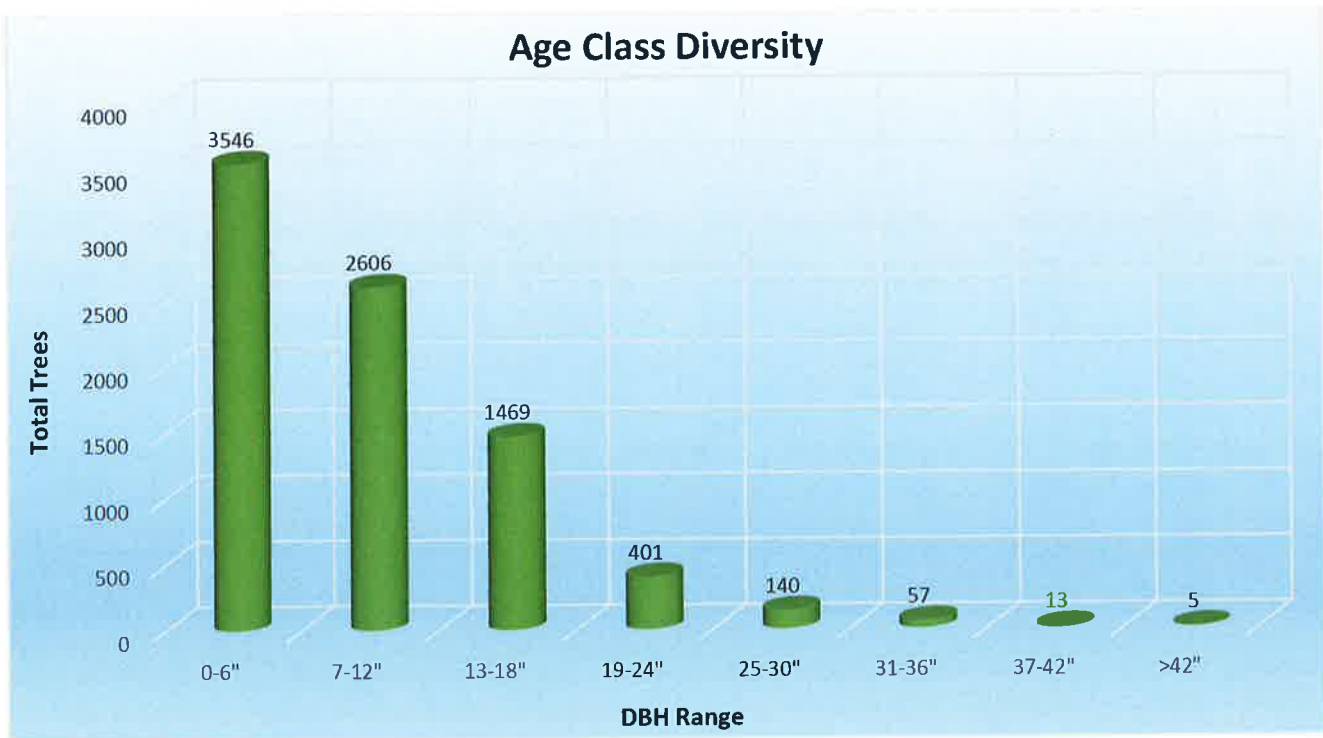
The Condition 4, or above average trees, are lower than what statistical analysis would predict. Similar to the Condition 5 category, Condition 4 trees need to have good structure that is consistent with the species in question, be free of major defects, and also be over 8" DBH. Looking toward the future, Carol Stream has an opportunity to increase the number of trees in the Condition 4 category. In general, if trees are properly mulched and maintained, newly installed trees are done so correctly and cared for well, and site selection for the trees is well matched to the species, trees will often mature with good form and without significant defects. These trees can eventually become Condition 4 trees.

The Condition 2, or below average trees are significantly lower than what would be statistically expected. This category includes a variety of species that have developed excessive deadwood and/or other structural defects. Using the tree inventory data to locate trees in need of removal and maintenance, Carol Stream can look to further decrease this number over the next few years as they move forward and attend to issues we have identified. These actions will continue to shift the Condition Curve even more toward Above Average.

The trees in the Condition 3, or average, category are higher than the expected norm. The reason for this is simply that this is the average category and generally has the most trees in it. Another reason this number is inflated is due to Carol Stream's tree population being largely young and all trees under 8" DBH are automatically assigned this category unless they happen to be in worse condition. In the next few years these more recently planted trees will begin to show their adaption to their environment, and we would expect these average trees to deviate from the norm.



Age Class Analysis



In terms of the ages of trees in Carol Stream, we have split the tree population into 8 “classes” of 6” diameter increments. This tells us how many trees are in each “age class”. Because trees are measured by Diameter at Breast Height (DBH) as a standard measure, this breakdown can help show where trees are in their life cycles. Some trees like Cottonwood and Silver Maple grow in diameter very quickly, up to 1” per year or possibly more. Other slower growing trees such as Oak and Hickory may only add ¼” or less every year. As a broad generalization, it can be said that most trees on average grow at around ½” per year.

This age class analysis chart illustrates a somewhat typical trend in the overall age spread of a tree population seen in a municipal setting. Often, we see many trees being younger to middle aged and a relatively lower number of trees in the older age categories. The Carol Stream tree population is largely young with almost 75% of tree population measuring less than 13” DBH, an indication of recent commitment to continual tree planting, as evidenced by the number of trees in the 1-12” ranges. As shown above, 43% of the total population has a DBH of 6” or less which we generally consider to be less than about 15 years old. It is assumed that most trees grow on average approximately ½” per year, although that figure varies significantly depending on the species in question. Nearly 32% of Carol Stream’s trees have a DBH of 7-12” which are generally considered to be about 15-25 years old. The 13-18” DBH category makes up less than 20% of the population and is considered to be approximately 25-35 years old. The 401 trees (less than 5%) in the 19-24” DBH category are generally mature trees over 35-45 years old.

VILLAGE OF CAROL STREAM URBAN FOREST MANAGEMENT PLAN

Trees measuring 19-24" DBH account for almost 5% of the total tree population. The 215 trees in the 25" + DBH categories are considered to be about 45-50+ years old. Many of these may be nearing the end of their natural life. Almost a quarter of these trees are in below average or worse condition. It should be mentioned that the number of trees in the 30" + categories are often lower due to the natural senescence and ensuing decline of trees in urban settings. An equal number of trees in each age class is desirable and indicative of a consistent focus on tree planting and maintenance. As the younger trees continue to grow, Carol Stream will have an opportunity, over time, to bring the tree age classes to a more balanced level. Going forward, Carol Stream should continue to take a targeted approach when it comes to choosing new species to plant in its parkways and focus on planting a wider variety of tree species and genera.

The table of Carol Stream's population growth since 1960 is shown at the right, and it is apparent that the growth in the number of trees on the Village ROWs increases around the same time as the population of the Village was increasing dramatically. For the Village, population growth spiked between 1980 and 2000. This corresponds directly with the increase in tree planting between 7-18" diameter inches ago, which equates to 20-40 years ago, in tree terms.

YEAR	POPULATION
1960	836
1970	4,434
1980	15,472
1990	31,716
2000	40,438
2010	39,711
2020	39,203

Arborist Recommendation / Maintenance



During the inventory, the Forestry Consultant's staff recorded an Arborist Recommendation for each tree which outlines what maintenance work needs to be performed in the coming years.

In terms of Arborist Recommendations of maintenance needs in the Carol Stream tree population, the statistics displayed above show that almost a quarter of the population is recommended for a mitigation other than cycle prune. Most importantly, 278 trees are recommended for removal. The 278 trees in the "Remove" sets include a variety of tree species which have declined or developed structural defects and are beyond the point of salvaging and are prioritized into 3 levels. The remaining categories were used to indicate trees in need of maintenance which should be prioritized over those in the Cyclical Prune category and will be discussed briefly below.

The 276 trees in the "Prune-Priority" group and the 14 trees in the "Prune-Dead Limb" group are trees which are simply overgrown, or have parts which need to be removed promptly, and should have pruning prioritized over the trees in the cyclical prune set. Generally, we consider this to be a "within 1-3 years" level of pruning.

The 197 total trees in the "Monitor-Annual" category and the 176 trees in the "Monitor-Long-Term" can be viewed as being in a transitional phase and did not properly belong into the other recommendation categories. For the most part, the tree has a notable defect and/or shows signs of developing structural issues, pest or pathogen problems, or general decline which should be observed. These trees should be reassessed periodically, and their maintenance status updated appropriately when necessary.

Trees categorized as "Prune-Train" are typically trees smaller than about 6" DBH and have structural issues or are overgrown and require selective pruning to establish better architecture in the future. Establishment pruning, or the pruning of young trees to establish proper branching habit and structure, is one of the least expensive yet most effective maintenance items that can be performed on a young tree.

The 19 trees in the "Maintenance-Other" category typically need some other form of maintenance not covered in the rest of the categories, mostly the removal of girdling objects, anchor staking, or no longer needed trunk wrapping. A description of the maintenance needed should be found in the reasons or comments field.

There is 1 tree recommended for a standard risk assessment. This is a tree of higher quality which has developed defects and require a more in-depth inspection and analysis to determine Carol Stream's risk tolerance threshold and the need for mitigation efforts. It is recommended that a Level 2 Basic or Level 3 Advanced Risk Assessment be performed on these trees (per TRAQ or ANSI A300 Pt 9 Standards), or equivalent (ISA Tree Risk BMP methodology, Matheny and Clark, etc).

It should be noted that trees are complex living organisms. Maintenance recommendations, tree condition, and tree risk ratings may not always be in agreement with one another. For example, a tree may be high risk because of one dead limb. Once that limb is pruned off, the tree may be low risk, and therefore not be a removal. Please bear this in mind when considering the charts in this section.

Risk Assessments

Each tree inventoried was subject to a rapid tree risk assessment. The International Society of Arboriculture has a professional qualification program called “TRAQ” (Tree Risk Assessment Qualification) which uses specific information for assessing how much risk a tree poses. The Forestry Consultant’s staff used a rapid tree risk assessment based on this protocol. Such rapid assessments are used in applications such as disaster relief assessments after extreme weather events where tree risk must be documented, but time frames are very short. For this reason, we must state unequivocally that these assessments are NOT meant to be legally binding, and do not represent a full TRAQ evaluation of the level of risk individual trees may pose.



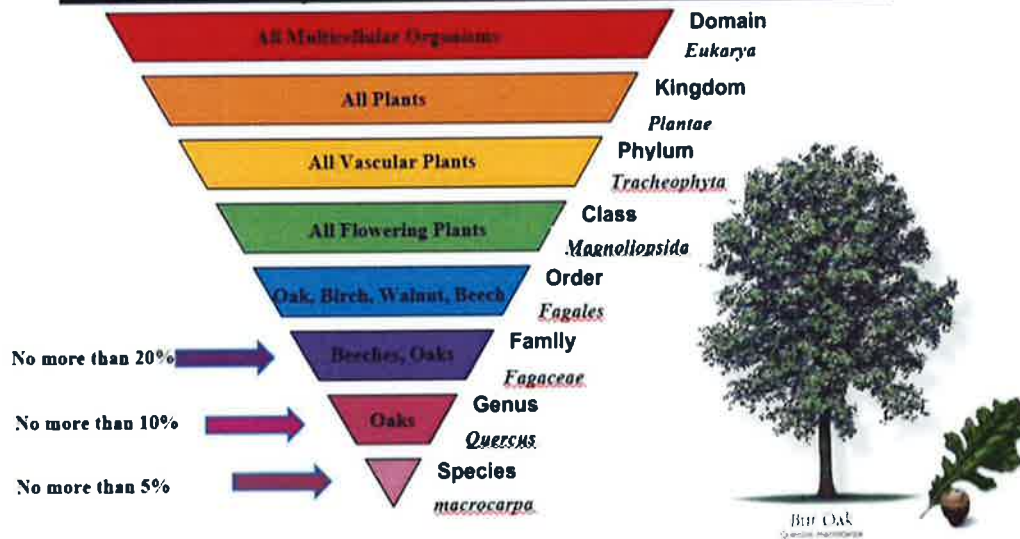
As illustrated in the chart above, the majority of Carol Stream’s inventoried trees were found to have no observable risk level. The 3 trees that fall into the critical risk level category should receive immediate mitigating actions. All of these trees are recommended for priority removal. Of the 33 trees falling into the substantial risk category, 21 are recommended for priority removal, 11 are recommended for standard removal, and 1 is recommended for prompt pruning of a large dead limb. There are 210 trees that were found to pose an elevated risk. Of these 210 trees, 37 can have the risk mitigated through pruning and 80 are recommended for removal. A mature White Oak in the elevated risk category is recommended for an ISA Basic Risk Assessment. The remaining 92 trees have defects that should be monitored, and a threshold of risk tolerance established. Some of the other trees which were assigned a risk rating and are recommended for monitoring may also be considered for a Level 2 Risk Assessment if the tree is a higher-quality species or if the tree has a high location value.

It is important to mention that the trees in the elevated risk category do not necessarily pose an immediate threat, however they have defects that have an elevated potential to worsen. Great Lakes Urban Forestry Management would be pleased to assist Carol Stream in performing Level 2 Basic Risk Assessments or Level 3 Advanced Risk Assessments. A Tree Risk Assessment Policy will be discussed in more detail later in this UFMP.

Diversity Analysis

Taxonomy is the method by which scientists classify plants, animals, and other life forms into distinct categories. A species is unique. There is only one type in that category, such as Bur Oak (*Quercus macrocarpa*), which refers to only one specific type of tree. A genus, however, is a group that may contain multiple species. All Oak trees, for instance, are in the genus *Quercus*. The further down the taxonomic ladder you go, the more similar things become.

Taxonomy and the 20-10-5 Rule



The more similar tree species are to each other, the higher the likelihood that an insect or pathogen can exploit every species of that genus. Emerald Ash Borer is a classic example of this, as it affected every tree species in the ash genus. The most effective prevention of tree loss we have is to limit the number of trees planted that a new pest or pathogen can affect. While diversity at the species level is important, it is also important to achieve diversity on the genus and family levels, so that a large selection of trees are planted.

The "20-10-5" rule for Carol Stream's future tree plantings is recommended, which states that no more than 20% of any one family, 10% of any one genus, and 5% of any one species shall be planted during any one planting cycle. It will also be a long-term direct goal of the tree management program to have the tree population as a whole in compliance with the 20-10-5 Rule, although it is unlikely possible by the 2031 date used in this document. This level of taxonomic diversity is consistent with today's arboricultural industry standards (see above graphic).

The old paradigm of urban forestry was to create tree lined streets and parks in which every tree was the same type, shape, age, and height. This was thought to produce a uniform appearance. Urban foresters have now learned that once a pest or pathogen is introduced into a monoculture planting such as this, an epicenter of infestation is created that may cause serious damage, both ecologically and financially. Diversity in the urban forest helps to prevent and reduce the impacts of pests and pathogens. There are three aspects of diversity in the urban forest. We will examine these in detail, below.

Taxonomic (Species) Diversity

Why is it important to plant a diverse set of trees at the species, Genus, and Family levels? Simply put, it is to ensure that we will not fall victim to mass tree loss from pests and pathogens in the future. The reason Emerald Ash Borer (EAB) was such a devastating expense for many organizations was because their tree populations were composed of over 20% Ash trees. When these trees died and had to be removed, those organizations lost 20% of their trees. In Carol Stream, Ash trees made up approximately 30% of the entire urban forest. The Village had a remarkable response to the EAB infestation, and successfully removed around 3,000 Ash trees and replaced them with 3,200 trees.

This comes with the obvious expenses of having to remove these trees and replace them. But it also comes with hidden expenses as well, namely the loss of the ecological services that those trees provided: Homes cost more to heat and cool, storm water infrastructure falls under heavier pressure, and increases in pollutants and greenhouse gases may be observed. For all of these reasons, a more diverse group of trees needs to be planted, such that we are never at risk of losing more than 5-10% of our trees at any given time due to a pest or pathogen.

As will be discussed in further detail below, the tree population in Carol Stream is by far dominated by Maple species and Honeylocust trees. In decreasing numbers, the remaining next top 5 include species of Linden, Oak, Callery Pear, Elm, and Hackberry.

Spatial Diversity

Spatial diversity is the concept of mixing tree species over the whole geographic area. The easiest way to slow the spread of any new pest or pathogen is to increase the distance between potential host trees. Every pest or disease, such as EAB or Dutch Elm Disease (DED), has a limited area to which it can spread in a given time frame. The more difficult it is to get to the next host tree, the less of a problem the pest or pathogen becomes, and the easier quarantine becomes.

In addition to the functional benefits provided by increasing spatial diversity, organizations which have implemented diverse planting over the past several decades have demonstrated that such diversity yields an arboretum-like landscape that is both functional and aesthetically pleasing. At present, the Spatial Diversity in Carol Stream is relatively low due to the considerable number of Maples and Honeylocusts. During the tree planting planning phase, extra care should be taken to ensure that new plantings are done in a manner that yields a highly spatially diverse tree population, and creation of areas of low spatial diversity (monocultures) will be avoided.

Age-Class Diversity

Age-class diversity is also an important consideration. A healthy natural forest has trees of many ages. Young, intermediate, and mature trees allow for regeneration, replacement, and vigor in the overall forest community. A mixture of tree species, locations, and ages will lead to great diversity, which insulates a natural forest against pest and pathogen outbreaks. The Urban Forest is no different. The outdated urban forestry paradigm promoted even-aged tree plantings, so that all trees were approximately the same size and age. However, once these trees begin to decline, most will require removal and replanting simultaneously. This can leave an entire street segment or neighborhood without shade and aesthetics for a long time.

The current approach of the urban forestry community is to strategically plant trees on streets or in neighborhoods over a longer timeframe. With this strategy, trees will grow to maturity in different stages, and decline at different times. When declining trees are eventually removed, there will always be a variety of age classes and tree sizes on a block or in a neighborhood. This reduces the pressure to plant trees in an area immediately after tree removal, helping to manage costs. A mixed age-class planting ensures that mature trees are always present in a neighborhood. It also will allow for strategic planting of smaller or medium-sized trees.

An additional benefit of mixed-age plantings is the ability to plant shade-loving trees as well as sun-loving trees. When a street or neighborhood is newly planted with trees of the same age, all the trees are essentially in full sun. This reduces the ability to plant shade-loving trees, as they tend to dry out in the summer sun. With mixed-age stands, shade-tolerant trees may be planted underneath the canopy of larger, mature trees. This approach may be used, where practical, to help to create an Urban Forest that has mature trees, middle aged trees, and young trees in similar quantities.

Current Tree Population

<u>SPECIES</u>	<u>COUNT</u>	<u>% OF TOTAL</u>	<u>AVG DBH</u>	<u>AVG COND</u>
HONEYLOCUST	1477	17.93%	12.86	2.79
MAPLE-AUTUMN BLAZE	672	8.16%	6.85	3.00
LINDEN-LITTLELEAF	656	7.96%	9.07	2.97
MAPLE-NORWAY	645	7.83%	11.13	3.13
MAPLE-RED	631	7.66%	6.37	3.05
PEAR-CALLERY	582	7.07%	6.72	3.04
ELM-HYBRID	448	5.44%	7.49	2.89
MAPLE-SILVER	319	3.87%	21.84	2.98
LINDEN-AMERICAN	312	3.79%	8.94	2.84
MAPLE-SUGAR	276	3.35%	5.50	3.03
HACKBERRY	206	2.50%	5.00	2.96
KENTUCKY COFFEETREE	176	2.14%	4.37	2.99
OAK-RED	167	2.03%	5.38	2.98
OAK-SWAMP WHITE	152	1.85%	7.80	2.82
OAK-CHINQUAPIN	107	1.30%	4.07	2.99
CATALPA	99	1.20%	6.85	2.95
LILAC-TREE	80	0.97%	2.79	3.04

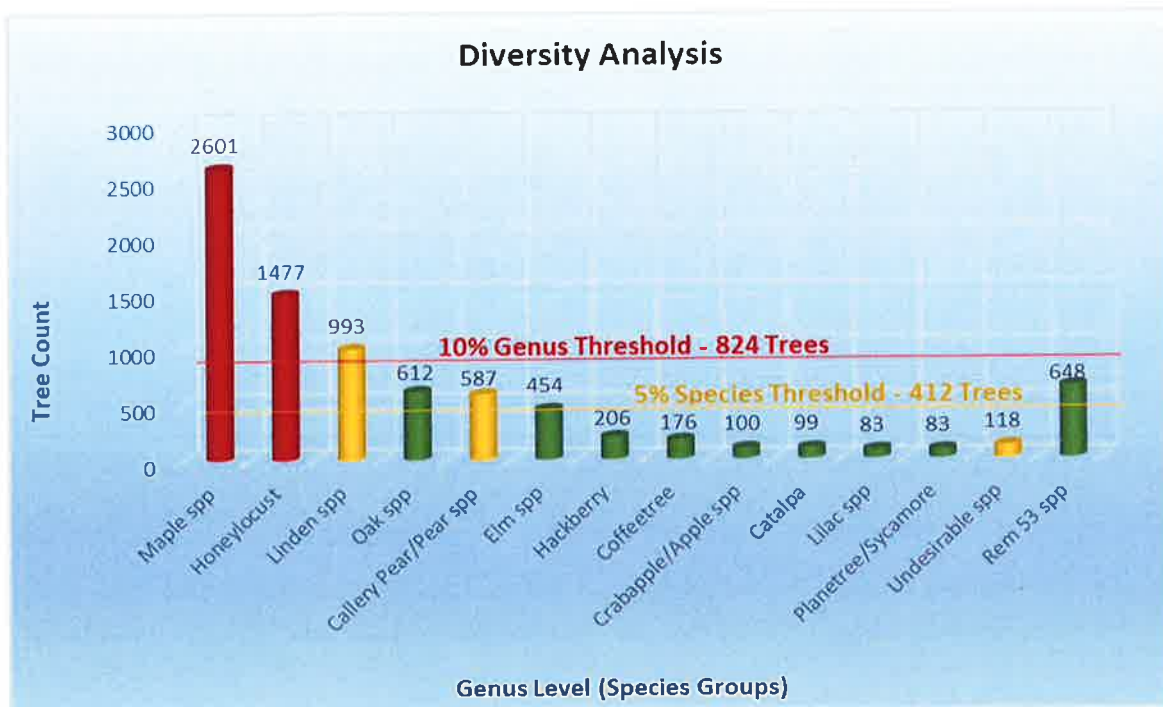
VILLAGE OF CAROL STREAM URBAN FOREST MANAGEMENT PLAN

SPECIES	COUNT	% OF TOTAL	AVG DBH	AVG COND
APPLE-CRAB SPP	76	0.92%	7.86	3.00
LONDON PLANETREE	73	0.89%	6.81	2.90
OAK-ENGLISH	72	0.87%	4.65	3.00
OAK-BURR	52	0.63%	8.90	2.96
BIRCH-RIVER	50	0.61%	9.72	3.16
SERVICEBERRY-SPP	47	0.57%	6.15	3.15
ASH-WHITE	44	0.53%	12.80	3.18
GINKGO	42	0.51%	3.60	3.07
ELM-SIBERIAN	40	0.49%	17.23	3.08
SPRUCE-BLUE	40	0.49%	12.55	3.15
BALDCYPRESS	39	0.47%	8.41	2.92
ASPEN-QUAKING	36	0.44%	3.11	3.00
HAWTHORN-SPP	34	0.41%	5.91	3.12
EASTERN REDCEDAR	33	0.40%	10.27	3.00
MAPLE-MIYABEI	33	0.40%	5.36	2.97
PINE-AUSTRIAN	28	0.34%	12.89	3.39
OAK-PIN	27	0.33%	13.70	2.96
ASH-GREEN	25	0.30%	11.24	3.36
APPLE-EDIBLE	24	0.29%	4.33	3.13
DOUGLAS FIR	24	0.29%	10.04	2.96
MULBERRY-SPP	23	0.28%	18.78	3.43
LINDEN-SILVER	21	0.25%	8.14	2.95
ARBOR VITAE	19	0.23%	6.21	3.05
BUCKTHORN	19	0.23%	5.26	3.58
DAWN REDWOOD	17	0.21%	8.24	3.00
OAK-SHINGLE	17	0.21%	4.82	3.12
OAK-WHITE	13	0.16%	17.54	2.85
SPRUCE-NORWAY	13	0.16%	8.23	2.92
ALDER-SPP	12	0.15%	13.92	3.08
HAWTHORN-WASHINGTON	10	0.12%	10.90	3.80
SPRUCE-WHITE	10	0.12%	6.30	3.10
SYCAMORE	10	0.12%	22.50	1.90
ZELKOVA	10	0.12%	11.50	2.70
ASPEN	9	0.11%	3.44	3.11
CHERRY-SPP	9	0.11%	8.89	3.00
MAPLE-AMUR	9	0.11%	6.33	3.11
BOXELDER	8	0.10%	19.00	3.25
MAPLE-BLACK	8	0.10%	3.13	3.13
BUCKEYE-OHIO	7	0.08%	7.43	3.00
COTTONWOOD	7	0.08%	23.00	3.29
WILLOW-SPP	7	0.08%	26.14	3.86
BIRCH-WHITE	6	0.07%	12.67	3.00
MAGNOLIA-CUCUMBER	6	0.07%	4.33	3.00
ROSE OF SHARON	6	0.07%	5.17	3.17
TULIPTREE	6	0.07%	3.17	3.50
WALNUT-BLACK	6	0.07%	14.33	3.17

VILLAGE OF CAROL STREAM URBAN FOREST MANAGEMENT PLAN

<u>SPECIES</u>	<u>COUNT</u>	<u>% OF TOTAL</u>	<u>AVG DBH</u>	<u>AVG COND</u>
WILLOW-WEeping	6	0.07%	28.83	3.67
DOGWOOD-SPP	5	0.06%	2.60	3.20
HAWTHORN-COCKSPUR	5	0.06%	6.20	3.20
MAGNOLIA-SPP	5	0.06%	4.20	3.00
MAPLE-HEDGE	5	0.06%	5.40	3.00
PEAR-EDIBLE	5	0.06%	2.80	3.00
PINE-WHITE	5	0.06%	6.00	3.20
PLUM-SPP	5	0.06%	4.80	3.20
SPRUCE-SPP	5	0.06%	9.80	4.20
EUONYMUS	4	0.05%	3.75	3.00
LINDEN-SPP	4	0.05%	3.00	3.00
OAK-CHESTNUT	4	0.05%	5.00	3.00
AMERICAN REDBUD	3	0.04%	14.33	3.00
BLACK LOCUST	3	0.04%	22.67	3.67
CHERRY-BLACK	3	0.04%	14.67	3.33
ELM-AMERICAN	3	0.04%	19.33	3.00
ELM-ENGLISH	3	0.04%	4.00	3.00
LILAC-SHRUB	3	0.04%	6.67	3.33
ASH-BLUE	2	0.02%	12.00	2.50
MAGNOLIA-STAR	2	0.02%	4.00	3.00
MAPLE-JAPANESE	2	0.02%	2.00	3.00
SWEETGUM	2	0.02%	9.50	3.00
WITCH HAZEL	2	0.02%	6.50	3.00
YEW	2	0.02%	9.50	3.00
AMERICAN HORNBEAM	1	0.01%	3.00	3.00
APRICOT	1	0.01%	2.00	3.00
BEECH-EUROPEAN	1	0.01%	7.00	3.00
BIRCH-GRAY	1	0.01%	10.00	3.00
BLACKGUM	1	0.01%	1.00	3.00
BURNING BUSH	1	0.01%	5.00	3.00
DOGWOOD-CORNELIANCHERRY	1	0.01%	2.00	3.00
HONEYSUCKLE	1	0.01%	8.00	3.00
IRONWOOD	1	0.01%	4.00	3.00
KATSURA	1	0.01%	3.00	4.00
MAPLE-SPP	1	0.01%	2.00	5.00
OAK-SAWTOOTH	1	0.01%	3.00	3.00
PINE-MUGO	1	0.01%	9.00	3.00
PINE-SCOTCH	1	0.01%	15.00	3.00
POPLAR-WHITE	1	0.01%	5.00	3.00
UNKNOWN	1	0.01%	2.00	5.00
VIBURNUM	1	0.01%	8.00	3.00

As shown in the table above, the Carol Stream’s tree population consists of 104 distinct, individual tree species, accounting for 8,237 total trees, which is very good diversity for a moderately sized municipal tree population. The above table shows the percent of the total population each species makes up, as well as the average Condition and Trunk Diameter. To see which trees are performing well, we would look for trees with a Condition rating of greater than 3 and with a large DBH. This population is shown graphically below:



As previously mentioned, a genus is a group that may contain multiple species. For example, all Maples are in the genus *Acer*. For the purposes of these diversity charts, an analysis was essentially made at the genus level and species belonging to particular genera were grouped together for a statistical comparison. As can be seen above, the tree population in Carol Stream is very good overall, but by far is dominated by the Maple genus which includes the 11 individual Maple species found in the Carol Stream tree population. In decreasing numbers, the remaining top 5 genera, or species groups, include Honeylocust, and species of Linden, Oak, Pear, and Elm. From there, the number of tree species representing more than 1% of the total tree population drops off steadily.

Maple species account for almost one-third of Carol Stream’s tree population. It should generally be said that reducing the number of Maples overall while increasing lesser represented species should be a strategic goal, and our Diversity Vision will help to accomplish this. Honeylocust trees also well exceed the recommended 5% species threshold and account for almost 18% of the total population. Another species that exceeds the recommended 5% species threshold is the Callery Pear. Callery Pear is currently on the Morton Arboretum’s “not recommended” list and may be listed as an invasive species in the near future due to its tendency to spread aggressively, therefore new plantings are discouraged.

A long-term tree planting plan would be an invaluable tool for Carol Stream to pursue in the future. Such a plan would not only further improve overall diversity, but also maximize the lifespan of trees on the parkways by carefully matching tree species requirements and tolerances with each individual planting site. Trees that are well adapted to their growing conditions will establish more quickly, require less maintenance, be healthier overall, and more resistant to disease and insect problems. By matching the right trees with the right planting spaces using a tree planting plan, the Village can help protect its investment in each new tree.

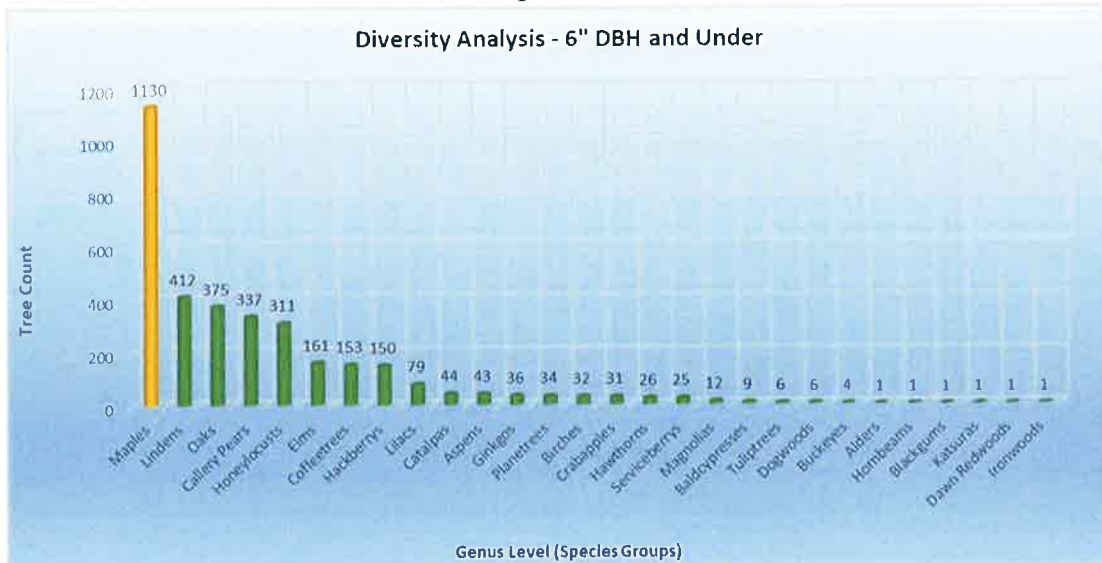
Going forward it is recommended that the Village sets a goal to limit widespread planting of Maple species and to opt for improved varieties of Maple species when necessary.

Additionally, the 118 trees in the “Undesirables” category include trees such as Buckthorn, Cottonwood, Siberian Elm, Mulberry, Black Cherry, White Poplar, Boxelder, Black Locust, and Willow spp. These trees are known for either being invasive or weak-wooded trees that often develop a variety of structural defects as they mature. For safety, aesthetic, and ecological reasons, it is recommended that the Village set a goal of gradually reducing the number of undesirable trees on its parkways as they decline or develop structural defects and replanting them with a diverse set of tree species to increase overall diversity and improve tree population stability.

Although Carol Stream’s diversity is quite good overall (with the exception of the Maples), the Village has a number of species to choose from which are commercially available and underrepresented in their population. As mentioned above, the Urban Forest Management Plan will lay out strategies to even further improve diversity, and we will examine the specific species recommended in the “Future of the Urban Forest” Section below.

Young Tree Diversity

This Management Plan has spent significant time discussing the existing diversity. It should be noted that the diversity of new plantings has been much improved, as can be seen from the chart showing all trees 6” in diameter and less below, which represents trees planted in the last 10 years or so.



As shown above, Maples are still by far the most highly represented species even among the younger population and it is recommended that this trend be curtailed. In addition, the planting of more, and more diverse, sets of smaller ornamentals other than Lilacs, Crabapples, and Hawthorns is suggested in order to contribute to the multilayered canopy mentioned previously and to increase small species diversity.

iTree Report / Urban Tree Canopy Assessment

iTree is a state-of-the-art, peer-reviewed software suite from the USDA Forest Service that provides Urban Forestry analysis and benefits assessment tools. The iTree tools help communities of all sizes to strengthen their forest management and advocacy efforts by quantifying the structure of trees and forests, and the environmental services that trees provide.

The iTree suite calculates hard dollar values that trees provide to communities. Trees provide “ecological services” that may save homeowners money, such as in heating and cooling costs, where large trees help shade houses in the summer, saving on air conditioning and electricity bills, and provide windbreaks during the winter, saving on heating and natural gas costs. They also provide CO2 uptake, reducing the effects of climate change, as well as air quality improvements by the absorption of urban pollutants. Trees also absorb stormwater, which reduces strain on stormwater infrastructure, and may save money in replacement costs. Finally, trees can contribute up to 15% of the total value of a property, so they have monetary aesthetic benefits as well. Although this plan focuses only on parkway trees, neighborhoods with tree lined parkways often may have higher property values than neighborhoods devoid of many public trees.

Using the data from the tree inventory, several iTree reports have been prepared for the Village. Below you will find reports on the Net annual benefits of the tree population, replacement values, and breakdown of benefits per species. We performed both the iTree Streets analysis which looks primarily at energy savings, and an iTree Eco analysis which focuses more on ecological benefits such as Carbon Storage and Sequestration. The results of these analyses are below, and full tables and iTree Reports are available.

iTree Streets Analysis Results

Carol Stream						
Total Annual Benefits, Net Benefits, and Costs for Public Trees						
9/20/2021						
Benefits	Total (\$)	Standard Error	\$/tree	Standard Error	\$/capita	Standard Error
Energy	54,158	(N/A)	6.57	(N/A)	1.38	(N/A)
CO2	12,356	(N/A)	1.50	(N/A)	0.32	(N/A)
Air Quality	12,720	(N/A)	1.54	(N/A)	0.32	(N/A)
Stormwater	468,175	(N/A)	56.84	(N/A)	11.94	(N/A)
Aesthetic/Other	549,447	(N/A)	66.70	(N/A)	14.02	(N/A)
Total Benefits	1,096,855	(N/A)	133.16	(N/A)	27.98	(N/A)

iTree Eco Analysis Results

- Number of trees: 8,237
- Tree Cover: 56.42 acres
- Most common species of trees: Honeylocust, Silver maple, Littleleaf linden
- Percentage of trees less than 6" (15.2 cm) diameter: 43.0%
- Pollution Removal: 1.495 tons/year (\$19.1 thousand/year)
- Carbon Storage: 1.975 thousand tons (\$337 thousand)
- Carbon Sequestration: 53.25 tons (\$9.08 thousand/year)
- Oxygen Production: 142 tons/year
- Avoided Runoff: 130.6 thousand cubic feet/year (\$26.4 thousand/year)
- Building energy savings: N/A – data not collected
- Avoided carbon emissions: N/A – data not collected
- Structural values: \$6.64 million

Total Standing Eco Value of Carol Stream's Trees **\$6,977,000**

Total Annual Eco Value of Carol Stream's Trees **\$71,326/year**

To summarize all of these values together, we have created the following table:

<u>Annual Values</u>	
Benefits to Residents	\$1,096,855/year
Benefits to Environment	\$71,326/year
SUBTOTAL (Each Year)	\$1,168,181/year
<u>Standing Values</u>	
As a Commodity	\$6,210,087
As an Ecological Resource	\$6,977,000
SUBTOTAL	\$13,187,087

As can be seen from the above tables, the tree population in the Village of Carol Stream currently provides approximately \$1,168,181 in benefits every year, directly related to trees and their effect on homes, businesses, and the environment.

It should be noted that the annual budget for all forestry activities recommended in this plan, projected for the calendar year 2032, will total approximately an average of \$160,000 per year, so the benefits from the tree population are worth over 7 times what the annual cost put into them is. We will examine this further below. In addition, the total standing value as a commodity and an ecological resource of the whole tree population is \$13,187,087.

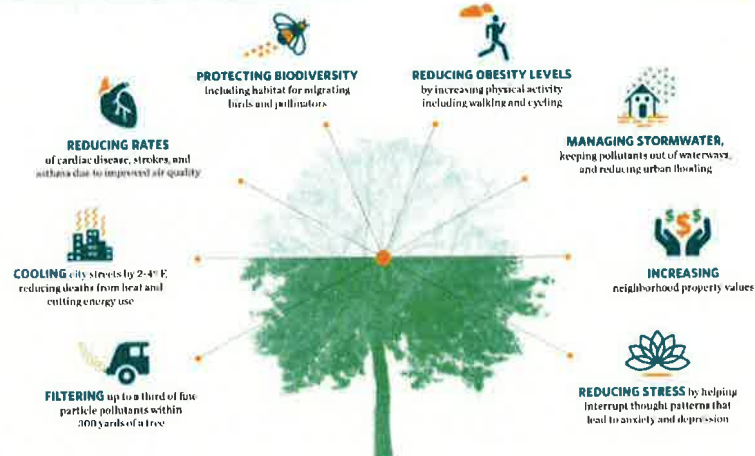
These benefits can be viewed as “income” to Carol Stream’s residents, and so long as the trees are well maintained, they will continue to provide these benefits, and more. As trees grow, they also increase their benefits. For example, a 3” diameter tree provides less than \$50/year in gross benefits, whereas a 20” tree can provide up to \$500 gross benefits per year. The goal is to increase benefits even more, where the tree population pays for itself and even yields “profits”.

The replacement value of trees was also calculated. Currently, the standing value of all trees in the Village of Carol Stream population is \$6,210,087. This value is calculated using the industry standard reference, the 9th Edition *Guide to Tree and Landscape Appraisal*, which is published by the Council of Tree and Landscape Appraisers.

The iTree Eco data looks at the value of the trees in the absence of the effect of homes or businesses, and looks at trees more from an ecological perspective, mostly what the tree’s value is in sequestering and storing carbon. These numbers are based on peer reviewed science in both arboriculture as well as climatology and other disciplines.

Benefits of Urban Trees

Research has linked the presence of urban trees to...



Below are several examples of Ecological Services provided by trees:

Energy Savings: During the summer when temperatures are warm, trees create shade, and temperatures are cooler in the shade. Cooler temperatures cause air conditioners to have to work less, which reduces the amount of energy a household uses. During the winter when temperatures are cold, winter winds cool your home quickly. Trees act as windbreaks, causing heating systems to use less natural gas, saving energy and money.

Carbon Dioxide (CO2): The amount of CO2 which is put into the atmosphere each year has a direct correlation with global climate change. That change causes more severe storms, greater drought conditions, and many other costly outcomes. Reducing CO2 from our atmosphere lessens these effects. Trees uptake CO2 and act as a carbon sink, putting carbon into long term storage in its woody tissues, removing it from our atmosphere, creating a net benefit to society, and saving money.

Air Quality: Industrial processes and vehicle emissions put pollutants into our air. These pollutants can cause or worsen health conditions such as heart disease, asthma, and lung disease. In addition, these pollutants can mix with water in the atmosphere and create nitric and sulfuric acid, causing acid rain, which can destroy fisheries and contaminate water supplies. Trees absorb these compounds with their leaves and other tissues, and prevent them from remaining in the atmosphere. Reductions in these pollutants results in overall better health, reducing the cost of healthcare to society, and saving communities money.

Storm water: The cost of delivering fresh water to homes, as well as removing and treating wastewater and storm water, is considerable. One of the greatest costs comes when these systems are overwhelmed, such as during flooding, which can cause millions of dollars of damage to homes and vehicles, or when these systems need to be replaced. Fortunately, trees take water from the soil and put it back into the atmosphere through the process of transpiration. Therefore, the more trees an organization has, the less flooding is an issue, and the less strain is put on storm water infrastructure, resulting in fewer repairs and replacements. In addition, tree canopy slows rainfall's effects on flooding by "intercepting" it with leaves and branches, delaying how quickly rainfall can become floodwater. All of this adds up to savings for an organization.

Aesthetic/Monetary: Up to 15% of the value of a property may be attributed to its trees and other landscaping. Tree lined streets are often found to be more appealing to homebuyers than streets devoid of trees, which may result in increased property values.

The goal of this Urban Forest Management Plan is to create a tree population which maximizes all of these ecological benefits to Carol Stream residents by increasing the number of trees in the Village, and how long they live, while minimizing costs in order to create a healthy, well maintained, and vibrant tree population.

Urban Tree Canopy Assessment

Based on data available from the US Forest Service and Morton Arboretum, the total Urban Tree Canopy of Carol Stream can be determined. This is expressed as the percent of the Village covered by tree canopy from an aerial view. This assessment included 7 total land cover types, including trees, grass and shrub, bare soil, water, buildings, roads/railroads, and other paved surfaces. The result of this tree canopy assessment was that Carol Stream contains 13.35% total tree canopy, (see page 35 for land cover map), compared to other land cover types. This includes all land, both public and private. Canopy cover is different from stocking density as well as different from the planting and diversity projections later in this document which only deal with trees that the Village has direct jurisdiction over on its rights-of-way and Village-owned properties. A link to an interactive Chicago Region Trees Initiative (CRTI) canopy cover map can be found at <http://chicagorti.org/interactivemap>

The tree inventory itself was only conducted on publicly owned land such as parkways and boulevards, etc. Detailed information on each tree is not included in this assessment, only total coverage. Aerial images were used to estimate how much tree and other land cover types were in the Village using a software which is similar to Google Earth or other aerial imagery viewers.

VILLAGE OF CAROL STREAM URBAN FOREST MANAGEMENT PLAN

The goal is to increase the total tree canopy in Carol Stream to 15% by 2032. Part of the 15% goal here is encouraging tree planting on private property by residents and business owners, as well as enhancing the Village’s annual tree planting program. This goal has been estimated by analyzing data from many different urban tree populations in the Chicago region and is based on preliminary data from the Chicago Region Trees Initiative’s (CRTI) Forest Composition Workgroup.

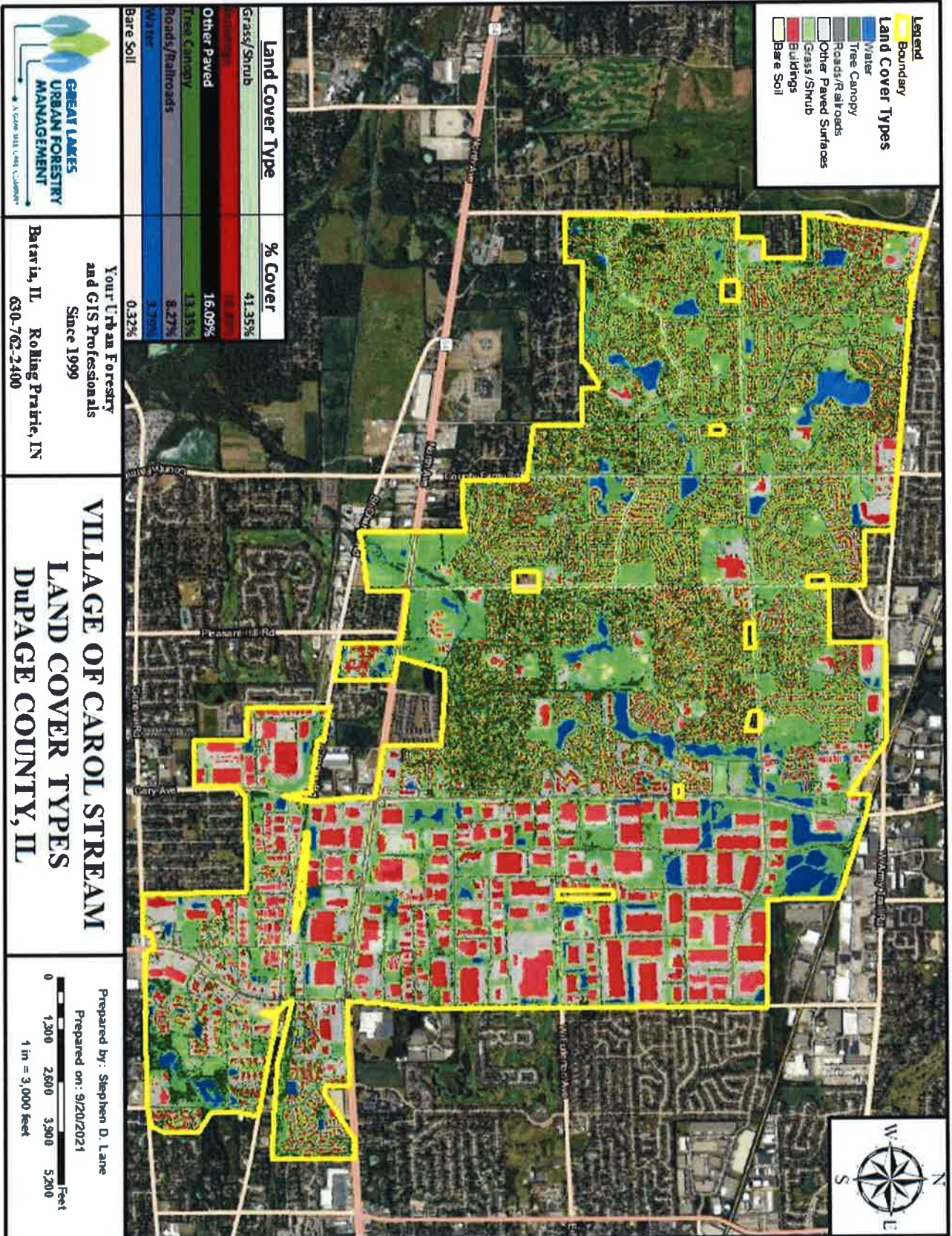
We believe this is an attainable goal over this time period and budget projections for enhancing the Village’s annual tree planting program are included in this Plan (see page 53). Carol Stream has an overall lower amount of tree canopy compared to other similar suburban communities of Chicagoland. However, there are several reasons for this including the devastating tree loss due to the EAB infestation, the considerable square mileage of the Village occupied by industrial properties, and the presence of several state and county roadways that are not maintained by the Village. The goal of 15% is a modest, but reasonable, increase, which will still yield beneficial results.

This will be accomplished through increasing the number of trees on the Village owned rights-of-way and on Village owned properties. It will also be accomplished by continuing to maintain the existing tree population in an appropriate and proactive manner, and enhancing the Urban Forestry program in Carol Stream when there is opportunity to do so. Tree planting and maintenance will also be encouraged on private property, by encouraging residents and business owners to plant trees when possible. Outreach and education will also be provided to residents through events such as Arbor Day and Earth Day celebrations. This goal will be monitored by using aerial imagery analysis like the analysis presented below. Every 10 years, the imagery will be assessed, and a new canopy cover percentage will be calculated for Carol Stream.

As seen on the map on the next page, Carol Stream is home to a significant amount of industrial development surrounded by large grass areas. As mentioned above, Carol Stream has further opportunity to increase tree canopy coverage by exploring ways to encourage its industrial businesses to have trees planted on their large grass areas. Also, several residential neighborhoods in Carol Stream were also categorized as “No Tree” areas where there are standard sized parkways but have virtually no Village trees. Carol Stream can further increase their desired canopy goal by re-evaluating these areas for future tree planting. As previously mentioned, tree-lined streets and their shade-providing canopies can be found to increase property values, which makes this concept worth exploring further.

Land Cover Type	% Cover
Grass/Shrub	41.35%
Buildings	16.83%
Other Paved	16.09%
Tree Canopy	13.35%
Roads/Railroads	8.27%
Water	3.79%
Bare Soil	0.32%

VILLAGE OF CAROL STREAM URBAN FOREST MANAGEMENT PLAN



The Future of the Urban Forest

In this section, a vision of what the tree population of Carol Stream could become by 2032 was created, and compared with the current population. Using the existing data, and the diversity vision, we will then define exactly how Carol Stream can move from where it is now to where it could be.

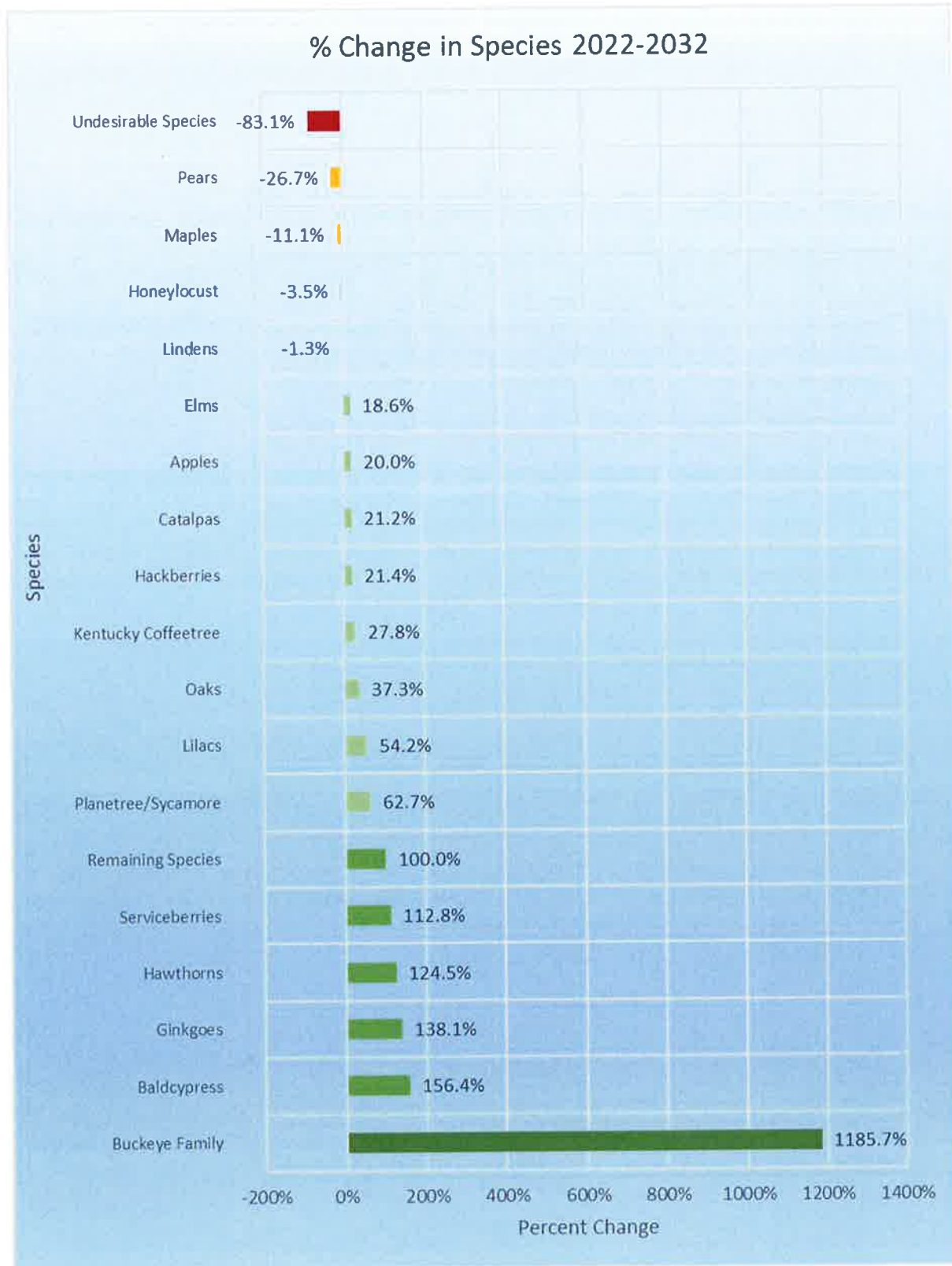
Change in Species Composition 2022 – 2032

The calculations for this change in diversity were performed by hand. Knowledge of the trees, their conditions, what is growing well and what isn't were all used and yielded this forest composition change list. These goals are meant as guideposts, and not absolutes. This Plan, and the species goals are meant to be adaptively managed over time as new information becomes available.

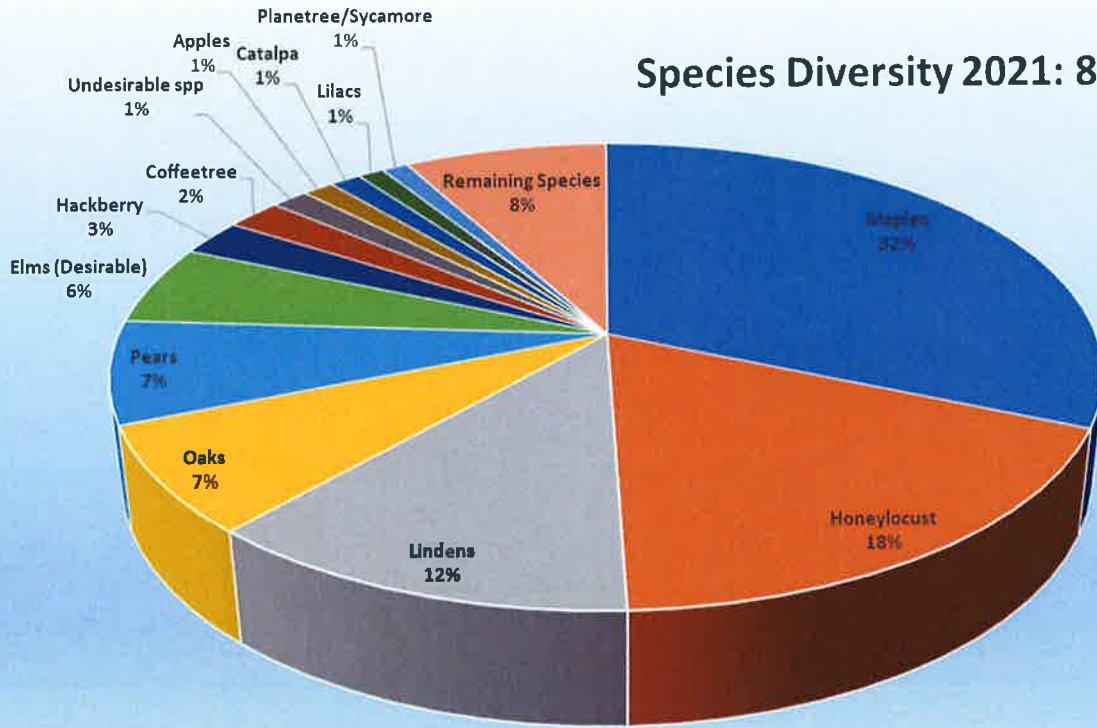
SPECIES	COUNT 2022	COUNT 2032	SPECIES	COUNT 2022	COUNT 2032	SPECIES	COUNT 2022	COUNT 2032
HONEYLOCUST	1477	1425	DAWN REDWOOD	17	30	SWEETGUM	2	30
MAPLE-AUTUMN BLAZE	672	625	OAK-SHINGLE	17	50	MAGNOLIA-STAR	2	10
LINDEN-LITTLELEAF	656	600	OAK-WHITE	13	30	WITCH HAZEL	2	5
MAPLE-NORWAY	645	550	SPRUCE-NORWAY	13	10	MAPLE-JAPANESE	2	2
MAPLE-RED	631	580	ALDER-SPP	12	20	ASH-BLUE	2	1
PEAR-CALLERY	582	425	ZELKOVA	10	40	YEW	2	0
ELM-HYBRID	448	500	HAWTHORN-WASHINGTON	10	30	BLACKGUM	1	30
MAPLE-SILVER	319	200	SPRUCE-WHITE	10	10	IRONWOOD	1	30
LINDEN-AMERICAN	312	300	SYCAMORE	10	10	AMERICAN HORNBEAM	1	30
MAPLE-SUGAR	276	225	MAPLE-AMUR	9	5	BIRCH-GRAY	1	10
HACKBERRY	206	250	ASPEN	9	15	DOGWOOD-CORNELIAN	1	30
KENTUCKY COFFEETREE	176	225	CHERRY-SPP	9	10	KATSURA	1	10
OAK-RED	167	175	BOXELDER	8	0	OAK-SAWTOOTH	1	10
OAK-SWAMP WHITE	152	200	MAPLE-BLACK	8	30	APRICOT	1	0
OAK-CHINQUAPIN	107	130	WILLOW-SPP	7	0	PINE-MUGO	1	0
CATALPA	99	120	BUCKEYE-OHIO	7	30	POPLAR-WHITE	1	0
LILAC-TREE	80	125	COTTONWOOD	7	5	BEECH-EUROPEAN	1	20
APPLE-CRAB SPP	76	100	WILLOW-WEeping	6	0	HONEYSUCKLE	1	0
LONDON PLANETREE	73	125	MAGNOLIA-CUCUMBER	6	15	MAPLE-SPP	1	0
OAK-ENGLISH	72	90	ROSE OF SHARON	6	15	UNKNOWN	1	0
OAK-BURR	52	75	TULIPTREE	6	50	VIBURNUM	1	0
BIRCH-RIVER	50	70	BIRCH-WHITE	6	5	BURNING BUSH	1	0
SERVICEBERRY-SPP	47	100	WALNUT-BLACK	6	5	PINE-SCOTCH	1	0
ASH-WHITE	44	20	DOGWOOD-SPP	5	25	YELLOWWOOD	0	40
GINKGO	42	100	HAWTHORN-COCKSPUR	5	40	AMUR MAAKIA	0	20
ELM-SIBERIAN	40	10	MAGNOLIA-SPP	5	15	BUCKEYE-RED	0	10
SPRUCE-BLUE	40	20	MAPLE-HEDGE	5	25	BEECH-AMERICAN	0	10
BALDCYPRESS	39	100	PEAR-EDIBLE	5	5	BUCKEYE-YELLOW	0	20
ASPEN-QUAKING	36	50	PINE-WHITE	5	5	DOGWOOD-PAGODA	0	20
HAWTHORN-SPP	34	40	PLUM-SPP	5	5	EUROPEAN HORNBEAM	0	20
MAPLE-MIYABEI	33	50	SPRUCE-SPP	5	5	HARDY RUBBERTREE	0	10
EASTERN REDCEDAR	33	25	EUONYMUS	4	0	HORSECHESTNUT	0	30
PINE-AUSTRIAN	28	15	LINDEN-SPP	4	30	HYDRANGEA-TREE FORM	0	10
OAK-PIN	27	30	OAK-CHESTNUT	4	30	LARCH	0	20
ASH-GREEN	25	5	AMERICAN REDBUD	3	30	MAGNOLIA-SAUCCER	0	10
APPLE-EDIBLE	24	20	BLACK LOCUST	3	20	MAPLE-PAPERBARK	0	20
DOUGLAS FIR	24	20	ELM-AMERICAN	3	1	OAK-BLACK	0	20
MULBERRY-SPP	23	5	CHERRY-BLACK	3	0	PAGODATREE	0	10
LINDEN-SILVER	21	50	ELM-ENGLISH	3	3	PERSIAN IRONWOOD	0	20
BUCKTHORN	19	0	LILAC-SHRUB	3	3	PERSIMMON	0	10
ARBOR VITAE	19	15				SMOKETREE	0	10

Actively Reduce	
Maintain Existing	
Modest Increase	
Significant Increase	

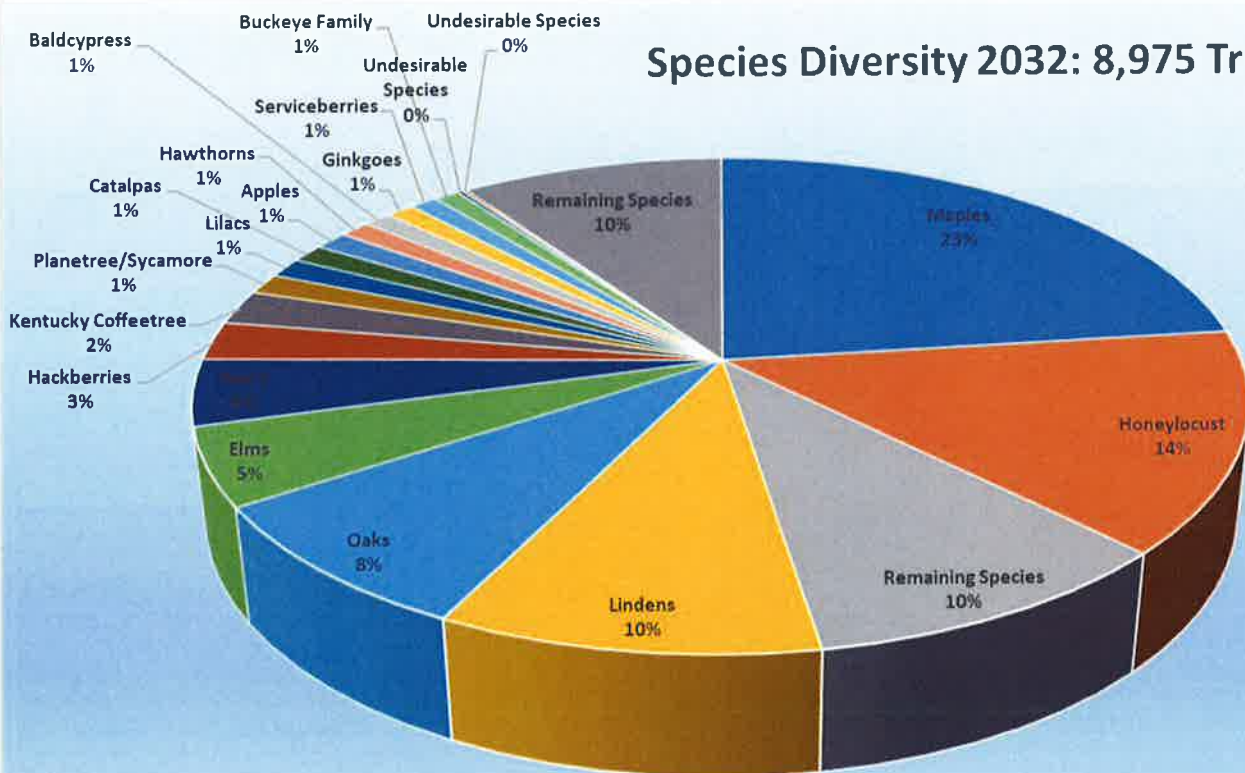
Percent Change in Species Composition 2022 - 2032



Species Diversity 2021: 8,237



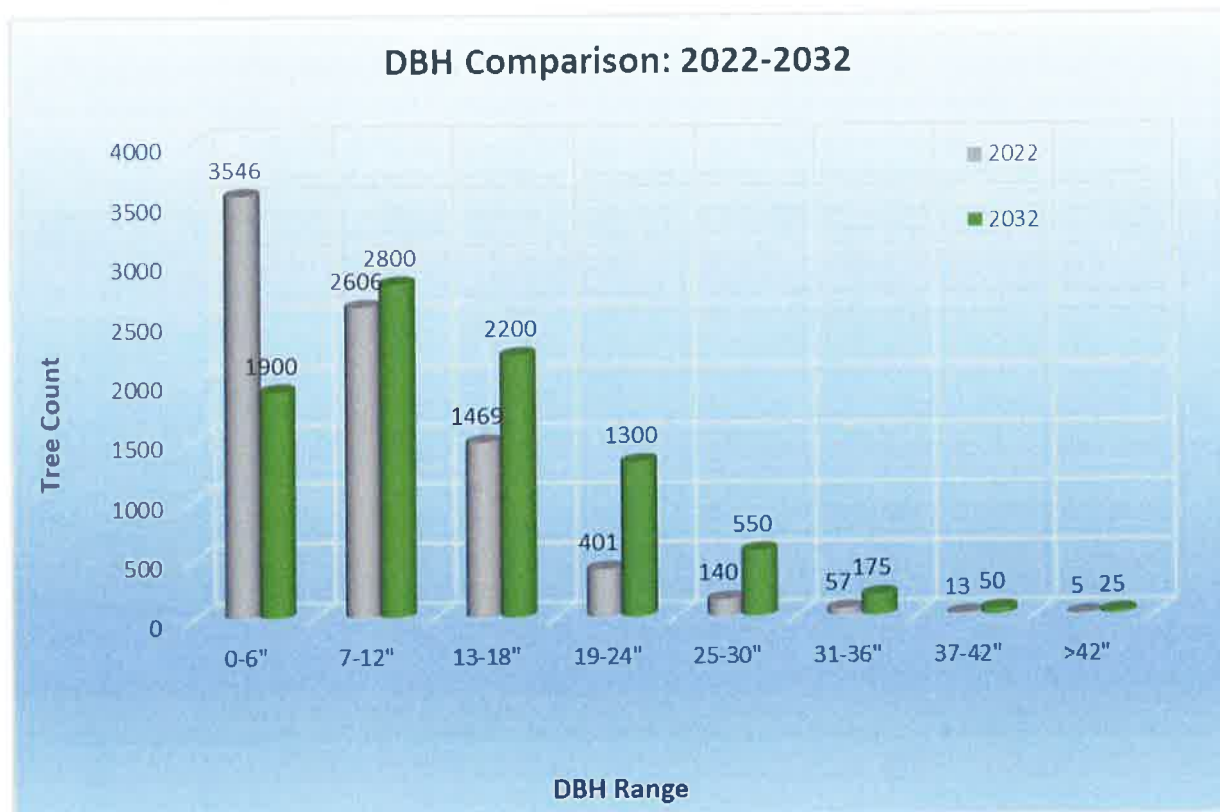
Species Diversity 2032: 8,975 Trees



As can be seen from the above charts showing the change in species composition over the next 10 years, there will broadly be a move away from the overrepresented or lower-quality species discussed above, and a variety of different species, those which are underrepresented or not present in the tree population, will be planted. This will lead to an overall increase from 8,237 to 8,975 trees total on the Village’s ROWs, as well as a change from the current total of 104 species to a total of 109 species. This will result in a more robust and resilient Urban Forest which is resistant to pest and pathogen outbreaks. It will also give Carol Stream an opportunity to apply to certify the Village as an Arboretum through the Morton Arboretum’s ArbNet Certification program, which requires a minimum of 100 species.

The Benefits of Larger, Healthier Trees

Larger trees provide greater benefits to the community: They create more shade to offset cooling costs, absorb more storm water, create greater buffers against cool winter winds for heating costs, and absorb and sequester more carbon than smaller trees do. For the 2032 vision of the tree population, a variety of methods were used to arrive at a reasonable age-class distribution. We used the current population structure, and anticipated high rates of survival based on new planting practices which would involve a “right tree/right site” approach, as well as increased survivorship of existing trees due to a continued high level of proactive management. Predicted growth, survivorship, and eventual tree losses are based on current species composition and future plantings and removals. This allowed the creation of a vision of what the tree population, including species and size, will look like 10 years from now.



It can be seen from the above chart that the existing tree population (grey bars) shows a predominantly young to middle aged tree population with somewhat gradual decreases in numbers of trees through the 13-18" category and a sharp decline in numbers in the larger age class categories. The projected age class chart shows a significant decrease in the smallest age class category over the course of this Plan as the trees currently in this category will mature to move to the next range, and also projects more trees surviving into the older age classes, where they will provide the greatest benefits in terms of ecological services to the community. These DBH change projections are driven purely by the diversity projections presented in the beginning of this section which forecasts somewhat lowering the numbers of some of the over-represented and lower quality species. The table to the right shows this data in a tabular format.

	2022	2027	2032
0-6"	3546	2500	1900
7-12"	2606	3100	2800
13-18"	1469	1600	2200
19-24"	401	1000	1300
25-30"	140	230	550
31-36"	57	100	150
37-42"	13	45	50
>42"	5	10	25

This was based on the fact that maintaining and even enhancing the high levels of care for existing trees would enable them to survive longer. The graph and table show a general expectation of how the changes in tree diameters might change over the next 10 years based on the methods to be applied in this Urban Forest Management Plan. The numbers themselves were projected by hand, based on our prior experience, and the methods are detailed below. If these projections hold, Carol Stream could see a \$460,081 or 39% increase in annual benefits up from \$1,168,181 to \$1,628,262. Standing values of the tree population could increase \$3,637,983 or 28% from their current level of \$13,187,087 to approximately \$16,825,070.

For projections of future age classes of trees, a 1/2" per year growth rate was roughly estimated by assuming that it would take an average tree 10 years to go from one age class to the next (appx 5-6" = appx 10-12 years growth). Also used were the number of trees to be planted and removed annually, as calculated below in the Tree Planting and Tree Removal sections. These numbers were arrived at based on all the above, as well as the best professional opinion of the Forestry Consultant. As time goes by, these projections will likely change. These are rough estimates for the purposes of this Plan.

The overall increase in size of the tree population and diameters of the individual trees will yield a much greater dollar figure when it comes to the ecological services provided, and provide residents with a greater sense of being in an arboretum-like setting when they are enjoying the urban forest.

Return on Investment

Return On Investment (ROI) for an individual tree is strongly favorable over the life of a tree in terms of investment in planting, care, and removal versus the ecological benefits the tree provides. As we strive to justify the expenditures on trees and tree care, it is important that organizations and their staff are aware of this.

VILLAGE OF CAROL STREAM URBAN FOREST MANAGEMENT PLAN

On the following page, we have provided an ROI calculation sheet. This sheet breaks the tree's lifetime down into three phases, based on the anticipated costs of pruning in the budgets sections below. These phases are the young (3-12" DBH), mature (13-24" DBH), and full grown (25-36") ranges shown below.

Data was taken from the iTree algorithm and applied towards the average benefits provided by a tree at each of these life stages, and multiplies it out over the 20 year period each phase accounts for. We also looked at costs for planting, watering, routine maintenance, emergency maintenance, and eventual removal of that tree over 60 years. The results are pictured below, with the calculations on the following page.

Total Investment	\$3,610.00
Total Return	\$10,819.60
Total ROI Over 60 Years	199.71%

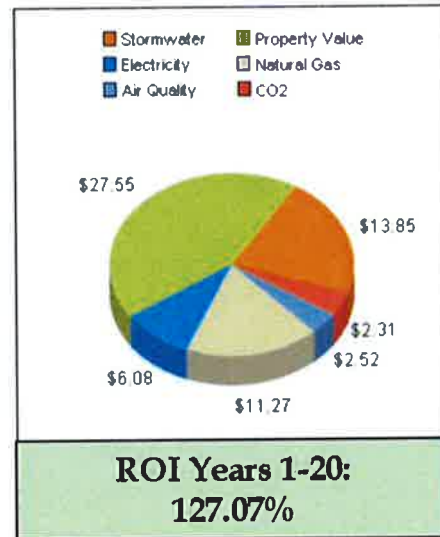
VILLAGE OF CAROL STREAM URBAN FOREST MANAGEMENT PLAN

Return on Investment: Years 1-20 (3-12" Diameter)

Costs

Initial Purchase and Installation	\$300.00
Watering for 2 Years	\$100.00
Pruning - 4x @ \$40/prune	\$160.00
TOTAL INVESTMENT	\$560.00

Benefits	Avg/Year	Over 20 Years
Electricity	\$6.08	\$121.60
Natural Gas	\$11.27	\$225.40
Property Value	\$27.55	\$551.00
Stormwater	\$13.85	\$277.00
Air Quality	\$2.52	\$50.40
CO2 Reduction	\$2.31	\$46.20
TOTAL RETURN		\$1,271.60

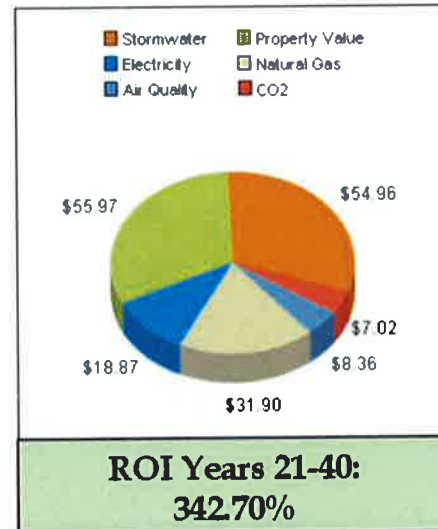


Return on Investment: Years 21-40 (13-24" Diameter)

Costs

Pruning - 4x @ \$75/prune	\$300.00
Emergency Maintenance (2x)	\$500.00
TOTAL INVESTMENT	\$800.00

Benefits	Avg/Year	Over 20 Years
Electricity	\$18.87	\$377.40
Natural Gas	\$31.90	\$638.00
Property Value	\$55.97	\$1,119.40
Stormwater	\$54.96	\$1,099.20
Air Quality	\$8.36	\$167.20
CO2 Reduction	\$7.02	\$140.40
TOTAL RETURN		\$3,541.60

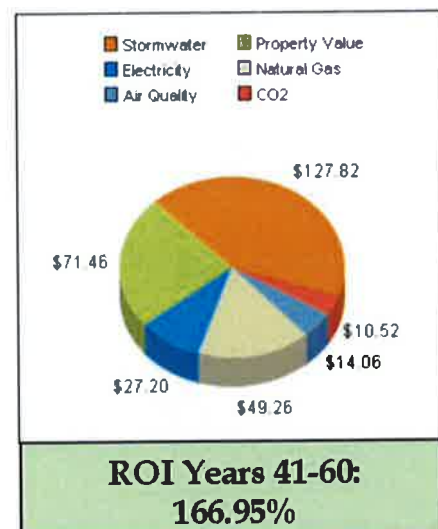


Return on Investment: Years 41-60 (25-36" Diameter)

Costs

Pruning - 4x @ \$150/prune	\$600.00
Emergency Maintenance (2x)	\$650.00
Eventual Cost of Removal	\$1,000.00
TOTAL INVESTMENT	\$2,250.00

Benefits	Avg/Year	Over 20 Years
Electricity	\$27.20	\$544.00
Natural Gas	\$49.26	\$985.20
Property Value	\$71.46	\$1,429.20
Stormwater	\$127.82	\$2,556.40
Air Quality	\$14.06	\$281.20
CO2 Reduction	\$10.52	\$210.40
TOTAL RETURN		\$6,006.40

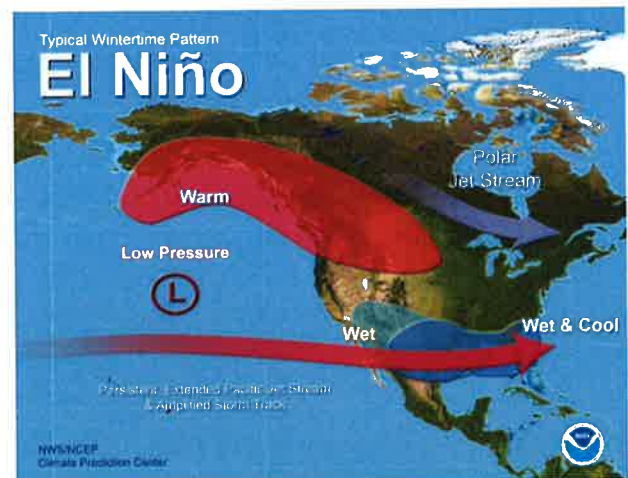


Trees and Climate Change

According to the United States Environmental Protection Agency, National Oceanic and Atmospheric Administration, Metropolitan Mayors Caucus, and a variety of other national and international reputable scientific and humanities-oriented sources, climate change will cause significant suffering over the coming hundreds to thousands of years. Increases in carbon dioxide, methane, and other greenhouse gasses in the atmosphere trap heat from the sun and will create a generally warming climate. Though it should be said that “climate change” means more than just warming trends.

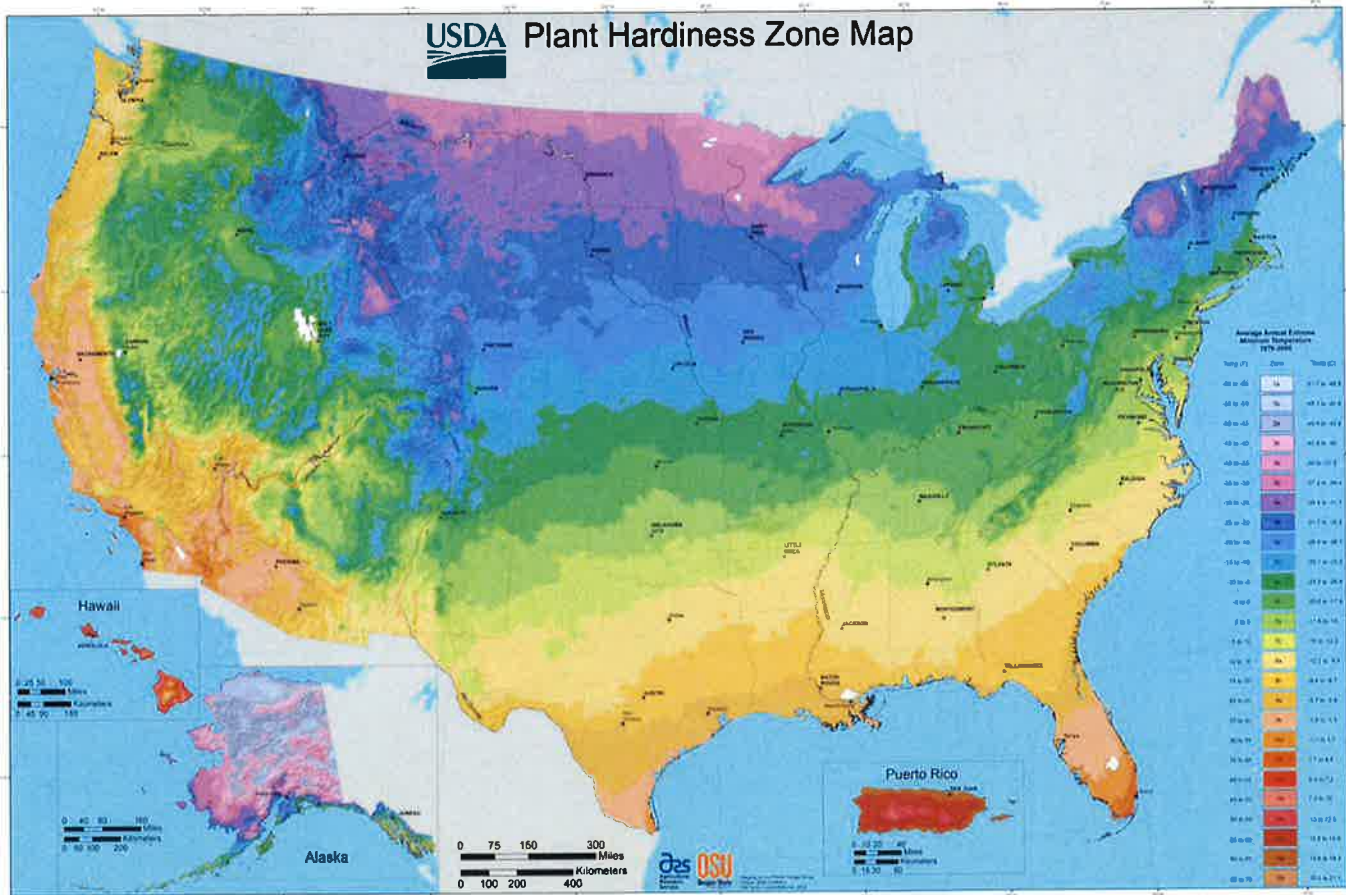
Though the general trend will be towards a warmer climate, the transition process will be very chaotic, and will be one of more “extremes”: hotter summers, colder winters, worse storm seasons, and the like will be the trend for quite some time

before the full effects of a warming trend are realized. This is due to the immense complexity of the planet’s climate, and all of the “teleconnections” which exist. Teleconnections are effects on one part of the planet from a corresponding change in another part. The most “famous” of these is the “El Nino” phenomenon, where changing ocean temperatures near the Galapagos islands strongly influences the amount of rainfall or drought in all North America. But there are literally dozens of these known teleconnections across the globe, and changing climate impacts all of them.



All of the organizations involved with changing climate and the carbon dioxide inputs that drive it have the same message: planting more trees, particularly in areas predisposed to changes in climate, will aid in pulling CO₂ from the atmosphere and reducing the impact of climate change. So the number of trees we are planting is important, both on public as well as private land. But the types of trees we are planting matters as well. The US Forest Service is already starting programs of planting climate sensitive tree species outside of their historic natural ranges in anticipation of an overall warmer climate (<https://www.fs.usda.gov/ccrc/story/helping-forests-keep-pace-climate-change>).

When it comes to tree planting in anticipation of climate change for urban environments in our area, we need to be careful, however. While the general trend is towards warming, the “extremes” side of this makes for a difficult decision. While summers may be warmer and support trees which are adapted to warmer conditions overall, our winters will still reach down into the -30° F and even colder range for extended periods. And cold weather is the limiting factor for what can be planted in an area. See the USDA Hardiness Zone map on the following page for a more detailed explanation. It shows the **coldest** temperatures which can be expected in an area, not the **warmest** ones. So before we start planting trees in northern Illinois that are more native to southern Illinois, we must understand that we need to plan for the coldest temperature, not the warmest per se.



All of that said, we should start planting trees now at least on a somewhat experimental basis that will be more tolerant of a warmer climate. Below are some suggestions of trees which the Village could plant which are just outside of our climate region, and may be successful over the coming 30 years or so, depending how effective we are at combatting climate change using other methods:

Southern Catalpa (<i>Catalpa bignoniodes</i>)	Southern Hackberry (<i>Celtis laevigata</i>)	Swamp Chestnut Oak (<i>Quercus michauxii</i>)	Cherrybark Oak (<i>Quercus pagoda</i>)
Water Hickory (<i>Carya aquatica</i>)	Pecan Hickory (<i>Carya illinoensis</i>)	Sourwood (<i>Oxydendrum arborea</i>)	Mimosa Tree (<i>Albizia julibrissin</i>)
Carolina Silverbell (<i>Halesia Carolina</i>)	Crapemyrtle spp (<i>Lagerstroemia spp</i>)	Flowering Dogwood (<i>Cornus florida</i>)	Sweetbay Magnolia (<i>Magnolia virginiana</i>)
Southern Magnolia (<i>Magnolia grandiflora</i>)	American Holly (<i>Ilex opaca</i>)	Oklahoma Redbud (<i>Cercis reniformis</i>)	Ornamental Cherries (<i>Prunus spp</i>)

All of these species grow in Illinois, just not in our part of the state, per se. And some are certainly more risky than others. Crape Myrtle for instance is barely tolerant of the climate in southern Illinois, while Southern Hackberry can already be planted here with reliable success. But nonetheless they are good species to keep on our radar for experimental plantings.

Positive Tree Benefits for the Environment

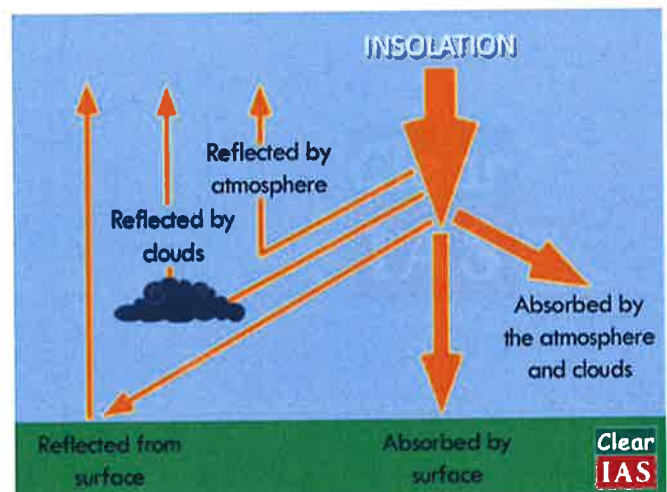
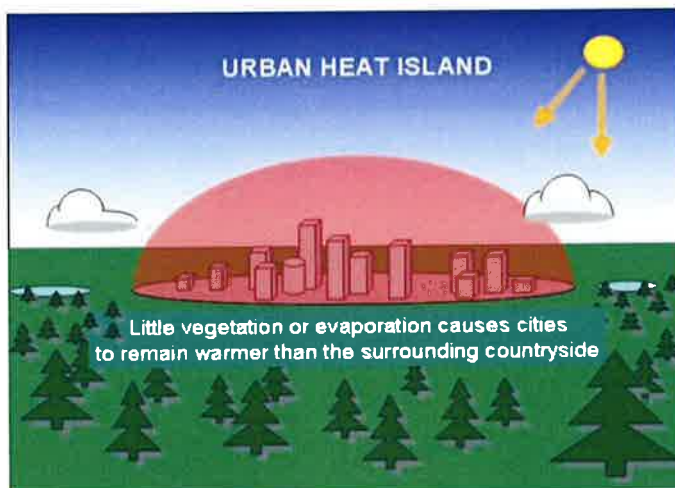
When it comes to trees and climate change, let's move on to some of the immensely positive benefits that trees provide. Here, we are focusing on 2 topics, those being the climate change and the urban heat island effect, as well as flooding prevention and stormwater benefits, since this was one of the primary focuses of this grant, and also some of the more important benefits trees provide.

Climate Change / Urban Heat Island Mitigation

First, let's define a few terms: **Climate Change** is change in the climate, both human-induced as well as naturally occurring, that disrupts what we perceive to be the normal operation of climate. It should be noted here that climate is different than weather. Weather is the day-to-day meteorology such as rain on Tuesday and sunny on Wednesday. Climate is what the long-term averages are for an area, such as average June temperatures in the mid 70's with 2-3 inches of rain. The term **Global Warming** has been misapplied many times when speaking about climate change. Yes, increases in carbon dioxide emissions lead in general to a warmer climate, which comes with very specific problems. But the climate change we are seeing currently is one of extremes: higher highs, lower lows, more severe storms, etc. The important part is that during this process of change, year to year weather becomes more unpredictable as the climate changes to generally a warmer one.

The **Urban Heat Island Effect** is a separate but related issue. Trees and other green plants contain chlorophyll, a naturally occurring compound which is custom built by nature for absorbing the sun's energy and converting it to sugars by photosynthesis. And what an energy the sun has. The amount of energy from the sun hitting the Earth at any given time is approximately 1,350 Watts per square meter, which is a LOT of energy to absorb. When an area has fewer plants, and a lot of asphalt and other dark surfaces, this produces a lot of heat.

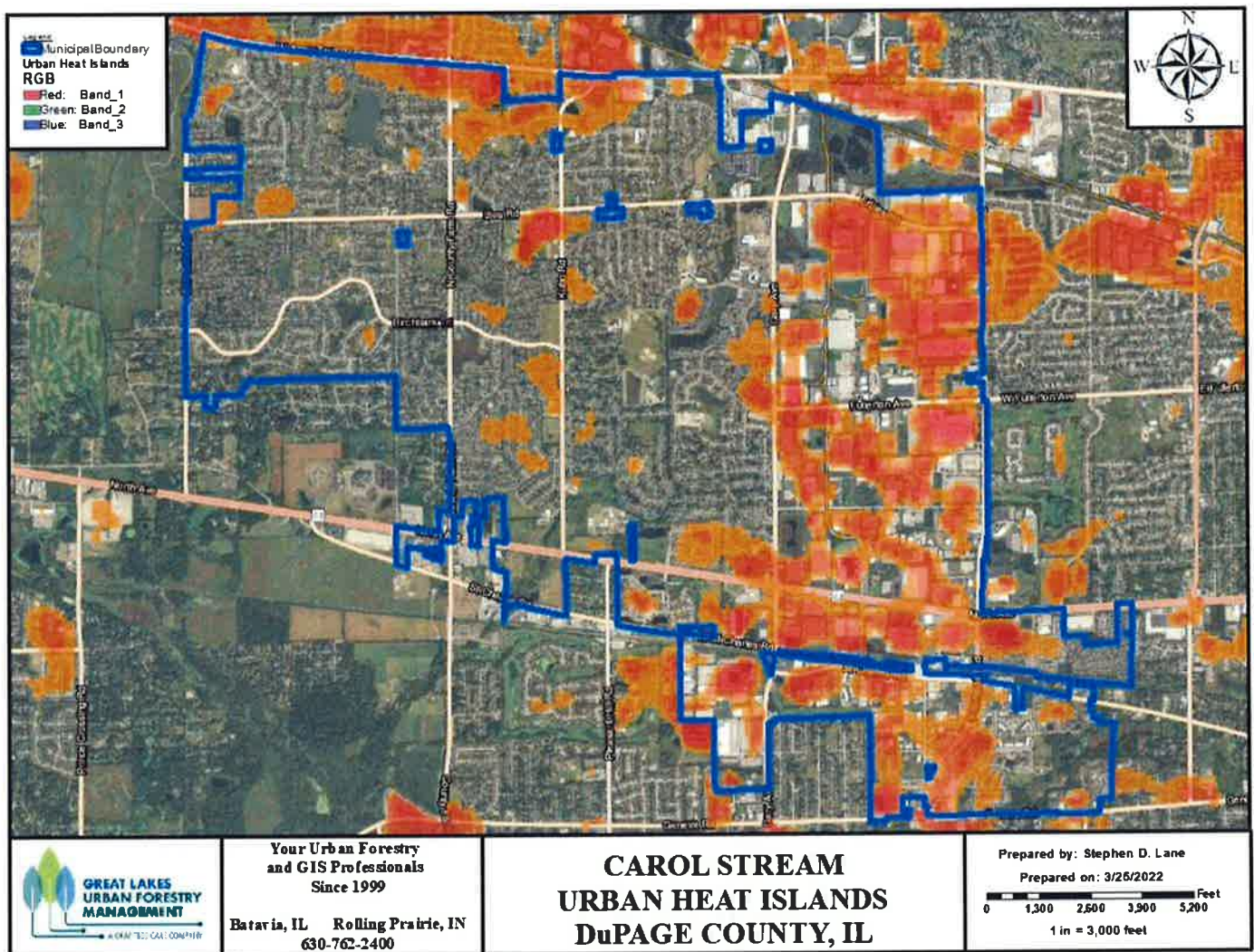
Think about it, if you wear a dark shirt when the sun is shining, you feel hotter than if you were wearing a white shirt. That is because different colors absorb things differently, and light colors reflect light while dark colors absorb it, and absorbing more light leads to more heat. So asphalt and other urban surfaces create local heating above normal atmospheric heating.



VILLAGE OF CAROL STREAM URBAN FOREST MANAGEMENT PLAN

All of this is of course just scratching the surface of a set of very complex issues. But essentially, when we have a generally warming climate, combined with this urban heat island effect, it can dramatically raise temperatures in urban areas, leading to a variety of issues. This is where trees become a major factor in making things better. Not only do they absorb carbon dioxide from the atmosphere, which helps to reduce the effects of climate change, but especially in urban areas, if we can plant trees over areas of asphalt and dark surfaces, this will keep the sun from hitting those surfaces, and instead direct the sun's energy to photosynthesis in the tree's leaves. The combined effects of these things will lead to reductions in warming.

For the Village of Carol Stream, below is a map of the urban heat island areas. The darker red or orange areas represent greater heat island effects, but do not represent specific "degree based" deviations, and areas of no shading mean no deviation from long term averages:



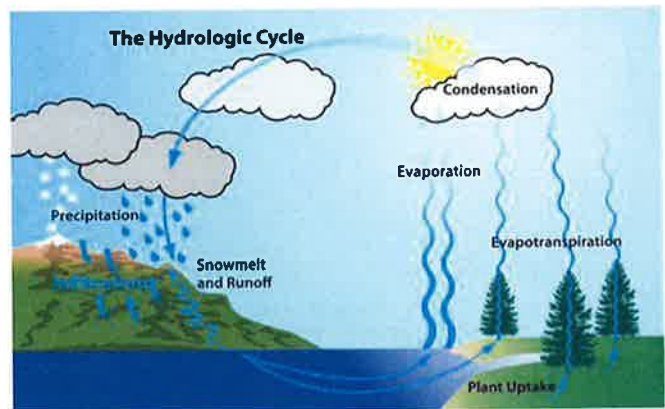
As can be seen from this map, the greatest heat island effects are along the transportation corridors, as well as the industrial areas where greenspace is lower overall. These are the areas where tree planting will create the greatest cooling effects.

Planting trees not just on Village owned property, but also encouraging residents and business owners to plant trees on their own property is a long-term goal of this management plan, and one of the big reasons is to offset the effects of climate change and the urban heat island effect. It should also be remembered that the climate is global, and there are no walls that separate cities, states, countries, etc. So, when one area warms, it has effects on the whole climate system. Conversely, when an area has more trees and vegetation planted, those benefits do not just stay confined to that area but benefit the whole planet. Trees are truly an example of acting locally and impacting globally.

Reduction in Flooding / Storm Effects

Once again, let's define a few terms here. First, the Earth has what is called a **Hydrologic Cycle**, which is pictured in a simple form to the right. All of the water that has ever existed on Earth was here when the Earth first formed around 5 billion years ago and has simply been recycled ever since then. Water stored in the oceans and lakes evaporates into the atmosphere where it forms clouds, and then rains down, either into the ocean to start again, or over land, where things get more complicated. When rain falls over land, several different things can happen to it that determine what happens next in the cycle.

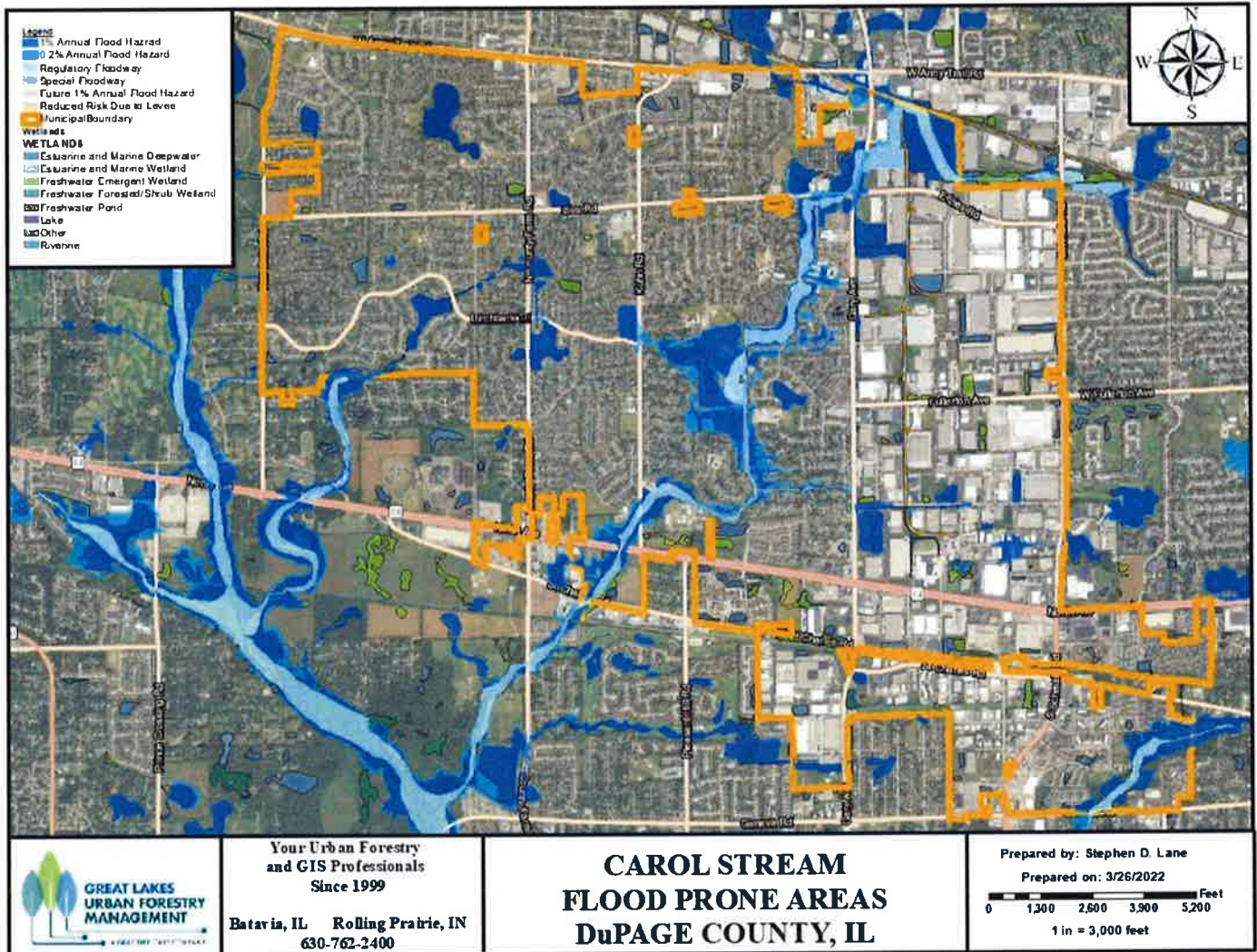
If the rain falls onto the soil surface, some of that water **percolates** into the soil where it moves as groundwater (water under the soil surface). However, when there is so much rain that the soil becomes saturated like a wet sponge that cannot hold any more water, then any additional rainfall becomes **runoff**, which "runs off" over the top of the land surface. This is what we traditionally call **floodwater**.



When an area floods, the consequences can be enormous in terms of economic impact and the impact to humans and wildlife. And there is another side of this story as well. Most communities have what is called **stormwater infrastructure** to handle this water. Storm drains are things we all see regularly which are meant to handle this water. But those systems are expensive to maintain, and the more water they handle, the more often they need repair or replacing. So what can we do to reduce this floodwater? Plant more trees.

Trees do something called **transpiration**, which effectively means that their roots soak up excess water in the soil, and they release it through their leaves back to the atmosphere. So the more trees we plant, the greater the reduction in flooding, and the less our stormwater infrastructure is taxed, and the less economic and social suffering there has to be as a result of flooding. On the following page is a map showing flood prone areas in Carol Stream:

VILLAGE OF CAROL STREAM URBAN FOREST MANAGEMENT PLAN



What is important to note from the above map is not what the exact colors mean, just know that these colors all show either known wetlands, water bodies, or flood prone areas in Carol Stream. Tree planting along any of these locations will help to transpire extra water out of the soil and prevent flooding from occurring. In particular, there are trees which are naturally adapted to growing in wetter soils, and these trees can really move a lot of water out of the ground, especially as they age. A mature tree can move as much as 6,500 gallons of water per year out of the system. Multiply that by thousands of trees, and you can see how quickly this adds up to a big difference.

<https://www.epa.gov/sites/default/files/2015-11/documents/stormwater2streettrees.pdf>

Tree planting efforts should take these flood prone areas into account, as well as the areas which appear to be drier and more drought prone where there is no shading on the map. And just like climate change is not confined to a single area, neither is stormwater and flooding. Whatever floodwater is not absorbed in one area moves downstream to another area. So by reducing runoff in Carol Stream, it will help all downstream communities. And again, the more communities we can get to take action on this, the more flooding and runoff will be reduced.

Tree Removals

The first step towards attaining Carol Stream’s forestry goals will be to remove trees which are diseased, dying, or pose high risk. The Village has historically done a remarkable job of maintaining a robust removal program when the need arises. This is evidenced by the outstanding removal work done to mitigate the devastating EAB infestation. At present, there are 278 trees which have been recommended for removal during the inventory. Of these, 24 are listed as a Priority Removal, 130 are listed as Standard Removals, and 124 are listed as Low Priority Removals based on the tree inventory data. A direct goal of this Urban Forest Management Plan is to have all identified trees marked as Removals during the inventory to be removed within 3 calendar years of this plan’s adoption.

In each subsequent year, as more trees are identified as requiring removal based on inventory updates or other factors, this plan projects the removal of 100 trees per year as an average. This is simply an estimate which forecasts the anticipated decline of a percentage of under-performing, poor condition tree due to projected life expectancy and other factors such as storm damage, pests, etc. It also includes failed new plantings out of warranty.

Going forward, reevaluation of the tree population on an annual or semiannual basis by Village staff or a Forestry Consultant will specify which trees require removal. These numbers are meant to be placeholders for budget calculations and diversity standards. This does not require that 100 trees be removed each year, this is simply a projection based on the existing inventory data and is used to provide estimates for budgeting anticipated costs.

For purposes of projection, costs have been estimated using a rate of \$25/diameter inch for tree removal and stump grinding, which is a conservative estimate based on current market pricing. Rates could certainly be found lower than this in a competitive bid process or using in-house labor. As is the case with all cost projections for this Plan, no cost increase is assumed for the first 5 years, and a 3% annual cost increase is assumed thereafter. This is also a conservative estimate based on the Consumer Price Index, and actual costs may differ than what is projected. As mentioned, these are anticipated averages of trees to be removed. Exact numbers of trees to be removed may be more or less, these are just data driven projections.

	Milestones	2022	2023	2024	2025	2026	2027-2032
REMOVALS	Avg Trees Removed	100	100	100	100	100	100/year avg
	Avg Diameter Inches	1,000"	1,000"	1,000"	1,000"	1,000"	1,000"
	Removal Cost (2022)	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
	Removal Cost (CPI)	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,750 - \$28,980

As this is a program to be adaptively managed, this budget table can be revisited periodically to reflect actual costs being paid and actual number of removals.

Tree Removal Activities

Safe Removal of a Tree to an Appropriate Flush Cut

Tree removal can be dangerous, but when performed by professionals is very safe. Therefore, all tree removal activities on Carol Stream’s public property shall be performed under the guidance of a Certified Arborist or experienced employee. The safe removal of a tree involves the safe removal and lowering of all portions of the tree according to all relevant ANSI standards and Best Management Practices. The stump must be flush cut such that the highest portion of the cut is no greater than two inches from the highest part of the ground surface to prevent a tripping hazard on public property.

Stump Grinding

Within a reasonable amount of time following the removal, stumps and surface roots should be removed using an approved stump grinding machine, such that the stump is ground to a minimum depth of 6 inches, and no surface roots are visible. If the site is to be planted with a new tree, that depth should be increased to 12 inches below the soil surface. This will ensure that a new tree may be successfully planted, and that no re-sprouting will occur from the old stump. The depths to which the stump must be ground may be altered by the Village depending on needs for specific circumstances or contracts. Until such time as the planting space is fully restored, the stump hole should be filled and compacted to ground level using the debris resulting from the stump removal.



Planting Site Restoration

Once the tree has been safely removed and the stump has been ground out, the open planting space must be fully restored if a tree is not scheduled to be planted in or adjacent to the old hole. Site restoration consists of removing the stump chips from the hole, filling it with a quality mineral topsoil, tamping down to match the surrounding grade, spreading grass seed over the top of the topsoil, and securing a degradable blanket over the topsoil. This will ensure that grass grows back to restore the aesthetics and function of the parkway, and prevent tripping hazards from the removal scar.

Reasons for Tree Removal

Removal of trees on public spaces is an unavoidable reality of managing large tree populations. When the trunk, branches or roots fail, a standing tree can cause personal injury or property damage, and even small dead trees can be an eyesore and reduce property values. Old trees can hold great sentimental value, and many people become attached to them. However, there are times when their presence creates a public hazard, and it is at those times that action must be taken to ensure public safety.

Removal of trees on Village public property shall always be at the discretion of the Department of Public Works and trees will never be removed without a sound reason. Residents may request a tree to be removed for reasons NOT covered below, and these requests will be reviewed by qualified, responsible personnel in the Department of Public Works. Removal requests may be granted and paid for under the annual forestry budget. However, trees with a greater need for removal based on public safety will always hold a higher priority. Under no circumstances will the Village be responsible for trees which are not in the rights-of-way or on public property.

Dead or Dying

If a tree is biologically dead or nearly dead, it will require removal. Trees which are standing dead, have approximately 50% dead crown or greater, or have less than approximately 40% structurally sound wood in the cross-section of the trunk shall be removed as expediently as practical. These determinations shall be at the discretion of qualified, responsible personnel in the Public Works Department.

Diseased or Infested

Diseases are caused by viral, fungal, or bacterial pathogens. Infestations are caused by insects or other small animals. Dutch Elm Disease and Oak Wilt, for example, are fungal diseases that kill Elm and Oak trees when they are infected. Emerald Ash Borer is an insect which kills Ash trees by infesting them. The prompt removal of diseased or infested trees limits the exposure of other nearby trees. The removal of 1 tree may save dozens of others. Trees deemed to be diseased or infested by qualified, responsible personnel in the Public Works Department shall be removed as expediently as possible in order to slow the spread of such insects and diseases.

Critical or Substantial Risk

“Tree Risk” is the potential of a tree or tree part to impact a nearby person or piece of property and cause property damage or personal injury. This topic is of great interest in Arboriculture today, and insurance companies are becoming increasingly involved in the process of assessing and managing the risk posed by trees. Litigation involving trees is a perennial concern for public entities.

All trees in Carol Stream were assessed for a basic level of risk during the initial inventory, and a number of trees were found to be at critical or substantial risk levels. If such risk can only be safely mitigated by tree removal, as opposed to pruning or other measures, then their timely removal is critical because of potential exposure of the public or property to potential harm.

Qualified personnel in the Public Works Department, the Forestry Consultant, or any other TRAQ Qualified Risk Assessor should assess the tree and prepare a report which will document the details of the situation prior to removal. Often, risk can be mitigated by removing a portion of the tree, or other corrective measures. If the entire tree is deemed to be at



high or extreme risk of failure, however, the entire tree shall be removed as a means of reducing its residual risk to zero.

Emergency / Storm Damage Removals

A tree shall be removed if it has been severely damaged and/or compromised by lightning, wind, or other such weather event. "Storm-damaged" shall be generally defined as a tree which has lost 33% or more of its crown, has a large crack or other wound in the trunk, has a lean of greater than ten degrees from vertical, has sustained a lightning strike, or other such issues directly related to storm events. Qualified, responsible personnel in the Public Works Department, or in some cases the Forestry Consultant, should determine the need for removal of a tree in these cases, although in an emergency such as a tree impacting a person, vehicle, home, power lines, or other such emergency, the Village may perform any actions necessary to abate public hazards so long as they are in compliance with all relevant Arboricultural standards and practices.

Damage from Construction or Vehicle Strike

Qualified, responsible personnel in the Public Works Department, or in some cases a Forestry Consultant, should assess trees that have been impacted by a vehicle strike or piece of construction equipment. If the tree has suffered physical damage or extreme root compaction and is likely to decline and become high risk, it will be scheduled for removal in order to maintain public safety. That decision will be based on the best professional judgement of qualified, responsible personnel in the Public Works Department, or in some cases a Forestry Consultant.

Reasonable Resident Request

If a tree has non-terminal pest or pathogen issues, moderately poor structure or is in somewhat poor condition, a resident may request the removal of the tree. Such requests will be reviewed by qualified, responsible personnel in the Public Works Department, or in some cases a Forestry Consultant, and evaluated on a case-by-case basis. If the tree shows significant potential to decline or pose a threat in the near term, the Village may agree to the removal. Note that young and/or healthy trees will generally not be considered eligible for this program. Priority will always be given to trees in danger of threatening public safety.

Interference with Utility or Signage

A tree shall be removed if it is interfering with the function or visibility of official traffic control devices or has impacted above or belowground utilities in a manner that cannot be mitigated by pruning or other measures. In these cases, it is likely that no new tree will be planted in these sites.

Overplanted and Underperforming

No healthy tree shall be removed for the sole reason of having been overplanted. As a result of this UFMP, Carol Stream will be enhancing their use of industry best management practices for diversity in the urban forest, with the goal of building a diverse urban forest. Overplanted species listed as being in poor condition will be reviewed to assess further decline or recovery.

Those trees in noticeable decline may be removed at the discretion of the qualified, responsible personnel in the Public Works Department, or in some cases the Forestry Consultant. This will be used as a preventative measure so that these trees do not continue to decline to a point where they become hazardous, and not used as a reason to remove an otherwise healthy tree.

Basic Village Tree Removal Requirements and Standards

All the following requirements and standards shall be met during tree removal activities as matter of local policy. For a more detailed view of the specific standards, please see Appendix I.

Village of Carol Stream

1. All personnel directly involved with process of chainsaw operation, climbing, bucket truck operation, and rigging limbs shall be provided with sufficient training and experience to perform such duties while employed by the Village of Carol Stream, as either Public Works staff, or performing work as a contractor employed by the Village.
2. Only qualified utility arborists may perform tree removal operations within ten feet of an electric utility line. Carol Stream employees or contractors may complete the process of trunk removal and stump grinding only if the remaining portion of the tree is greater than ten feet from a transmission line.
3. The Village will not remove healthy trees in order to meet diversity goals, unless the tree poses a risk to persons or property.
4. The Village of Carol Stream shall not perform or assist, programmatically or financially, with the removal of trees on private property. Public/Private tree ownership is defined that if any portion of the trunk of the tree has grown into the parkway or ROW, the Village will assume responsibility for the tree.

Tree Planting

Whereas tree removal is necessary to promote public safety, planting of new trees must happen to increase our diversity and canopy cover. Over the past decade, the Village carried out a massive reforestation effort after the loss of approximately 3,000 Ash trees and replaced those lost trees with approximately 3,200 new trees. At present, the Village has 758 open planting spaces identified on its parkways along with up to 2,000 possible planting spaces in areas of the Village where planting was not previously allowed. As a means of attaining the goals of increasing canopy cover to 15% and increasing overall diversity, this plan calls for the planting of about 1,500-2,000 trees over the coming 10 years.

For the goals and milestones shown below, the program began with being able to replace trees called out for removal above and also to begin planting in open spaces on the Village's parkways. The Village has the capacity to plant 150-200 trees per year and for the purposes of budget projections, an average of 175 trees per year has been used. This plan anticipates plantings to outpace removals. For the costs of planting, \$350 per tree (installed) has been used.

As is the case with all cost projections for this Plan, no cost increase is assumed for the first 5 years, and a 3% CPI annual cost increase is assumed thereafter. Once again, as with all budget estimates in the plan, these are meant to be guideposts and not absolutes.

PLANTINGS	Milestones	2022	2023	2024	2025	2026	2027-2032
	Avg Trees Planted	175	175	175	175	175	175/year avg.
	Planting Cost (2022)	\$61,250	\$61,250	\$61,250	\$61,250	\$61,250	\$61,250
	Planting Cost (CPI)	\$61,250	\$61,250	\$61,250	\$61,250	\$61,250	\$63,090 - \$71,005

The Importance of Planning Your Tree Planting

Right Tree in the Right Site

Urban Forestry has an unfortunate history of not planning carefully for tree planting. Whatever was readily available, inexpensive, urban tolerant, and grew fast was seen as desirable, and often planning of tree plantings was left to developers or nurseries and plantsmen. With our history of invasive insects and diseases in the Midwest region, and with a possibility that these may get worse in the future, it is more crucial than ever that we have a process to plan our tree plantings.

This process should involve assessing each site to be planted in much the same way we would assess a tree, except that in this case, we look for factors such as available above and below ground growing space, how much light the tree receives, amount of soil moisture present, and possibly other factors such as soil pH and texture. Once this information is collected, planting sites can be matched with trees which are well suited to those sites. Matching the right tree to the right site like this will result in trees which establish faster, grow more vigorously, live longer, and provide far greater benefits. Even a simpler version of this process is better than nothing. When you have your species list for each site assembled, it makes bidding much easier since you already have a plan in hand.

Playing an active role in your tree planting planning also allows for meeting diversity standards such as the taxonomic, spatial, and age class diversity principles outlined above and attempts to get the tree population into compliance with the “20-10-5 Rule”. With 758 inventoried planting sites to be assessed, tree planting planning can be phased off each year as the planting budget takes shape and diversity is evaluated. Being targeted about species selection also allows the use of species which are slightly more difficult to find appropriate sites for. These species that are considered “less urban tolerant” can still be planted when the appropriate site is found. We anticipate that over the timeline of this plan, nearly all of these inventoried planting spaces will be planted. As previously mentioned, there are also 2,000 possible planting spaces in areas of the Village where planting was not previously allowed which may eventually be eligible for planting.

The success of a tree depends on where and how it is planted. Qualified, responsible personnel in the Public Works Department, or in some cases the Forestry Consultant should assess planting sites before trees are purchased and installed each year, to ensure the correct tree is being planted for the correct site. Each tree planted represents a 25-75+ year commitment, and this planning helps to increase the benefits the community can reap from this commitment. A list of acceptable species to be planted for all land use types appears in Appendix A.

Nursery Stock Procurement

Nursery stock quality is yet another aspect of planning which can help a tree establish, survive, and thrive to provide great benefits to the community. Qualified, responsible personnel in the Public Works Department, or in some cases the Forestry Consultant should inspect and select every tree which is to be planted on Village property to minimize the possibility of installing lower quality nursery stock. Specifications should be for material no smaller than 1.75" caliper, with good form for the species, planted as either balled and burlapped or minimum 5-gallon containerized stock.

Currently, the industry is recovering from a nursery stock shortage due to high demand to replace Ash trees lost to Emerald Ash Borer, which impacted the availability of some species. We strongly recommend to not accept substitutions in the requested species lists, as many nurseries are still attempting to substitute overplanted trees for some of the higher diversity species which may still be difficult to obtain. It is recommended to have an approved substitution prepared for each planned tree species. A list of species and acceptable substitutes has been included in Appendix C.

Tree Transport and Planting

Proper transport and planting procedures determine a tree's success after planting. Even healthy trees from the field, if improperly transported, may dry out during transport, or have structural damage to root balls incurred. When it comes time to plant, trees planted too deeply will suffer from root compaction and trunk decay.

Trees planted without properly dug holes may suffer from stunting. Trees planted without proper removal of packaging materials may develop girdling roots. Trees planted too high may have surface root desiccation. Trees improperly staked or with improper trunk protection may suffer from trunk wounds or girdling of the entire trunk. The standards and Best Management Practices for tree transport and planting are detailed later in this section, as well as Appendix J.



Tree Spacing and Visibility Requirements

Minimum tree spacing between large, medium, or small sized deciduous shade trees should be appropriate for the species and conform to Carol Stream Municipal Ordinance 12-3-16 cited as follows. A minimum of 30 feet between trees which are on public or private property, shall be maintained. Trees will be planted a minimum distance of 15 feet from crosswalks, street lights, utility poles, and traffic control devices (not including signs); a minimum distance of 10 feet from driveway aprons and fire hydrants; and a minimum distance of 5 feet from water/sewer service lines and system structures. Planting trees under or within fifteen lateral feet of any overhead utility wire is prohibited, unless approved by the Director of Public Works. More information on tree spacing specifications and visibility requirements can be found in Carol Stream Municipal Ordinance 12-3-16.

Watering

Watering of newly planted trees is essential to their establishment, growth, and survival, particularly during the first 2 years of their lives. Currently the Village, bears the responsibility for watering newly planted trees and watering is not included in projected budget figures. The Village may consider sharing this responsibility with residents. When a site is planned for planting, the Village should provide residents with information on proper tree watering techniques. Such information can ensure sufficient watering and may prevent a young tree dying from drought stress.

Challenges of Urban Plantings

Urban planting sites are a difficult environment for a tree to thrive in, and based on long term data, it is expected that 5-10% of new plantings fail each planting cycle. The Village's contracts for tree planting should include a one to two-year replacement warranty for any new trees that fail to thrive in their new environment. Urban tree plantings can pose an uphill battle in many ways, due to limited soil volume, salt runoff, airborne pollutants, and other factors. New planting mortality is to be expected, despite best efforts to prevent such an outcome, but the planning measures outlined above will help to mitigate annual new planting mortality.



Tree Planting Requirements and Standards

Village of Carol Stream

1. Planting sites shall be determined and monitored using the Village's tree inventory, in conjunction with staff and Forestry Consultant input.
2. Tree spacing should be in accordance with Carol Stream Municipal Ordinance 12-3-16 which is cited in the "Tree Spacing and Visibility Requirements" section above.
3. Choice of species for planting should be done so according to the Village's taxonomic, spatial, and age-class diversity goals. A diverse and resilient urban forest minimizes exposure to financial, environmental, and health risks while maximizing aesthetics, environmental benefits, and ecosystem services to its residents.
4. All planting stock shall be grown- within 150 miles of the Village/ planting site.
5. Acceptable nursery stock shall conform to the following standards:
 - A. Minimum of 2-inch caliper, measured at six inches from the trunk flare-
 - B. Root ball conforms to ANSI Z60.1 Standards for Nursery Stock
 - C. Less than 10% deadwood in the crown
 - D. Architecture consistent for the species, cultivar, or variety in question

- E. No included bark or other such narrow branch attachments, unless consistent with species or variety
 - F. Free of pests or pathogens
 - G. Approved species list for the Village of Carol Stream
6. Planting and digging of certain species shall only occur at certain times of year, in accordance with nursery industry best management practices and professional judgement. These times are subject to the professional opinions of both the Village of Carol Stream and its approved contractors.
 7. Residents requesting to plant trees on the Village-owned right-of-way will be required to obtain approval from the Director of Public Works via an on-line application. Such trees will need to conform to all species, spacing, and proper planting requirements as specified by the Village.
 8. JULIE, or another similar utility locating service shall be contacted, and all utilities located at least a day prior to planting.
 9. A minimum of a one-year replacement guarantee shall be extended from approved nurseries and plantsmen for all new plantings.

Tree Pruning

When maintaining a tree population for its greatest benefits and lowest risk, tree pruning is one of the most cost-effective maintenance activities which can be performed. Pruning provides several important services for a tree: it reduces the risk of failure, provides clearance for utilities or other structures, reduces wind resistance and wind damage, maintains overall tree health, and improves overall aesthetics.

Currently, the Village maintains a 6-year pruning cycle, supplemented with intermediate pruning on an as-needed basis to remove sight obstruction and hazards to pedestrians, bicyclists, and vehicles. This program ensures that all trees on public property are pruned at a minimum every 6 years, increasing tree health and vigor while helping to reduce costs associated with storm damage and tree failure. It should be mentioned that the Village has been very proactive in its maintenance of their long-time implementation of a cycle pruning program and this should be commended. The Village pruning zone map can be found in Appendix L.

For budget projections associated with these activities, an average of \$50 per tree was used based on the current age class diversity of the Village's tree population. As the population matures, an updated age class analysis will help to project future budgets.

Currently, Carol Stream prunes between approximately 750-1700 trees per year, that number varying significantly depending on the zone being pruned that particular year. These pruning zone statistics and estimated budget projections are illustrated in the table below.

VILLAGE OF CAROL STREAM URBAN FOREST MANAGEMENT PLAN

PRUNING	Milestones	2022 Zone 3	2023 Zone 4	2024 Zone 5	2025 Zone 6	2026 Zone 1	2027 Zone 2
	Trees Pruned	746	1505	1145	1674	1616	1551
	Notes	Cycle Prunes Zone 3	Cycle Prunes Zone 4	Cycle Prunes Zone 5	Cycle Prunes Zone 6	Cycle Prunes Zone 1	Cycle Prunes Zone 2
	Cost (2022)	\$37,300	\$75,250	\$57,250	\$83,700	\$80,800	\$77,550
	Cost (CPI)	\$37,300	\$75,250	\$57,250	\$83,700	\$80,800	Varies by Year

Pruning Activities

Maintenance of a 6 Year Pruning Cycle

As previously mentioned, the Village maintains a 6-year pruning cycle, supplemented with intermediate pruning on an as-needed basis to remove sight obstruction and hazards to pedestrians, bicyclists, and vehicles. This program ensures that all trees on public property are pruned at a minimum every 6 years, increasing tree health and vigor while reducing costs associated with storm damage and tree failure. With approximately 9,000 parkway trees total by 2032, this would mean that over a 6-year period, depending on the zone being pruned, anywhere from roughly 750-1700 trees would require pruning each year.

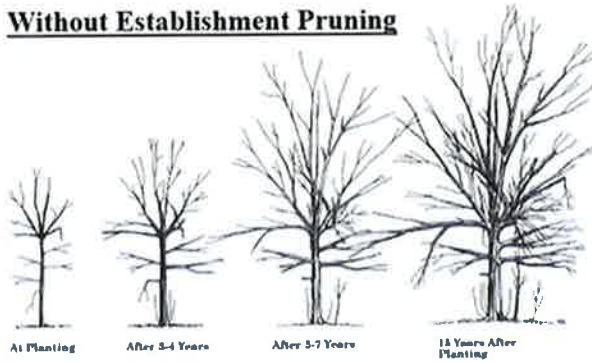
Though tree pruning may seem expensive, the cost of maintaining trees is significantly less than the costs associated with trees damaging property or injuring residents. The benefits trees provide when healthy and well maintained can be prolonged and significantly increased, as shown in the projections above. A cycle pruning program is the hallmark of an effective forestry program and the Village should be applauded for its long-time commitment to this proactive endeavor.



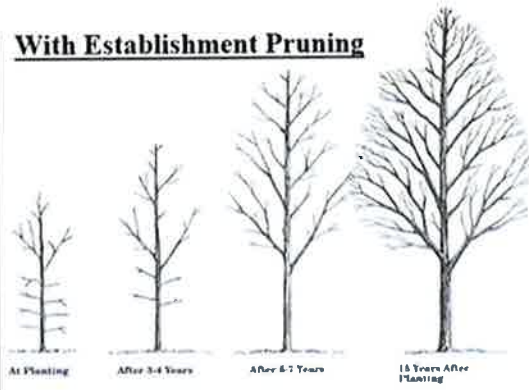
Pruning of Young Trees

For the purposes for this Plan, a young tree is considered to be under 12" DBH. Young trees are still trying to acclimate to their sites. The pruning of young trees has different goals and outcomes than the pruning of larger, mature trees. Standard nursery stock has been meticulously pruned for four to ten years to have a single trunk, and the specific branching patterns which are considered common to the various tree species. Without proper establishment pruning, these trees might have multiple trunks, poor branch structure, and overall poor form and architecture. Pruning of young trees to establish proper form is one of the most cost-effective maintenance activities which can be performed. It is an inexpensive task that does not require a great time commitment, and can save thousands of dollars in pruning and maintenance costs later in the tree's life. As mentioned above, due to not having to climb trees or use dangerous equipment, young trees may be pruned by Village staff.

Without Establishment Pruning



With Establishment Pruning



Pruning of Mature Trees

A mature tree, for the purposes of this Plan, is considered to be greater than 12" in diameter. Mature trees are established in and acclimated to their sites. The pressure these trees face from their environment generally comes from above-ground factors such as pests, pathogens, man-made structures, other trees, windstorms or lightning strikes, as well as some below ground factors like girdling roots, limited soil volume, or poor soil quality. Pruning is performed to mitigate the above-ground issues, as well as balance out any below ground issues when possible. Natural aging and limb dieback are additional reasons these trees are pruned.

Pruning of mature trees may mitigate a short-term risk, such as after a storm, or pruning may be done to maintain a tree's long-term health and structure. In the wild, trees loose limbs frequently. This is called self-pruning. Allowing trees to self-prune over time is not advisable in an urban setting. Safety factors may arise, and the process of self-pruning may bring up aesthetic issues in an urban environment. Mature public trees should only be pruned by professional Certified Arborists, and done in accordance with industry Best Management Practices and accepted ISA and ANSI standards.

Private Property Trees

The Village shall not be responsible for the pruning of trees located on private property. The Village reserves the right to prune portions of trees overhanging public property, but is under no legal obligation to do so, and will perform such pruning at the discretion of qualified, responsible personnel in the Public Works Department, or in some cases the Forestry Consultant

Reasons for Pruning

Establishment Pruning

Establishment pruning of newly planted trees is the single most cost-saving measure in tree care, as it establishes good form and branch structure for the life of the tree. Establishment pruning should be performed a minimum of one time prior to the tree reaching six inches in diameter. Once established, the tree will only require periodic cycle pruning to maintain an appropriate form for the urban forest and to maintain health and keep the tree free of dead limbs.

Cycle Pruning

A Best Management Practice in Urban Forestry is that trees should be pruned on a cyclical basis as preventative maintenance. No tree should go more than seven years without proper pruning. Cycle pruning ensures that dead branches, storm damaged limbs, or unsightly growth are removed before becoming hazardous or bad for the health of the tree. Cyclical pruning also ensures the proper leaf to stem ratio, which provides structural support for the tree. It also ensures that pruning stays relatively inexpensive, as severe issues do not have time to develop. Cycle pruning is a maintenance activity which if performed regularly, actually needs to be performed less often.

Emergency / Storm Damage Pruning

Emergency pruning is nearly always necessary to mitigate severe risk after storm events, such as limbs which have fallen and are blocking traffic, have impacted a structure, are interfering with a utility, or are hanging and in imminent danger of doing any of the above. Emergency and storm damage pruning should be conducted at the discretion of the Village, with the best interests of the public in mind. This is one of the few occasions on which the recommendations of this Plan may be temporarily suspended. When life or property are in imminent danger due to conditions associated with a downed tree or tree part, the Village may take whatever remedial action is practical and reasonable to mitigate such imminent risk.

Sanitation Pruning

When a tree has been diagnosed as having been diseased or infested with a pest or disease, sanitation pruning may be employed to maintain the tree while removing the diseased or infested portions. This technique is only effective when the host tree is infected/infested with certain pests and pathogens, and only in a localized area of the tree. With more widespread cases of disease or insect infestation, removal will be the most cost-effective and safest option to avoid endangering other nearby trees, as these pests and diseases tend to spread, particularly when there is more of the same species nearby.

Removal of High-Risk Limbs

At times, a tree as a whole may not pose a high risk, but a single limb may have defects that make it hazardous. At these times, the removal of such limbs or parts may render the tree to be low risk again, without causing permanent damage to the tree.

Tree Pruning Requirements and Standards

Village of Carol Stream

1. All activities directly related to the operation of a chainsaw, bucket truck, limb rigging, or tree climbing shall be performed by a qualified Village employee or designated contractor, and under the supervision of a Certified Arborist or arborist trainee.
2. No pruning or maintenance activity that takes place within ten feet of a power transmission line shall be accomplished by a Carol Stream employee.

3. No cabling, bracing, or other such support systems shall be installed in Village-owned trees. Exceptions may be made by obtaining prior written approval of the Village.
4. No heading, pollarding or espalier pruning shall be conducted on Village-owned trees, and no wound dressings shall be used under any circumstances, without prior written approval from the Village.
5. The need for pruning and maintenance of individual trees and parkways shall be at the discretion of the Village and its designated contractors.
6. No more than 25% of a tree's crown shall be removed during pruning operations to preserve the health of the tree. Any more than 25% of the crown being removed put the tree in danger of severe dieback, and removal should be considered at that point.

Other General Maintenance

Maintenance Activities

Retaining a Consultant

A Forestry Consultant may be utilized for impartially assessing the tree population on a periodic basis, at the discretion of the Public Works Director. A Forestry Consultant will generate reports as requested by the Village so that needs in terms of tree planting, removal, and maintenance can be assessed and planned. A Forestry Consultant may also provide services otherwise performed by a staff Certified Arborist at the discretion of the Public Works Director.



Chemical Applications

Trees, like people, sometimes contract pests and pathogens. Often these pests and pathogens can be controlled with a simple chemical application just as illnesses in humans can be controlled with medication. This practice is called Plant Health Care. When financially practical, chemical control for common pests or pathogens may be utilized as a preventative or curative method, and increase the aesthetics and benefits of the tree population.



At present, the Village does no chemical applications and has very limited history of such. However, the department will evaluate if and when chemical applications are necessary and appropriate.

Residents of Carol Stream, with written approval of, and at the discretion of, the Director of Public Works may perform chemical applications on the parkway trees, such as treatment for Emerald Ash Borer, Dutch Elm Disease, Apple Scab, or other common disorders.

The Village will not bear any financial responsibility, nor liability, associated with the costs of such treatments, and treatments must be performed by a Certified Arborist who holds a valid Pesticide Applicators license.

Such work may be denied or revoked for utilizing unqualified contractors, potentially hazardous chemicals, or any other reason at the discretion of the Village. Additionally, trees being treated by residents may still be removed at the discretion of the Village for any of the reasons listed above.

Water Management

The importance of water in the establishment, growth, and survivorship of trees cannot be overstated. Most trees adapted to our climate zone (USDA Zone 5b) are also adapted to the amount of moisture we have in an average year. However, younger trees with less expansive root systems are susceptible to prolonged drought. Young trees need supplemental watering, which is an essential maintenance activity and can prevent newly planted tree mortality.

As we anticipate approximately 1,100 additional trees being planted over the course of the next 10 years, this concept becomes very important. Currently, the initial watering of new trees is done by the contractor during planting. However, watering beyond that is done by the Streets Division and possibly the resident. The option to more frequently rely on well-informed residents to water trees may be a possible option. Upon receiving a newly planted tree on the parkway in front of their homes, residents should be supplied with an informational pamphlet which explains how often to water their new tree during the first 2-3 years. It is also suggested that the Village, possibly acting in conjunction with the Forestry Consultant, hold basic tree maintenance classes open to all residents.

Mulch

Proper application of mulch is a necessary and cost-effective maintenance activity. Mulch has many benefits, including reducing weed growth in the root zone, protecting the tree trunk and root flare from lawn maintenance equipment, allowing water to move into the soil, reducing evaporation and drought stress, and creating a naturally fertile soil environment. Turf grass typical of parkways competes for water and nutrients, and mulch reduces this competition.

Improper Mulching



Proper Mulching



But not all mulching is beneficial. The practice known as “Volcano Mulching” is the practice of piling mulch against the trunk in excess of 3” deep. This causes moisture build up against the trunk, and can cause decay of the trunk tissue, and possibly death. Material such as crushed limestone, red volcanic rock, or rubber pellets can alter the soil chemistry in an undesirable way, and cause dieback or tree death.

The Village maintains a mulch site at the WRC from internal tree operations and contractor pruning and tree removal. These chips are used for mulching newly planted trees and other planting beds. A goal for the Village is to mulch for all newly planted trees, as well as preventing volcano mulching, should be a primary concern. Residents will be provided educational materials to encourage mulching beyond the first year.

Tree Preservation and Management During Construction

In many municipalities, ordinances exist to protect public trees and shrubs from construction activities. The intent of these ordinances is to protect the benefits those tree and shrubs provide to the community. Therefore, tree and shrub protection and preservation during construction represents an investment in the community. Ensuring the protection and preservation of these public trees while minimizing burdens to businesses, developers, and residents is essential to a healthy urban forest. The Village of Carol Stream Community Development Department and Village Arborist may assist private developers with creating a Tree Preservation Plan for trees located on private property. (See § 16-5-6 LANDSCAPE (E) Tree preservation)



Tree protection and preservation during periods of construction involves protecting trees from damage caused by construction activities. This damage includes physical and chemical damage to the trunk, branches, and roots. Damage may be caused by equipment such as backhoes, skid steers, or other appendage-type equipment. Effects of damage to the visible above ground portions of the tree can be obvious, as when branches are broken. But hidden effects such as root compaction or improper grading may not become evident for years until the tree begins to die back. The standards set forth below are industry standards with a proven record of success should individual property owners choose to pursue them.

Tree Preservation Requirements and Standards

Village of Carol Stream

1. A tree survey shall be performed by a qualified individual prior to the beginning of any development activities that may affect public trees. The survey shall detail the size, species, and condition of each tree six inches DBH and greater OR managed landscape tree (intentionally planted, non-volunteer tree) of any size.
2. The Tree Survey and a Tree Protection Plan shall be submitted to the Village of Carol Stream and all relevant architects, engineers, and workers, detailing the following:
 - A. Trees to be removed
 - B. Trees to be preserved
 - C. Location and size of the Tree Protection Zone (TPZ) for each tree
3. The Tree Protection Zones for each tree shall be visibly delineated by the site engineer, using orange snow fencing or other high visibility exclusion material. When such a delineation is not possible, all workers on site shall be made aware of the TPZ verbally.

Tree Risk Assessment Policy

Trees provide ecosystem and aesthetic benefits, but all trees also pose some degree of risk. Determining the acceptable level of risk, along with effectively managing that risk, is a key priority for urban forestry operations. As a tree manager, the Village assumes some degree of risk. It is up to the Village to track that risk to ultimately decide how to take steps to mitigate trees which pose such risk in a manner which is responsible both economically as well as in the interest of public safety.



Levels of Risk Assessment – An Overview

These Risk Assessment Levels are based on the International Society of Arboriculture's (ISA) Tree Risk Assessment Qualification (TRAQ) protocols, as well as the ANSI A300 Part 9 (Tree Risk Assessment) Standards. The TRAQ forms can be found in Appendix H at the end of this report. All trees in Carol Stream were assessed for a basic level of risk during the inventory. These assessments were rapid assessments, and do not represent any formal level of TRAQ risk assessment and are not legally binding. They are solely intended to provide Carol Stream with data showing a need for a more detailed assessment of individual trees such as those listed below.

Level 1 Assessment

Also called a “limited visual assessment”, whereby a tree has a basic analysis of obvious physical defects and condition. The assessor walks or drives by the tree, assesses it quickly for defects, evaluates the risk posed by the subject tree, and reports the results of the assessment to the tree owner. Often, prior to a recommendation, a more detailed (Level 2 or Level 3) assessment will be required to gather additional data.

Level 2 Assessment

A Level 2 Assessment, also called a “basic assessment”, is a report detailing the information collected during a detailed visual inspection of the tree and the surrounding site. Such an inspection requires a 360 degree walk around, and may include the use of simple tools, such as binoculars, magnifying lenses, mallets, probes, and trowels or shovels. The goal is to get a more complete picture of the tree in its environment, as well as previous histories of failures, and a root to branch evaluation of not only the tree but also potential “targets” which falling tree limbs may impact. Targets are things such as structures, people, vehicles, or other things which may be damaged or injured by trees.



Level 3 Assessment

A Level 3 Assessment, also called an “advanced assessment”, provides detailed information about specific tree parts, targets, and risk associated with each potential interaction. By definition, it requires specialized equipment known as “advanced tools”, such as bucket trucks, resistance drills, sonic tomographs, and other such equipment. This is the most detailed and time-intensive type of assessment, and is typically only performed when a decision to retain or remove a tree is very difficult, as would be the case for a high quality tree near a potential target that has significant defects, the extent of which are not known, but must become known before making a decision.

Considerations in Assessing Risk

The following are meant for the reader to gain additional insight into the TRAQ process. Once again, TRAQ inspections were not performed on Village trees during the inventory data collection, but this information will help the reader understand the terminology better, and help inform staff and residents as to how and why these inspections are performed.

Likelihood of Tree Part Failure

Like it sounds, this is a process of determining how likely a tree part is to fail, and then how likely that failure is to impact a target. Likelihood of failure is an assessment of the tree’s defects, and the load on those defects, like weight, gravity, ice, or wind. The parts impacted are generally the roots, root plate, trunk, branches, or potentially whole tree failure at multiple points.

Likelihood of Tree Failure Impacting a Target

Determining the likelihood of impacting a target is figuring out the occupancy rate, or the amount of time that targets (particularly people or high value property) are within the fall zone. A large tree in the middle of a field could fail with little impact, but that same tree in a playground might have serious consequences. In many roadways, motor traffic is present day and night. All of the Village's inventoried 8,237 trees are in rights-of-way adjacent to roads, as well as on village owned properties. where failure of a tree not only impacts motorists, but it also has a potential effect on pedestrian traffic, private property, and utilities within rights-of-way also.



Consequences of a Tree Failure Impacting a Target

The potential consequences of the tree failure impacting a target are a cumulative function of both the "value" of the target (person vs car) and the consequences to that target if the tree fails. Whereas the previous step was concerned with occupancy rates, this step looks at the consequences of the impact, and assumes that the target is always present. To follow with the above example, it is assumed that if a parkway tree were to fail, that a car, utility line, and person are all underneath it at the time of failure, and the consequences to those targets is evaluated. Consequences are generally considered to be "minor" for targets that can be easily replaced or repaired, and step up through 4 levels with the highest level being "severe", which would constitute severe injury to a person, or even a fatality (see the table below).

Weather

Every tree, no matter how healthy, can fail from wind, lightning strikes, ice loading or soil saturation. "Normal" weather can cause tree or tree part failures for trees which have existing defects, like deadwood, cavities, or poor architecture. Extreme weather events, by contrast, can cause the failure of perfectly healthy trees. For all Tree Risk Assessments, Risk should be assessed assuming "normal" weather conditions. Though it should be noted that "normal" weather conditions for northeastern Illinois do include gusty winds, thunderstorms, snow, and even an occasional ice storm. It is the extremes of these events that should be considered abnormal.



SAMPLE Tree Risk Assessment Policy

The Village of Carol Stream has created this SAMPLE policy to show what a final policy to maintain an acceptable level of risk from its tree population(s) might look like. In order to maintain a high level of public safety, while mitigating undue burden, the Village shall adopt a policy which appears similar in nature to the following risk assessment protocols, pending review by our staff.

1. The Village maintains a tree inventory detailing the species, size, and condition of all trees on Village Parkways, as well as a basic level of risk posed by each tree. This UFMP recommends that the trees listed as being in elevated risk categories during the initial inventory be audited on an ad hoc basis. During these audits, qualified, responsible personnel in the Department of Public Works should inspect these trees and identify trees potentially posing an unacceptable level of risk. Such trees identified shall either be scheduled for a more detailed risk assessment (Level 2 or 3), or shall be mitigated, either by pruning or removal, as soon as practical following the assessment.
2. During normal course of work, or following storm events, employees will take note of trees, when possible, which may appear to present an elevated risk level shall be scheduled for a more detailed risk assessment (Level 2 or 3), or shall be mitigated, either by pruning, or removal, as soon as practical following the assessment.
3. Upon notification from a resident of a concern about a potentially high-risk tree, a qualified personnel from the Department of Public Works will respond as soon as practicable to perform a Level 1 Assessment. If a Level 2 or Level 3 Risk Assessment is required based on that inspection, it shall be performed within an additional ten (10) business days. A decision shall be made by qualified, responsible personnel in the Department of Public Works as to what the appropriate mitigation measures are, if any.
4. All trees determined to be in need of mitigating actions (removal, pruning, etc.) should be documented by qualified, responsible personnel in the Department of Public Works. The documentation shall include the date the assessment was performed, the species, size, and condition of the tree, and a brief narrative detailing which parts of the tree are likely to fail, the likelihood of failure, the likelihood of impacting a target, the consequences of tree or tree part failure, and the overall tree risk rating, per the ISA's TRAQ system of risk assessment.
5. A minimum branch diameter of three (3) inches, by ocular estimate, shall be the standard to which this risk assessment policy applies. Assessing all branches smaller than three inches represents an undue burden to the Village.

TRAQ Forms can be found in Appendix H at the end of this report.

TRAQ Tree Risk Assessment Matrices

Likelihood of Tree Failure Impacting Target

<u>Likelihood of Tree Failure</u>	<u>Likelihood of Impacting Target</u>			
	Very Low	Low	Medium	High
Imminent	Unlikely	Somewhat Likely	Likely	Very Likely
Probable	Unlikely	Unlikely	Somewhat Likely	Likely
Possible	Unlikely	Unlikely	Unlikely	Somewhat Likely
Improbable	Unlikely	Unlikely	Unlikely	Unlikely

Risk Rating Matrix

<u>Likelihood of Failure and Impact</u>	<u>Consequences</u>			
	Negligible	Minor	Significant	Severe
Very Likely	Low	Moderate	High	Extreme
Likely	Low	Moderate	High	High
Somewhat Likely	Low	Low	Moderate	Moderate
Unlikely	Low	Low	Low	Low

VILLAGE OF CAROL STREAM URBAN FOREST MANAGEMENT PLAN

Projected Budget

The budget numbers below, as mentioned several times through this Urban Forest Management Plan, are conservative figures based on current industry rates for the services listed. Based on input from Village staff, the budget begins this year with a dollar amount that is within their current annual budget for tree related expenses. From there, the budgets will vary each year depending on the cycle pruning zone, and projects through 2032 with costs ranging from approximately \$144,000-\$195,000. This 2027-2032 projection ranges include CPI, which is an annual 3% increase after the first 5 years. All these budget projections represent a necessary budget expense for such an increase in value of the urban forest.

REMOVALS	Milestones	2022	2023	2024	2025	2026	2027-2032
	Avg Trees Removed	100	100	100	100	100	100/year avg
	Avg Diameter Inches	1,000"	1,000"	1,000"	1,000"	1,000"	1,000"
	Removal Cost (2022)	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
	Removal Cost (CPI)	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,750 - \$28,980

PLANTINGS	Milestones	2022	2023	2024	2025	2026	2027-2032
	Avg Trees Planted	175	175	175	175	175	175/year avg
	Planting Cost (2022)	\$61,250	\$61,250	\$61,250	\$61,250	\$61,250	\$61,250
	Planting Cost (CPI)	\$61,250	\$61,250	\$61,250	\$61,250	\$61,250	\$63,090 - \$71,005

PRUNING	Milestones	2022 Zone 3	2023 Zone 4	2024 Zone 5	2025 Zone 6	2026 Zone 1	2027 Zone 2
	Trees Pruned	746	1505	1145	1674	1616	1551
	Notes	Cycle Prunes Zone 3	Cycle Prunes Zone 4	Cycle Prunes Zone 5	Cycle Prunes Zone 6	Cycle Prunes Zone 1	Cycle Prunes Zone 2
	Cost (2022)	\$37,300	\$75,250	\$57,250	\$83,700	\$80,800	\$77,550
	Cost (CPI)	\$37,300	\$75,250	\$57,250	\$83,700	\$80,800	Varies by Year

TOTALS	TOTALS - 2022 \$	\$123,550	\$161,500	\$143,500	\$169,950	\$167,050	\$163,800
	TOTALS - CPI 3%	\$123,550	\$161,500	\$143,500	\$169,950	\$167,050	Varies by Year

Summary / Conclusion

The Village of Carol Stream has a long history of maintaining a top-tier urban forest. The current status of the urban forest resource in Carol Stream is that it is extraordinarily well cared for, and a highly diverse tree population overall, which provides its residents with nearly \$1.2 million in benefits each year, or approximately 8 times the money invested in it on an annual basis.

That said, there are always areas where enhancements can be made, and this Urban Forest Management Plan has attempted to do so. Such goals as reducing the number of Maples and other overplanted species, attempting to grow some nursery stock on Village-owned land, and increasing overall tree canopy, among many others, are areas where the Village could make a great program even better.

And it is worth mentioning as we conclude this plan that urban forestry and care and maintenance of trees is a journey, and not a destination. It is of the utmost importance that this plan and its goals be reviewed every year or every other year so that evaluation of goals can be made, and the urban forestry program can be adaptively managed. Trees are long-lived organisms, and must fight through many circumstances, both known and unforeseen. Therefore, this document is meant to be a starting point, and not an ending point. Now with goals established, those goals can continually be reevaluated for success or failure and altered as necessary.

We hope that the value of trees to the community has been shown here, both in terms of hard dollars as well as some of the intangible services such as pollution reduction and carbon sequestration. These are things that many people do not consider in their daily lives, and we hope that reading this document has helped to establish a sense of wonder about trees and the benefits they provide society.

We also hope that this document helps to advance the field and science of Arboriculture, and the culture of safety that it thrives on. All too often, we see people looking at the urban forest as “just a bunch of trees”, when in reality, and as hopefully this document has shown, the situation is far more complex than that. There are excellent careers to be had in the green industry and specifically in Arboriculture, and it is hoped that maybe this document has inspired or will at some point inspire people to consider this as a career option.

We thank the Village of Carol Stream and its staff and local stakeholders for their partnership in writing this plan, as well as the funding streams from the US Forest Service and Illinois Department of Natural Resources. The Village of Carol Stream has a bright future ahead if it in terms of Urban Forestry, and it has been a pleasure being part of that process.



Glossary of Terms

Aerial Device: Any piece of equipment expressly intended to elevate a human worker above the level at which they typically stand with their feet on the ground surface. Can include but is not limited to bucket trucks, scissor lifts, etc

Aggressive: A floral or faunal organism which is native (endemic) to the United States or northern Indiana, but which is known to outcompete other more desirable organisms

Arborist: An individual engaged in the profession of arboriculture who is educated, trained and licensed to provide for or supervise the management of trees and other woody plants

Arborist Trainee: Any person working under the direct supervision of an Arborist or Certified Arborist

Balled and Burlapped: A tree, shrub, or other plant prepared for transplanting by allowing the roots to remain covered by a ball of soil around which canvas or burlap is tied and secured with a basket.

Bare Root: Harvested plants from which the soil or growing medium has been removed

Best Management Practices (BMP): Methods or techniques found to be the most effective and practical means in achieving an objective while making the optimum use of resources.

Caliper: Standard nurseryman's measure of tree diameter (size). Caliper measurement of the trunk shall be taken six inches above the ground up to and including four-inch caliper size. If the caliper at six inches above the ground exceeds four inches, the caliper should be measured at 12 inches above the ground.

Certified Arborist: An individual who has sufficient experience in the field of Arboriculture, and has been certified by the International Society of Arboriculture as being a Certified Arborist

Border Trees: Trees whose trunks, when measured at DBH, are situated on both Public and private property

Branch Collar: The branch collar is the point where a branch joins the trunk or another branch. This is the area the arborist chooses to make a proper cut.

Climbing Line: Any rope or other such material explicitly intended for bearing the weight of a human being

Collected Plants: Trees or shrubs which have been sourced from private property for the intent of transplanting elsewhere

Compacted Soil: A high-density soil lacking structure and porosity, characterized by restricted water infiltration and percolation (drainage), and limited root penetration

Consumer Price Index: an index of the variation in prices paid by typical consumers for retail goods and other items

Containerized: A tree, shrub, or other plant prepared for transplanting, or grown in, a solid-walled container such as a plastic pots or wooden boxes

Contracted Staff: People working for the Village as part of an independently owned and operated private company which performs work for the Village, but who are not directly employed by the Village

Controlling Authority: An agency, organization, or corporate entity with the legal authority and/or obligation to manage individual trees or tree populations

Crew Leader: Any personal who has by direction or implication been chosen to lead a team of In-House or Contracted Staff

Crown: The upper part of a tree, measured from the lowest branch, including all branches and foliage

Critical Root Zone (CRZ): The minimum volume of roots necessary for a tree to have health and stability

Cycle Pruning: The process of routine maintenance pruning of trees, not related to storm damage or other hazard or emergency related-pruning, that occurs on a set and predictable time scale set forth by the Village

Deadwood: Wood on a tree or shrub which is no longer biologically living and becomes brittle or prone to failure

Decline/Declining: Trees or shrubs which are experiencing symptoms of a general decline on health due to age, pest, or pathogen related issues

Desirable: A Tree or other plant whose characteristics are sought after due to ecology, aesthetics, or public safety

Diameter or DBH: Diameter at Breast Height. A standard forestry measure of tree diameter (size), measured at 4.5' above ground level on the uphill side of a tree using a Diameter Tape or Biltmore Stick

Digging Machine(s): Any piece of mechanical equipment whose express purpose is to remove soil and plants from their current locations

Diseased: The status of a tree which has been negatively impacted by a pathogen, bacterial, fungal, viral, or similar lower life forms

Drip Line: The soil surface delineated by the branch spread of a single plant or group of plants

Drought: A period of two weeks or greater, during which there is less than one inch of rainfall, when the average daytime temperature during that same period exceeds 75 degrees Fahrenheit.

Dutch Elm Disease: A fungal pathogen which causes the decline and death of specific species of Elm trees.

Dying: A tree which is in the process of biological death due to senescence, disease, infestation, or other such malady from which there is very little to no hope of long-term survival

EAB: Emerald Ash Borer. An invasive beetle pest which affects all Ash trees.

Establishment Pruning: The pruning of a young tree in order to establish proper form and branching habit.

Established Trees: Those trees which have been permanently planted for a period of no less than 6 months, and which have permanent roots established in the soil

Failure (tree failure): Breakage of stem or branches, or loss of mechanical support in the root system

Feeder Root: Any portion of the below ground portions of the tree whose purpose is to absorb water and nutrients

Floodplain: Land which has been determined to be periodically inundated with water from a nearby moving or static water body, such as a lake or river. Determined by the Federal Emergency Management Agency

Flush Cut: Either a pruning cut or final cut to remove a stump, for which the maximum acceptable distance from the ground or the branch bark ridge shall be no greater than 2 inches.

Full-Time: An employee who has regular employment through the Village and whose work hours exceed 36 hours in a week, and who is employed year-round.

Fungal: Any of a group of spore-producing organisms feeding on organic matter, including molds, yeast, mushrooms, and toadstools.

Grade: The level or pitch of a certain piece of land, as defined by the trees or shrubs which inhabit it

Hardscape: The nonliving or man-made fixtures of a planned outdoor area, such as sidewalks, retaining walls, street lamps, etc.

Hazard: A known and documented state of imperiling public safety

Healthy Tree: Any tree which is successfully adapting to it's environment, and shows no signs of disease, pests, pathogens, or other such maladies, as determined by the Village or Forestry Consultant(s)

Host: An organism which is susceptible to a known pest or pathogen

Infested: The status of a tree which has been negatively impacted by pests

In-House Staff: Staff directly employed by the Village of Carol Stream, on either a full-time or Part-Time Basis

Invasive: A floral or faunal organism which is not native (endemic) to the United States or northern Indiana

Job Site: Any geographic location where a person or persons will be performing activities related to the care and maintenance of Village of Carol Stream property

J.U.L.I.E. (811): The Illinois underground utility locating service

Liner Nursery: A privately owned plant propagation facility which specializes in the growth of small trees which are intended to be planted for growth into a full form

Managed: A tree or shrub which is in an area of the Village which is routinely mowed and managed. Not a wild forest grown tree or shrub, or area containing such trees and shrubs

Manufacturer's Recommendations: Any expressly written instruction manual for a given piece of equipment that details how said equipment is supposed to be managed or maintained

Mineral Soil: Any substrate which is composed of a variety of rocks and minerals in various states of decomposition, leading to the development of a substance on which living plants may live

Mitigation: The process of diminishing risk

Monoculture: A population of trees in close proximity to one another which is comprised of 3 species or less of trees and shrubs which is prone to pest or pathogen outbreak

Natural Resources: Flora, fauna, and other such living and non-living parts of the environment which the Village of Carol Stream maintains

Nursery Stock: Woody Perennials which are of a "Tree Form" growth habit and are supplied by a nursery contractor for planting. Not established trees.

Park District Property: Land which, by deed or title, belongs to the Village of Carol Stream

Parkway Tree: Any woody plant within a Publicly-Owned right-of-way, or any other property owned or managed by the Village of Carol Stream

Part-Time: An employee who has regular employment through the Village and whose work hours are less than 36 hours in a week, and who is employed year-round.

Pathogen: A fungus, virus, or other such microscopic organism which causes decline or death of trees

Pest: An insect or other macrofaunal organism which causes decline or death of trees

Private Property: Land which, by deed or title, does not belong to the Village of Carol Stream

Public Safety: The welfare and protection of the general public

Reforestation: The process by which trees are planted to replace trees which have been removed

Rigging Line: Any rope or other such material explicitly intended for bearing the weight of a tree limb. Not to be used for supporting a human being.

Right-of-Way (ROW): The publicly-owned land on which a road, drainage ditch, trail, or other public access is built

Risk: A situation involving potential exposure to danger or endangering public safety

Root Protection Zone (RPZ): The area on the ground surrounding a tree in which excavation, compaction, and other construction-related activities should be avoided or mitigated

Saddle: A piece of equipment expressly intended to hold a human being above ground level with the assistance of a rope or other such device

Sanitation Pruning: The removal of tree limbs that have become diseased or infested, in order to prevent the spread of disease or infestation from spreading throughout the rest of the tree e.g., Dutch Elm Disease, Black Knot Fungus, etc.

Seasonal Employees: Those employees retained by the Village for less than 6 months out of the calendar or budget year

Shrub: Any woody perennial which has a multi-stemmed growth habit not consistent with being considered a tree. Can be subject to interpretation by Carol Stream Staff.

Sound Wood: Structurally sound, non-decayed, non-compromised wood in the trunk or Scaffold Branches

Staff: Those employees retained by the Village on a full-time basis with benefits provided

Structural Root: Any portion of the below ground portions of the tree whose purpose is to stabilize the plant against the forces of wind and gravity

TRAQ: Tree Risk Assessment Qualification. The International Society of Arboriculture's formal status of an individual who is qualified to assess the risk that trees may bring to the general public

Tree Protection Zone (TPZ): The area surrounding a tree in which excavation and other construction-related activities should be avoided

Tree Risk: The likelihood and consequences of failure of a tree or tree parts

Tree Risk Assessment: A systematic process used to identify, analyze, and evaluate tree risk

Underperforming: Trees which have systematic health and vigor issues resulting in poor health, architecture, or other such maladies as determined by Village staff

Undesirable: A tree which is not desired in the landscape due to ecological, aesthetic, or public safety reasons, as determined by Carol Stream Staff

Unmanaged: A tree or shrub which is in an area of the Village of Carol Stream which is not routinely mowed and managed. A wild forest grown tree or shrub, or area containing such trees and shrubs.

Urban Wood: Any tree or other woody perennial material which has been harvested for the sole purpose of long term storage in the form of furniture, recreational material, etc. Differentiated from “Reclaimed Wood”

Utility Arborist: A person explicitly trained in the management of trees and other plants in relation to energized power lines. Someone who is licensed to work with conflicts between trees and such energized power lines

Appendix A: Acceptable and Unacceptable Species

Species not appearing on this list can be approved or disallowed by consensus of the Tree Commission, acting under the supervision of the Village Arborist and/or Forestry Consultant

NOT APPROVED	APPROVED SPECIES			
	Large Trees	Medium Trees	Small Trees	Evergreens-Non-Parkway
Any Size				
AILANTHUS	BALDCYPRESS	ALDER	AMERICAN REDBUD	ARBOR VITAE
AMUR CORKTREE	BEECH-AMERICAN	AMUR MAACKIA	APPLE-CRAB	DOUGLAS FIR
ASH-EUROPEAN	BEECH-EUROPEAN	BIRCH-RIVER	APPLE-EDIBLE	EASTERN REDCEDAR
ASH-GREEN	BLACK LOCUST	BLACKGUM	BUCKEYE-RED	FIR-CONCOLOR
ASH-WHITE	BUCKEYE-OHIO	ELM-CHINESE	CHERRY-ORNAMENTAL	HEMLOCK-SPP
BOXELDER	BUCKEYE-YELLOW	HARDY RUBBER TREE	DOGWOOD-SPP	JUNIPER-COMMON
BUCKTHORN	CATALPA	HAZELNUT-TURKISH	HAWTHORN-COCKSPUR	PINE-AUSTRIAN
BURNING BUSH	CHESTNUT-CHINESE	HORNBEAM-AMERICAN	HAWTHORN-SPP	PINE-MUGO
CHERRY-BLACK/PIN	DAWN REDWOOD	HORNBEAM-EUROPEAN	HYDRANGEA-PEEGEE	PINE-WHITE
COTTONWOOD	ELM-HYBRID	IRONWOOD	LILAC-SHRUB	SPRUCE-BLUE
ELM-AMERICAN	GINKGO*	KATSURA	LILAC-TREE	SPRUCE-NORWAY
ELM-SIBERIAN	HACKBERRY	MAPLE-HEDGE	MAGNOLIA-SAUCE	SPRUCE-SPP
HONEYSUCKLE	HICKORY-SPP	MAPLE-MIYABEI	MAPLE-JAPANESE	YEW
MAPLE-NORWAY	HONEYLOCUST	MAPLE-PAPERBARK	PEACH/NECTARINE	
MAPLE-SILVER	HORSECHESTNUT	MAPLE-SHANTUNG	PLUM-SPP	
MULBERRY-SPP	KENTUCKY COFFEETREE*	MAPLE-TRIFLORUM	ROSE OF SHARON	
PEAR-CALLERY	LARCH	OAK-CHINKQUAPIN	SERVICEBERRY-SPP	
POPLAR-SPP	LINDEN-AMERICAN	OAK-ENGLISH	SMOKETREE	
POPLAR-WHITE	LINDEN-LITTLELEAF	OAK-SHINGLE	WITCH HAZEL	
PRINCESS TREE	LONDON PLANETREE	PERSIAN IRONWOOD		
RUSSIAN OLIVE	MAGNOLIA-CUCUMBER	YELLOWWOOD		
WALNUT-ANY	MAPLE-AUTUMN BLAZE	GOLDEN RAIN TREE		
	MAPLE-SUGAR	MOUNTAIN ASH		
	OAK-BLACK	PEAR-EDIBLE		
	OAK-BURR	SASSAFRASS		
	OAK-PIN	SEVENTH SON FLOWER		
	OAK-RED			
	OAK-SWAMP WHITE			
	OAK-WHITE			
	PAGODATREE			
	PERSIMMON			
	SYCAMORE			
	TULIPTREE			
	ZELKOVA			

* - Male Only

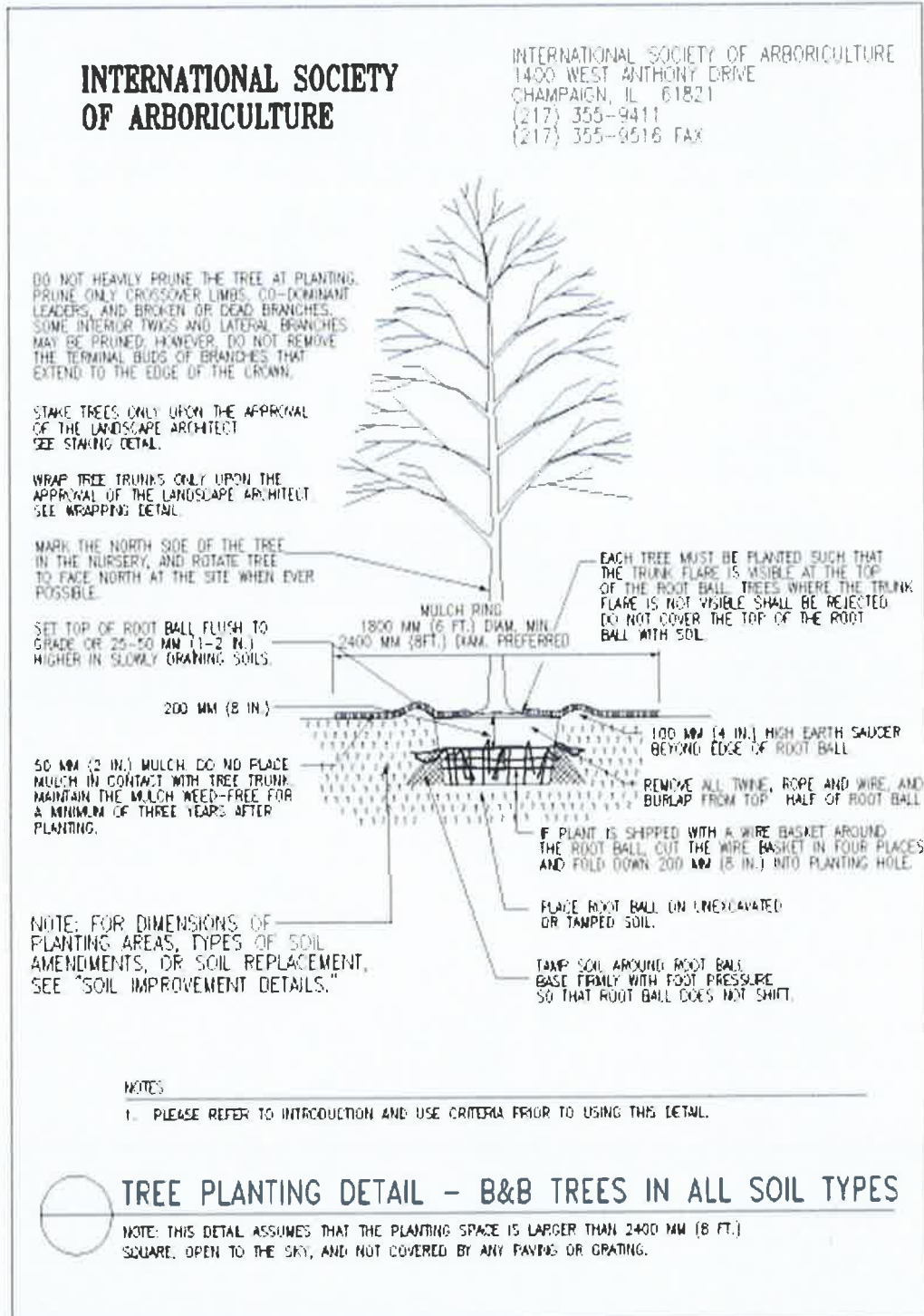
Appendix B: Additional Comments on Species

SPECIES	COMMENTS	SPECIES	COMMENTS
AILANTHUS	NOT APPROVED	LILAC-SHRUB	Parks Only
ALDER-SPP		LILAC-TREE	Improved varieties, tree form only
AMERICAN HORNBEAM		LINDEN-AMERICAN	
AMERICAN REDBUD		LINDEN-LITTLELEAF	
AMUR MAAACKIA		LINDEN-SILVER	
APPLE-CRAB SPP	Apple Scab resistant varieties only	LINDEN-SPP	
APPLE-EDIBLE	Parks Only	LONDON PLANETREE	Prefer 'Exclamation!', 'Bloodgood' not allowed
APRICOT	NOT APPROVED	MAGNOLIA-CUCUMBER	
ARBOR VITAE	Parks only	MAGNOLIA-SAUCER	Scale resistant varieties only
ASH-BLUE	NOT APPROVED	MAGNOLIA-SHRUB	tar Magnolia or similar Magnolia pruned to tree form
ASH-GREEN	NOT APPROVED	MAPLE-AUTUMN BLAZE	Or other similar Acer x freemannii
ASH-WHITE	NOT APPROVED	MAPLE-BLACK	
ASPEN	Improved varieties only	MAPLE-HEDGE	
BALDCYPRESS	Prefer 'Shawnee Brave'	MAPLE-JAPANESE	Small growing space only
BEECH-AMERICAN		MAPLE-MIYABEI	Prefer 'State Street'
BEECH-SPP	Prefer 'Tricolor' or 'Riversii'	MAPLE-NORWAY	NOT APPROVED
BIRCH-RIVER	Prefer Single stem only	MAPLE-PAPERBARK	
BIRCH-SPP	Sweet Birch, Yellow Birch, or other newintroductions	MAPLE-RED	Improved varieties only
BLACK LOCUST	Improved varieties only, prefer 'Purple Robe'	MAPLE-SILVER	NOT APPROVED
BLACKGUM		MAPLE-SUGAR	Prefer 'Green Mountain'
BOXELDER	NOT APPROVED	MOUNTAIN ASH	Improved varieties only
BUCKEYE-OHIO		MOUNTAIN ASH-EUROPEAN	Improved varieties only
BUCKEYE-RED	Prefer 'Ft. McNair' or Bottlebush	MULBERRY-SPP	NOT APPROVED
BUCKEYE-YELLOW		OAK-BURR	
BUCKTHORN	NOT APPROVED	OAK-CHESTNUT	
BURNING BUSH	NOT APPROVED	OAK-CHINKQUAPIN	
CAROLINA SILVERBELL	Protected sites only	OAK-ENGLISH	
CATALPA		OAK-PIN	
CHERRY-BLACK	NOT APPROVED	OAK-RED	
CHERRY-PURPLE LEAF		OAK-SWAMP WHITE	
CHERRY-SPP	Ornamental, Black Knot resistant varieties only	OAK-WHITE	
COTTONWOOD	NOT APPROVED	OTHER	Open for new introductions
DAWN REDWOOD		PAGODATREE	
DOGWOOD-SPP	Hardy varieties only	PEACH	Parks only
DOUGLAS FIR	Parks only	PEAR-CALLERY	NOT APPROVED
EASTERN REDCEDAR	Parks only	PEAR-EDIBLE	Parks Only
ELM-AMERICAN	NOT APPROVED	PERSIAN IRONWOOD	Medium growing space only
ELM-HYBRID	Hardy varieties only	PERSIMMON	American variety preferred (Diospyros virginiana)
ELM-RED	NOT APPROVED	PINE-AUSTRIAN	Parks Only
ELM-SIBERIAN	NOT APPROVED	PINE-SCOTCH	Parks only
ELM-SPP	New cultivar introductions	PINE-WHITE	Parks only
EUONYMUS	Eastern Wahoo ONLY no non-native varieties	PLUM-SPP	Parks Only
FIR-SPP	Parks only	PUSSYWILLOW	Parks only
FRINGETREE		ROSE OF SHARON	
GINKGO	Male only	SASSAFRAS	
GOLDEN RAINTREE		SERVICEBERRY-SPP	Prefer 'Autumn Brilliance'
HACKBERRY		SEVENTH SON FLOWER	
HARDY RUBBER TREE		SHRUB-SPP	Parks only, open for new introductions
HAWTHORN-SPP	Thornless varieties only	SMOKETREE	American variety preferred, small growing space only
HICKORY-BITTERNUT		SPRUCE-BLUE	Parks only
HICKORY-SHAGBARK		SPRUCE-NORWAY	Parks only
HONEYLOCUST	Prefer 'shademaster' or 'inermis'	SPRUCE-SPP	Parks only
HONEYSUCKLE	NOT APPROVED	SUMAC	Parks only
HORNBEAM-EUROPEAN		SYCAMORE	In natural areas only, London Planetree preferred
HORSECHESTNUT		TULIPTREE	
HYDRANGEA-PEEGEE		VIBURNUM	Tree form only
IRONWOOD		WALNUT-BLACK	NOT APPROVED
JUNIPER-COMMON	Parks Only	WILLOW-SPP	NOT APPROVED
KATSURA		YELLOWWOOD	
KENTUCKY COFFEETREE	Fruitless varieties only	YEW	Parks Only
LARCH		ZELKOVA	Prefer 'Green Vase'

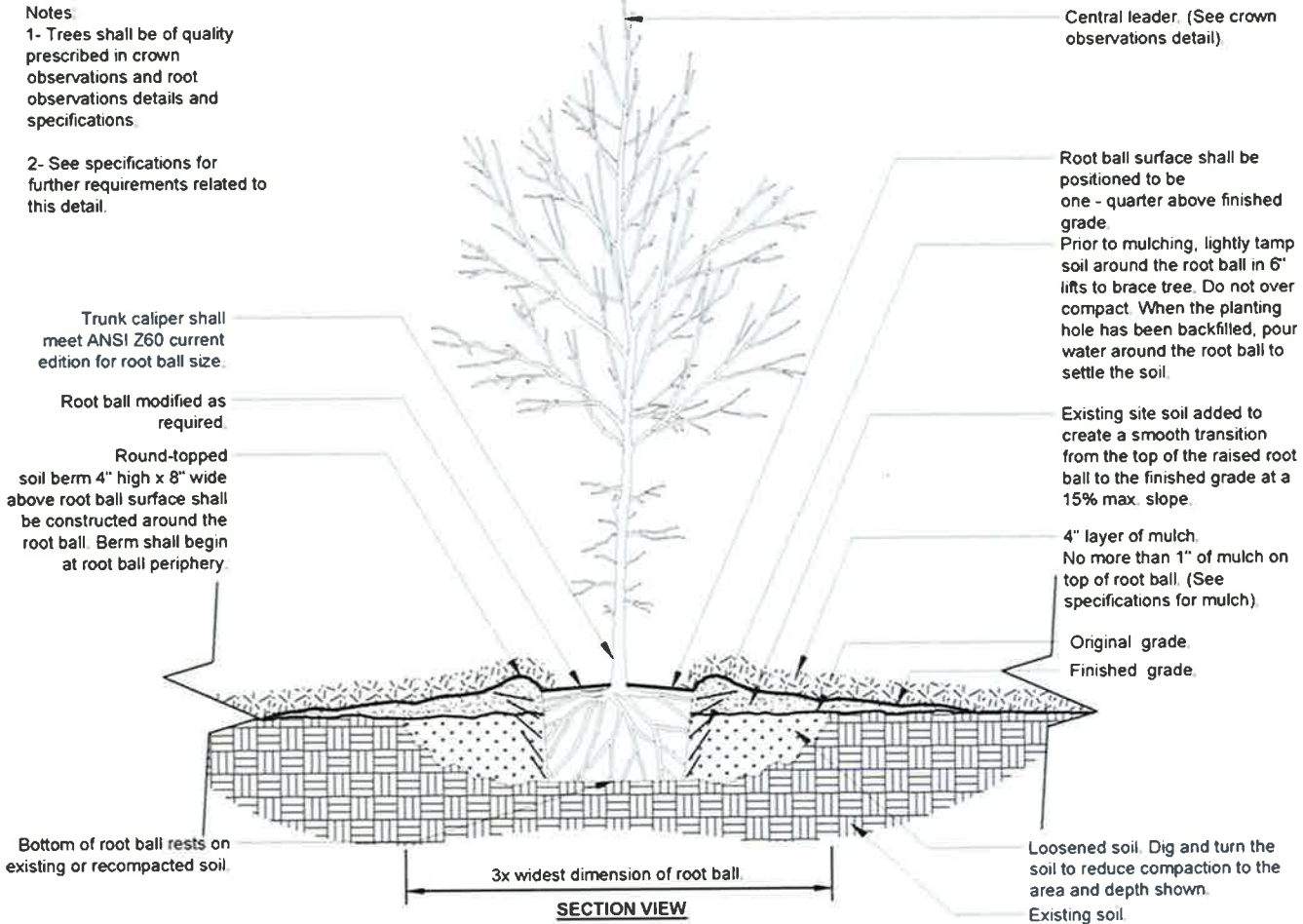
Appendix C: Species Substitutions

Species	Planting Time	Acceptable Substitutes
Alder, Black/Speckled	Spring	River Birch, Planetree
Amur Maackia	Spring	Yellowwood, Shingle Oak
Baldcypress	Spring	Larch, Dawn Redwood
Beech, European	Spring	Red Oak, Buckeye
Birch, River (Multi Stem)	Spring	Alder, Swamp White Oak
Birch, White	Spring	River Birch, Alder
Black Locust (Purple Robe)	Any	Honeylocust, Kentucky Coffeetree
Blackgum	Spring	Sweetgum, Dogwood
Buckeye, Ohio (Autumn Splendor)	Any	Horsechestnut, Catalpa
Buckeye, Red	Spring	Dogwood, Hawthorn
Buckeye, Yellow	Spring	Planetree, Sweetgum
Catalpa	Any	Kentucky Coffeetree, Tuliptree
Cherry, Sargent	Spring	Red Buckeye, Tree Lilac
Chestnut, Chinese	Spring	Turkish Hazelnut, Persimmon
Crabapple (Larger)	Any	Tree Lilac, Hawthorn
Dawn Redwood	Spring	Baldcypress, Larch
Dogwood, Cornelian	Spring	Tree Lilac, Hawthorn
Dogwood, Pagoda	Spring	Sargent Cherry, Smoketree
Douglas Fir	Spring	Concolor Fir, Spruce
Elm, Hybrid (Larger)	Any	Hackberry, Hardy Rubbertree
Fir, Concolor	Spring	Douglas Fir, Spruce
Ginkgo (Standard)	Any	Tuliptree, Catalpa
Golden Raintree	Spring	Katsura, Magnolia
Hackberry, Common	Any	Hybrid Elm, Hardy Rubbertree
Hardy Rubber Tree	Any	Tuliptree, Zelkova
Hawthorn, 'Inermis'	Any	Crab Apple, Dogwood
Hawthorn, Winterking	Any	Tree Lilac, Smoketree
Hazelnut, Turkish	Spring	Persimmon, Catalpa
Hickory, Bitternut	Spring	Oak spp, Beech spp
Hickory, Shagbark	Spring	Oak spp, Beech spp
Hornbeam, American	Spring	Ironwood, Hawthorn
Hornbeam, European (Columnar)	Spring	English Oak (columnar)
Horsechestnut (Baumani)	Any	Buckeye, Catalpa
Ironwood	Spring	American Hornbeam, Hawthorn
Katsura	Spring	Magnolia, Seventh Son Flower
Kentucky Coffeetree	Any	Honeylocust, Black Locust
Larch	Spring	Baldcypress, Dawn Redwood
Lilac, Japanese Ivory Silk	Any	Hawthorn, Sargent Cherry
Linden, Greenspire	Any	Kentucky Coffeetree, Hybrid Elm
Linden, Redmond	Any	Catalpa, Hackberry
Locust, Skyline	Any	Kentucky Coffeetree, Black locust
London Planetree	Spring	Sweetgum, Blackgum
Magnolia, Cucumber	Spring	Yellow Buckeye, Catalpa
Magnolia, Saucer	Spring	Persian Ironwood, Katsura
Magnolia, Star	Spring	Sargent Cherry, Smoketree
Maple, Autumn Blaze	Any	Black Maple, Shantung Maple
Maple, Black	Any	Shantung Maple, Autumn Blaze
Maple, Paperbark	Spring	Triflorum Maple, Tree Lilac
Maple, Shantung	Any	Sugar Maple, Miyabei Maple
Maple, Sugar	Any	Autumn Blaze, Shantung Maple
Maple, Triflorum	Spring	Paperbark Maple, Tree Lilac
Mountain Ash	Spring	Black Locust, Hawthorn
Oak, Burr	Spring	Shingle Oak, Swamp White Oak
Oak, English (Columnar)	Any	European Hornbeam
Oak, English (Standard)	Any	White Oak, Burr Oak
Oak, Red	Spring	Black Oak, Chinquapin Oak
Oak, Shingle	Spring	Chinquapin Oak, English Oak
Oak, Swamp White	Spring	London Planetree, Burr Oak
Oak, White	Spring	Burr Oak, English Oak
Oak, Chinquapin	Spring	Shingle Oak, Red Oak
Persian Ironwood	Spring	Seventh Son Flower, Katsura
Persimmon	Spring	Turkish Hazelnut, Zelkova
Pine, Limber	Spring	Spruce, Concolor Fir
Pine, Red	Spring	Douglas Fir, Eastern Redcedar
Poplar, Hybrid	Any	London Planetree, Baldcypress
Redbud	Any	Serviceberry, Hawthorn
Redcedar, Eastern	Spring	Spruce, Douglas Fir
Serviceberry	Any	Redbud, Tree Lilac
Seventh Son Flower	Spring	Persian Ironwood, Katsura
Smoketree	Spring	Magnolia, Seventh Son Flower
Sourwood	Spring	Blackgum, Sweetgum
Spruce, Black Hills	Spring	Eastern Redcedar, Concolor Fir
Spruce, Blue	Spring	Eastern Redcedar, Douglas Fir
Spruce, Norway	Spring	Eastern Redcedar, Concolor Fir
Spruce, Serbian	Spring	Eastern Redcedar, Douglas Fir
Sweetgum	Spring	Yellow Buckeye, Larch
Tuliptree	Any	Zelkova, Ginkgo
Yellowwood	Spring	Amur Maackia, Shingle Oak
Zelkova	Spring	Tuliptree, Ginkgo

Appendix D: Balled and Burlapped Planting Detail



Appendix E: Containerized Planting Detail

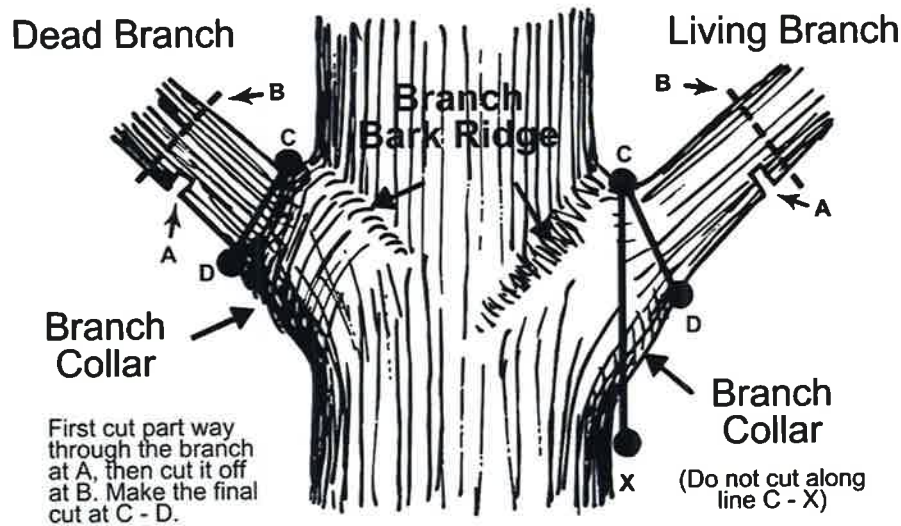


P-X

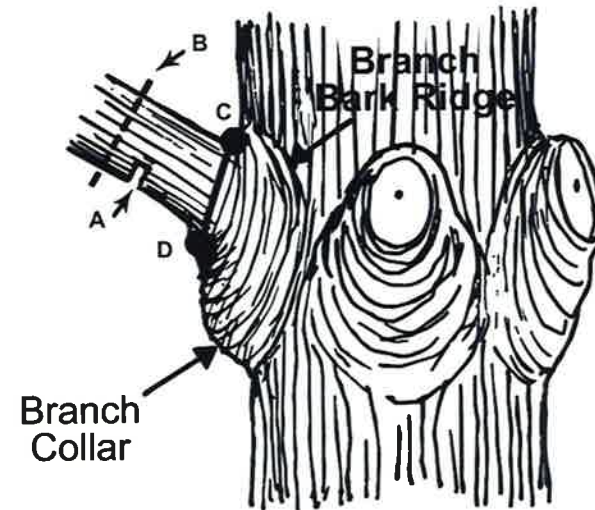
TREE IN POORLY DRAINED SOIL

URBAN TREE FOUNDATION © 2014
OPEN SOURCE FREE TO USE

Proper Pruning Principles

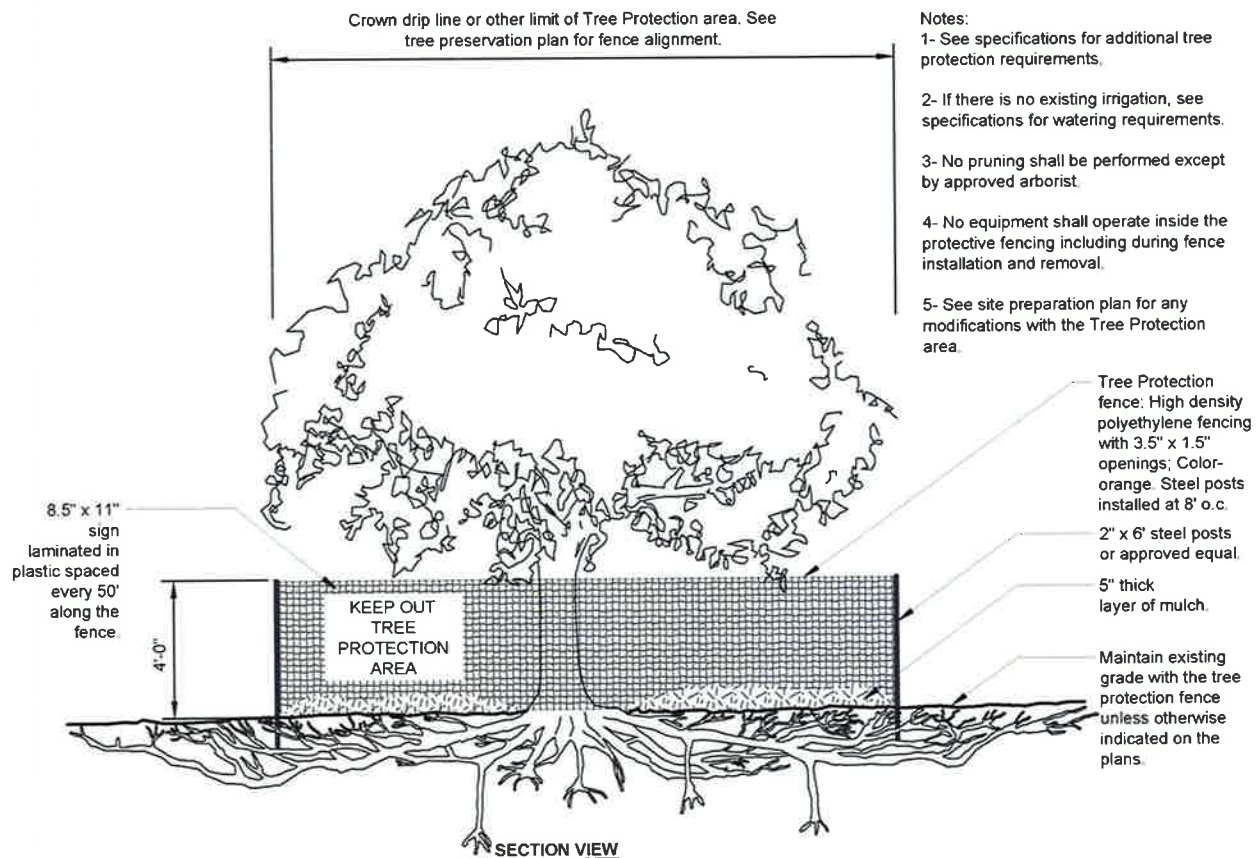


Hardwoods



Conifers

Appendix G: Tree Protection Detail



S-X TREE PROTECTION

URBAN TREE FOUNDATION © 2014
OPEN SOURCE FREE TO USE

Appendix H: ISA Tree Risk Assessment Form (TRAQ Level 2-Basic)

ISA Basic Tree Risk Assessment Form

Client _____ Date _____ Time _____
 Address/Tree location _____ Tree no. _____ Sheet _____ of _____
 Tree species _____ dbh _____ Height _____ Crown spread dia. _____
 Assessor(s) _____ Time frame _____ Tools used _____

Target Assessment

Target number	Target description	Target zone			Occupancy rate 1 - rare 2 - occasional 3 - frequent 4 - constant	Practical to move target?	Restriction practical?
		Target within drip line	Target within 1 x Ht.	Target within 1.5 x Ht.			
1							
2							
3							
4							

Site Factors

History of failures _____ Topography Flat Slope _____ % Aspect _____

Site changes None Grade change Site clearing Changed soil hydrology Root cuts Describe _____

Soil conditions Limited volume Saturated Shallow Compacted Pavement over roots _____ % Describe _____

Prevailing wind direction _____ Common weather Strong winds Ice Snow Heavy rain Describe _____

Tree Health and Species Profile

Vigor Low Normal High Foliage None (seasonal) None (dead) Normal _____ % Chlorotic _____ % Necrotic _____ %

Pests _____ Abiotic _____

Species failure profile Branches Trunk Roots Describe _____

Load Factors

Wind exposure Protected Partial Full Wind funneling _____ Relative crown size Small Medium Large

Crown density Sparse Normal Dense Interior branches Few Normal Dense Vines/Mistletoe/Moss _____

Recent or planned change in load factors _____

Tree Defects and Conditions Affecting the Likelihood of Failure

— Crown and Branches —

Unbalanced crown LCR _____ % Cracks _____ Lightning damage
 Dead twigs/branches _____ % overall Max. dia. _____ Codominant _____ Included bark
 Broken/Hangers Number _____ Max. dia. _____ Weak attachments _____ Cavity/Nest hole _____ % circ.
 Over-extended branches Previous branch failures _____ Similar branches present
 Pruning history Dead/Missing bark Cankers/Galls/Burls Sapwood damage/decay
 Crown cleaned Thinned Raised Conks Heartwood decay
 Reduced Topped Lion-tailed Response growth _____
 Flush cuts Other _____

Main concern(s) _____

Load on defect N/A Minor Moderate Significant
 Likelihood of failure Improbable Possible Probable Imminent

— Trunk —

Dead/Missing bark Abnormal bark texture/color
 Codominant stems Included bark Cracks
 Sapwood damage/decay Cankers/Galls/Burls Sap ooze
 Lightning damage Heartwood decay Conks/Mushrooms
 Cavity/Nest hole _____ % circ. Depth _____ Poor taper
 Lean _____ ° Corrected? _____

Response growth _____
 Main concern(s) _____

Load on defect N/A Minor Moderate Significant
 Likelihood of failure Improbable Possible Probable Imminent

— Roots and Root Collar —

Collar buried/Not visible Depth _____ Stem girdling
 Dead Decay Conks/Mushrooms
 Ooze Cavity _____ % circ.
 Cracks Cut/Damaged roots Distance from trunk _____
 Root plate lifting Soil weakness

Response growth _____
 Main concern(s) _____

Load on defect N/A Minor Moderate Significant
 Likelihood of failure Improbable Possible Probable Imminent

VILLAGE OF CAROL STREAM URBAN FOREST MANAGEMENT PLAN

Risk Categorization																					
Condition number	Tree part	Conditions of concern	Part size	Fall distance	Target number	Target protection	Likelihood									Consequences				Risk rating of part (from Matrix 2)	
							Failure			Impact			Failure & Impact (from Matrix 1)			Negligible	Minor	Significant	Severe		
							Improbable	Possible	Probable	Imminent	Very low	Low	Medium	High	Unlikely						Somewhat
1																					
2																					
3																					
4																					

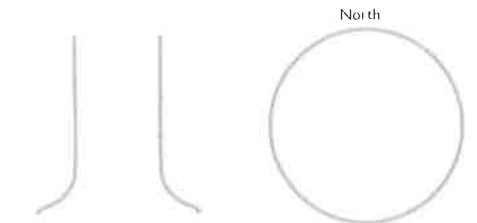
Matrix 1. Likelihood matrix.

Likelihood of Failure	Likelihood of Impacting Target			
	Very low	Low	Medium	High
Imminent	Unlikely	Somewhat likely	Likely	Very likely
Probable	Unlikely	Unlikely	Somewhat likely	Likely
Possible	Unlikely	Unlikely	Unlikely	Somewhat likely
Improbable	Unlikely	Unlikely	Unlikely	Unlikely



Matrix 2. Risk rating matrix.

Likelihood of Failure & Impact	Consequences of Failure			
	Negligible	Minor	Significant	Severe
Very likely	Low	Moderate	High	Extreme
Likely	Low	Moderate	High	High
Somewhat likely	Low	Low	Moderate	Moderate
Unlikely	Low	Low	Low	Low



Notes, explanations, descriptions _____

Mitigation options _____ Residual risk _____
 _____ Residual risk _____
 _____ Residual risk _____
 _____ Residual risk _____

Overall tree risk rating Low Moderate High Extreme Work priority 1 2 3 4
 Overall residual risk Low Moderate High Extreme Recommended inspection interval _____
 Data Final Preliminary Advanced assessment needed No Yes-Type/Reason _____
 Inspection limitations None Visibility Access Vines Root collar buried Describe _____

Appendix I: ANSI Z133.1 Standards - Applies to All Sections

All of the ANSI Z133.1 safety standards shall apply to all tree care operations outlined in the Urban Forest Management Plan. Listed below is a basic overview of the standard, and it is not verbatim. A full text of this manual will be made available to all Village of Carol Stream employees and contractors involved with tree care operations.

1. All tools and equipment utilized during tree care operations, including those not specifically mentioned below, shall be inspected and maintained by qualified personnel in accordance with the manufacturer's care instructions.
2. All staff shall be trained in the proper use, inspection, and maintenance of said equipment.
3. Certified arborists or arborist trainees shall conduct job briefings daily prior to tree care operations of any kind and the information shall be communicated to all workers.
4. All activities performed on any job site for any activity outlined in this Urban Forest Management Plan shall comply with all applicable OSHA guidelines and standards.
5. Traffic and pedestrian control shall be established around the job site prior to the beginning of tree care operations.
6. Emergency contact information and a safety kit conforming to the ANSI Z308.1 standards shall be made available to all workers. All employees shall have basic instruction on the use of CPR and First Aid.
7. Personal Protective Equipment (PPE) shall be required when there is a reasonable probability of injury or illness on the job site. Such a determination will be made by the Certified Arborist or Arborist Trainee prior to the beginning of tree care operations each day, and PPE shall be made available. PPE shall be well-maintained in accordance with the manufacturer's requirements.
8. Head protection shall conform to ANSI Z89.1, face and eye protection shall conform to ANSI Z87.1, respiratory protection shall comply with ANSI Z88.2, and leg protection shall always be worn when using a chainsaw.
9. Flammable liquids shall be kept a minimum of ten feet from open sources of flame or high heat and shall be stored in approved containers.
10. All Village staff and contractors working near electrical hazards shall be qualified to do so and shall be educated in the full ANSI standards for Electrical Hazards and Line Clearance.
11. Vehicles and mobile equipment shall be inspected and maintained by qualified personnel in accordance with the manufacturer's requirements and shall be equipped with all standard safety devices, decals, and instructions, and shall be operated within all federal, state, and local motor vehicle codes and ordinances.

12. Aerial devices shall be inspected and maintained by qualified personnel in accordance with the manufacturer's requirements, and shall be equipped with all standard safety devices, decals, and instructions.
13. Aerial devices shall be stabilized by wheel chocks, outriggers, or stabilizers as necessary for the device, and shall never be used to lift, hoist, or lower logs or equipment unless specifically designed to do so.
14. Aerial devices shall be equipped with fall protection devices and permanent load ratings, both in accordance with ANSI/SIA 92.2 or 92.5, as applicable to the specific aerial device.
15. No aerial device shall be allowed to make contact with electrical conductors, and minimum safe distances shall be maintained in accordance with the ANSIZ133.1 Standard.
16. All brush chippers shall be inspected and maintained by qualified personnel in accordance with the manufacturer's requirements, and shall be equipped with all standard safety devices, decals, and instructions.
17. Sprayers and related plant health care equipment shall be inspected and maintained by qualified personnel in accordance with the manufacturer's requirements, and shall be equipped with all standard safety devices, decals, and instructions.
18. Sprayer tanks or other similar enclosed spaces shall not be entered unless performed through a confined-space entry plan in accordance with OSHA 1910.46 Requirements, including air-quality testing, training, and PPE.
19. Chain saws and other similar portable power tools shall not be operated unless the manufacturer's safety devices are in proper working order. Such safety devices shall not be removed or modified.
20. Forestry staff shall have a minimum of two points of attachment to the tree or aerial device while operating a chainsaw at all times, unless the hazard posed by the second point of attachment poses a greater hazard than utilizing one point of attachment.
21. A visual hazard assessment, including a root collar inspection, shall be performed by a certified arborist or arborist trainee prior to climbing, entering, or performing work in or on any tree, and a second crew member shall be within visual or voice communication at all times during arboricultural operations that are in excess of 12 feet from the ground surface.
22. All ropes, saddles, carabiners, and other similar climbing equipment shall be: a) approved for use in the tree care industry by the manufacturer, b) have a minimum breaking strength or load capacity of 5,000 lbs., c) be inspected before each use, d) Equipment shall be removed from service when it shows signs of excessive wear or deterioration.

23. All pruning, removal, and rigging operations shall have a designated drop zone where limbs, trunks, and tools can be dropped from aloft without impacting pedestrians or passersby. A visual or verbal communication system between the employee aloft and the employee(s) on the ground shall be established to determine when the employee aloft will safely drop tree parts or tools.
24. Any tree parts which cannot be safely dropped or controlled from aloft shall have a separate rigging line tied to them to help control their fall. The tree shall be inspected for structural stability prior to the establishment of a rigging system in the tree. When trees appear to have defects that could jeopardize the ability to safely use a rigging system to drop or control a limb, an alternate plan shall be implemented.
25. All equipment utilized in rigging shall meet the load ratings for the limb being rigged, and a qualified employee, trained in proper rigging procedure shall determine the rigging procedure and equipment to be utilized. Any equipment which has been damaged or overloaded shall be removed from service.
26. When felling (removing) a tree, a crew leader shall make the determination of what equipment is necessary, and how many crew members are to be directly involved in drop zone operations. A well-established escape route shall be planned for involved workers prior to the beginning of felling operations. Any non-involved workers shall be beyond twice the height of the trunk or tree being removed during felling operations.
27. Notches shall be used on all trees and trunks greater than five inches in diameter during felling operations, and should conform to the standards set forth in the ANSIZ133.1 Standard.
28. Loose clothing, ropes, lanyards, and saddles shall not be worn during any tree care activity where the risk of entanglement with tools or machinery is possible, particularly with brush chippers.

Appendix J: Tree Planting Standards (ANSI/ISA BMP)

ANSI Z60.1

1. All root ball and container sizes for all balled and burlapped stock shall conform to the Z60.1 standards for width and depth, such that they encompass enough of the fibrous root system as necessary for the full recovery of the plant upon installation.
2. All bare root stock shall conform to ANSI Z60.1 standards for minimum root spread.
3. All containerized stock shall conform to ANSI Z60.1 standards for plant and container size, as specified by the Village, and shall be healthy, vigorous, well-rooted and established in the container in which it is growing. The root system shall reach the sides of the container, but shall not have excessive growth encircling the inside of the container.
4. All collected plants (those grown on unmanaged land) shall be so designated, and shall be considered to be nursery-grown stock when they have been successfully reestablished in a nursery row and grown under regular nursery cultural practices for a minimum of two growing seasons.
5. The trunk or stem of the plant shall be in the center of the ball or container, with a 10% overall variance in location.
6. The use of digging machines in both the packaging and installation of trees is considered an acceptable nursery practice.

ANSI A300 - Part 6

1. Planting sites and work sites shall be inspected for hazards by the Village prior to the beginning of work each day. If portions of the work site are outside of the original scope of work, the controlling authority shall be notified immediately.
2. Location of utilities, obstructions, and other such hazards above and below ground shall be taken into account prior to planting and transplanting operations. These include, but are not limited to, gas, electric, sewer, communication, drainage, and signage.
3. The following shall be taken into consideration prior to transport and planting: Requirements of individual trees, compass orientation of field-grown trees, site feasibility assessments, soil assessment, and drainage assessment.
4. Tools for planting and transplanting shall be properly labelled or purchased for their intended use, and be maintained in accordance with the manufacturer's recommendations
5. The system used to move and store the plant shall minimize desiccation and other damage to the crown, trunk or rootball, and the health and vigor of the plant shall be maintained during these periods.

6. The hole to be dug for all new plantings shall be a minimum of 150% larger than the rootball or container diameter, as deep as the root flare of the tree to be planted, and shall have sides from which soil has been loosened in order to aid in root penetration.
7. For balled and burlapped trees, all rootball supporting materials shall be removed from the upper third of the rootball, and removed from the planting hole prior to final backfilling.
8. Prior to planting, container root balls shall be managed by approved methods such as, shaving the root ball, slicing the root ball, and redirecting or removing encircling roots.
9. Backfill shall comprise of either the same soil created when the hole was excavated, or a similarly amended mixture to meet a specific objective, and shall be applied in a layered fashion to reduce future settling and prevent air pockets.
10. Mulch shall be applied at a depth of two to four inches, near - but not touching - the trunk of the tree, and extending to the perimeter of the planting.
11. Support systems such as guy-wires or stakes shall not be installed except where needed.

ISA BMP Manual - Tree Planting

1. Timing of planting shall be determined based on the species, and the best professional opinion of the employees of or contractors working for the Village.
2. All employees and contractors employed by or working for the Village shall be familiar with the following types of planting types, and when it is appropriate to use each:
 - A. **Bare-Root:** Field-grown, and dug without soil during the dormant season
 - B. **Ball and Burlap:** Field grown and packaged with a soil ball, using burlap, twine, and a retaining basket of some kind
 - C. **Tree Spade:** Transplanted using a mechanical tree spade to hold the soil ball during transport
 - D. **In-Ground Fabric Bag:** Field grown with the root mass contained in a semi-permeable fabric bag
 - E. **Container Grown:** Grown above ground in containers of various shapes, sizes, and materials
3. Trees packaged with root balls must have their first structural root within two inches of the soil surface. Trees with deeper structural roots will not perform well when transplanted, and should be avoided when selecting nursery stock.

4. Trees with root balls shall be handled by the ball, not the stem, to ensure no damage occurs to the root-soil interface or to the stem itself.
5. Trees with leaves shall be transported with a fabric tarp to minimize desiccation, and have had their root balls wetted prior to transport.
6. Sites shall be tested for drainage, nutrient levels, and pH prior to planting (or prior to species selection, if possible).
7. Container stock shall be removed from its container. For balled and burlapped trees, wrappings shall be left on until the tree is in the hole; wrapping shall then be removed from the third to fourth of the wire basket and burlap from the top of the ball. For all types, ensure any encircling (girdling) roots are removed, and root ball is shaved as necessary.
8. As soil is added, wet and tamp each layer down to ensure good moisture and reduction of air bubbles.
9. Do not prune trees at time of planting, unless to remove dead, dying, diseased, or cracked branches, as it may take away from root development to have the tree attempt to heal these above-ground wounds.
10. The use of trunk wrap may be considered in areas with harsh winters, specifically on trees with thin bark, such as London Planetree and certain Maple species.

Appendix K: Tree Pruning Standards (ANSI/ISA BMP)

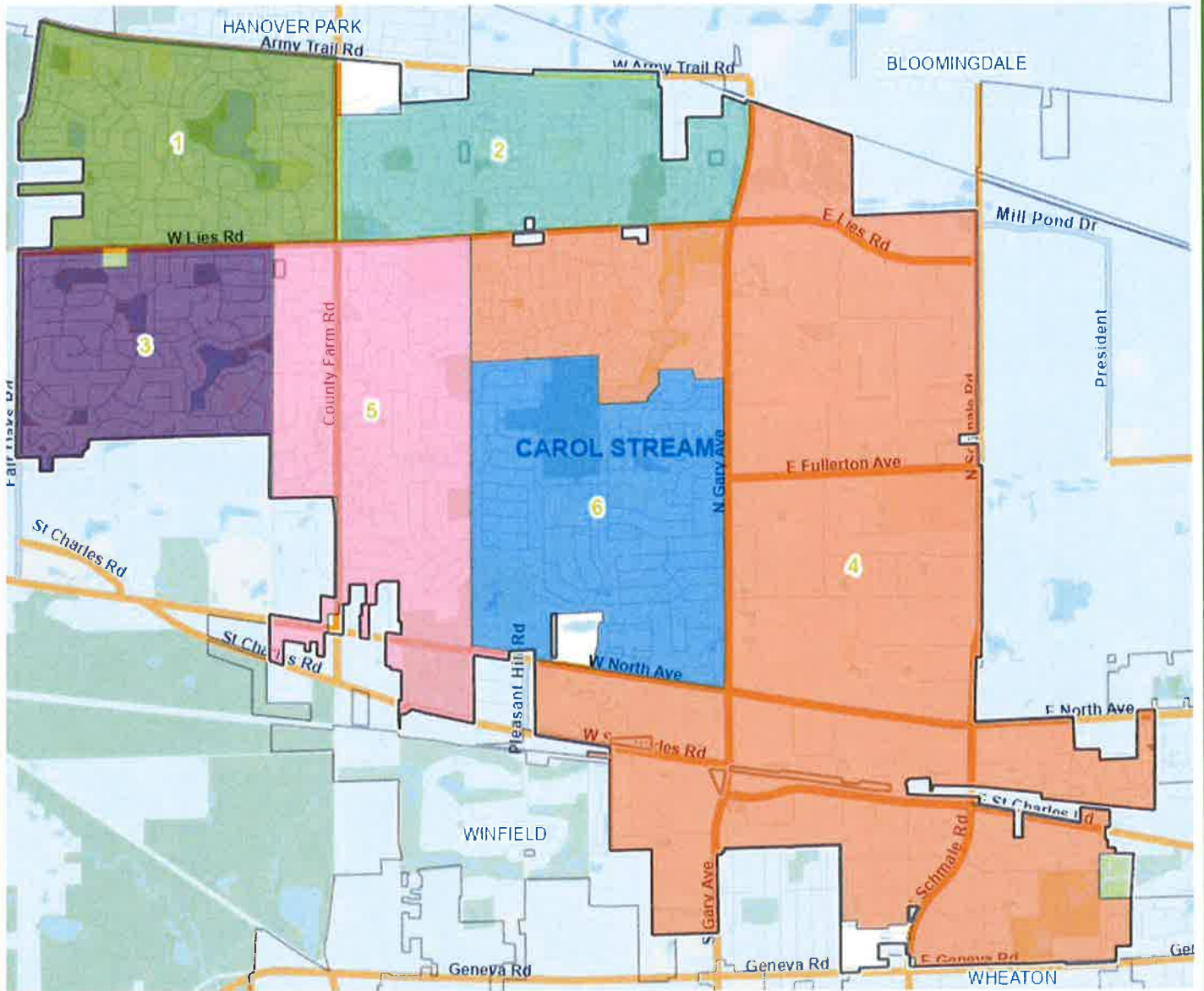
ANSI A300 - Part 1

1. A designated Arborist or Arborist Trainee shall visually inspect each tree before beginning work. If any condition is observed above and beyond the original scope of work, said condition shall be reported to the controlling authority before any work begins.
2. Pruning cuts which remove a branch at its point of origin shall be made close to the trunk or parent branch without cutting into the branch-bark collar or leaving a stub.
3. Pruning cuts made to reduce the length of a limb or parent stem shall be made at a slight angle relative to the remaining stem, and not damage the remaining stem. If pruning to a lateral branch, the lateral should be large enough to assume the terminal role.
4. Final cuts shall be made such that the result is a flat surface, with the adjacent bark firmly attached.
5. Not more than 25% of the foliage shall be removed during an annual growing season, depending on the tree species, size, age, and condition. If more frequent pruning due to utilities, vistas, or health considerations is necessary, removal of the tree should be considered as an alternative to pruning.

ISA BMP Manual

1. All employees or contractors directly involved with the pruning of trees shall be familiar with the following pruning types and how they are to be used in conjunction with one another:
 1. **Pruning to Clean:** Selective removal of dead, diseased, detached, cracked, and broken branches
 2. **Pruning to Thin:** Selective removal of small live branches to reduce crown density
 3. **Pruning to Raise:** Selective removal of branches to provide vertical clearance
 4. **Pruning to Reduce:** Selective removal of branches and stems to decrease the height or spread of a tree or shrub
 5. **Structural Pruning:** Selective removal of live branches and stems to influence the orientation, spacing, growth rate, strength of attachment, and ultimate size of branches and stems
 6. **Pruning to Restore:** Selective removal of branches, sprouts, and stubs from trees and shrubs which have been topped, severely headed, vandalized, lion-tailed, storm damaged, or otherwise damaged
2. Every effort shall be made to time pruning of individual tree species to be done in accordance with best management practices for the tree species in question. All pruning work shall be done so at the discretion of the Village of Carol Stream and its approved contractors.

Appendix L: Carol Stream Pruning Zone Map



Village of Carol Stream
Interdepartmental Memo

TO: Mayor and Trustees
FROM: Tia Messino, Assistant to the Village Manager
DATE: May 10, 2022
RE: Ordinance to Establish Tree Protection and Preservation

In February 2021 the Village entered into a grant agreement administered by the Morton Arboretum to conduct a parkway tree inventory, develop an Urban Forest Management Plan (UFMP) and update the Village Code with regard to the protection and preservation of trees on public property. This ordinance was crafted with insight from best practices, the Morton Arboretum, Village staff, and the Village Attorney.

This ordinance meets all of the requirements of the Morton Arboretum grant and is consistent with the provisions detailed in the Urban Forest Management Plan. It acknowledges the value of our urban forest as a public good and details best practices in tree care management. Updated practices include increasing the space between trees, tree preservation during construction projects, and new safety standards.

The grant requires a Tree Commission which is established in this ordinance. This commission must meet twice a year and serves in advisory capacity to the Village Manager's Office and the Village Board. The commission will be comprised of a member from Administration, Public Works, and a third member from either Community Development or Engineering Services.

The final key component introduced in this ordinance is a Tree Removal Application for trees not otherwise planned for removal and fines for damage to public trees. Fines and fees range from \$50 to \$500 depending on the size of the tree and the discretion of the Director of Public Works. The Public Works Director has the authority to approve an unplanned tree for removal and to waive any fines or fees.

Attached for your review and consideration is an ordinance regulating public tree preservation. This ordinance meets the requirements of the Morton Arboretum grant and has been reviewed by staff in multiple departments to ensure it is consistent with our best practices. Staff recommends approval of this ordinance.

Attachment

ORDINANCE NO. _____

**AN ORDINANCE AMENDING THE VILLAGE OF
CAROL STREAM CODE OF ORDINANCES, CHAPTER 12, PUBLIC WAYS AND
PROPERTIES, TO REPLACE ARTICLE 3, SECTION 16 WITH A NEW SECTION 16 –
TREE PRESERVATION**

WHEREAS, a healthy urban forest enhances the quality of life and the present and future health, safety, and welfare of all residents; and

WHEREAS, the Village of Carol Stream entered into a grant sub-award agreement with the Morton Arboretum in 2021 for a tree inventory and urban forest management plan; and

WHEREAS, a condition of the grant is the approval of a tree preservation ordinance which includes a tree commission, a statement of urban forest value, and an updated scope of expectations and best management practices; and

WHEREAS, village staff has drafted the Village of Carol Stream Urban Forest Management Plan to guide the care of our urban forest; and

WHEREAS, this ordinance amendment complies with the grant requirements and includes updates on modern tree care standards; and

WHEREAS, the Corporate Authorities deem it to be in the best interests of the public to amend the Code of Ordinances as set forth herein.

NOW, THEREFORE, BE IT ORDAINED BY THE MAYOR AND BOARD OF TRUSTEES OF THE VILLAGE OF CAROL STREAM, DUPAGE COUNTY, ILLINOIS, IN THE EXERCISE OF ITS HOME RULE POWERS, as follows:

SECTION 1: The Carol Stream Code of Ordinances, Chapter 12, “Public Ways and Properties” is hereby amended by replacing Article 3, Section 16 to be entitled “Tree Preservation”, which shall read as follows:

§ 12-3-16 TREE PRESERVATION.

(A) Purpose: *Tree Preservation is a valued purpose.* To enhance the quality of life and the present and future health, safety, and welfare of all residents, to enhance property values, to ensure proper planting and care of trees on public property, and in recognition that well-managed public trees are a part of our public infrastructure that provide collective benefits for the public, local wildlife, and environment beyond property boundaries, the Village Board herein establishes practices governing the planting and care of trees on public property, and makes provision for the proper tree care, preservation, and removal, of trees on public property and,

under certain conditions, private property. In support of this purpose, the Village may share educational outreach on the value of trees as part of our community.

(B) Definitions. As used in this Article, the following words and phrases shall have the meanings indicated:

ANSI – The American National Standards Institute.

BMPs - Best Management Practices published by the International Society of Arboriculture.

Damage – any injury to or destruction of a tree, including but not limited to: uprooting; severance of all or part of the root system or main trunk; storage of material on or compaction of surrounding soil; a substantial change in the natural grade above a root system or around a trunk; surrounding the tree with impervious paving materials; or any trauma caused by accident or collision.

Diameter at Breast Height (DBH) - the diameter of the tree at four and one-half feet above the ground

Nuisance – any tree, or limb thereof, that has an infectious disease or insect; is dead or dying; obstructs the view of traffic signs or the free passage of pedestrians or vehicles; or threatens public health, safety and welfare.

Parkway – the area along a public street between the curb and the sidewalk; or if there is no curb or sidewalk, the unpaved portion of the area between the street right-of-way (ROW) line and the paved portion of the street or alley.

Public property – all grounds and ROWs owned or maintained by the Village.

Public tree – any tree or woody vegetation on Village-owned or Village-maintained property or ROW.

ROW – Right-of-way.

Top or Topping – the non-standard practice of cutting back of limbs to stubs within a tree’s crown to such a degree as to remove the normal canopy and disfigure the tree.

Urban Forest Management Plan - an action plan which provides the Village detailed information, recommendations, and resources to effectively and proactively manage public trees.

(C) Authority and power.

1. *Delegation of authority and responsibility.* The Director of the Public Works Department, and/or his or her designee/s, hereinafter referred to as the “Director”, shall have full authority and responsibility to plant, prune, maintain and remove trees and woody plants growing in or upon all municipal streets, ROWs, and other public property. This shall include the removal of trees that may threaten electrical, telephone, gas, or any municipal water or sewer line, or any tree that is dead or dying or is affected by terminal fungus, insect, or other pest disease.
2. *Coordination among Village departments.* All Village departments will coordinate, as necessary, with the Director and will provide services as required to ensure compliance with this Ordinance as it relates to streets, alleys, ROW, drainage, easements and other public properties not under direct jurisdiction of the Director.
3. *Interference.* No person shall hinder, prevent, delay, or interfere with the Director while engaged in carrying out the execution or enforcement of this Ordinance.

4. *Skills Required.* The Village of Carol Stream shall have on staff at least one certified arborist. Any urban forestry work completed by a contractor within the Village of Carol Stream shall be under the direction of a certified arborist and the contractor shall also have a certified arborist on staff. These individuals, under the direction of the Director, are responsible for enforcement and compliance of the Urban Forest Management Plan.
 - a. The Village requires that staff and contractors working on behalf of the Village follow safety practices as detailed in ANSI Z133.1 and the Urban Forest Management Plan.
 - b. Contractors working on behalf of the Village must maintain and hold the Village harmless as detailed in the

(D) Tree planting and care standards.

1. *Requirements of franchise utility companies.* The maintenance of public trees for utility clearance shall conform to all applicable utility industry standards.
2. *Tree species list.* The Director shall develop and maintain, in consultation with appropriate resources, an official list of desirable tree species for planting on public property. Any variation from this list requires written approval from the Director. The Preferred Species List is provided in the Urban Forest Management Plan as is the Restricted Species List which includes references to invasive and undesirable trees.
3. *Planting distances.* The Director shall develop and maintain an official set of spacing requirements for the planting of trees on public property. When planting trees, they shall be installed at no closer of a rate than one tree per thirty (30) linear feet, or at a rate that matches the existing tree spacing pattern on adjacent parkways, as approved by the Director of Public Works. Spacing may be adjusted to ensure adequate room for streetlights and utilities, as defined by "Planting standards" listed below.
4. *Planting trees under electric utility lines.* Planting trees under or within fifteen (15) lateral feet of any overhead utility wire is prohibited, unless approved by the Director. If approved, only a tree which conforms to ComEd and the Arbor Day Foundation's "The Right Tree in the Right Place" guidebook may be planted.
5. *Protection of public trees during construction.* Tree protection is required, with the details at the discretion of the Director of Public Works or Director of Engineering Services, when any person, firm, corporation, or Village department performs construction involving soil excavation and/or the movement of heavy equipment within the drip line of any public tree to prevent injury to the trunk, crown, and unnecessary injury to the root system of the tree.
6. *Purchase of trees by Village.* The Village shall, on an annual basis, as funds permit and as space is available, procure trees to be placed in the parkway portion of ROWs under the jurisdiction of the Village. The Village shall determine the location and placement of the trees, using ANSI Z60.1 for guidance.
7. *Planting standards.* All planting and maintenance of public trees shall conform to the American National Standards Institute (ANSI) A-300 "Standards for Tree Care Operations" and should follow tree care Best Management Practices (BMPs) published by the International Society of Arboriculture.

- a. Trees when planted shall have no less than a minimum diameter of two inches at a distance of six inches above the ground and shall have a continuous single trunk. All trees shall be free from deformity and indication of undesirable growth characteristics.
 - b. Trees when planted shall be free of infectious disease or insect infestation.
 - c. Trees shall be planted on the centerline of the parkways or in line with the existing row of trees, when possible. Planting of trees in situations which meet requirements of this chapter will be prohibited if such planting will interfere with existing utilities.
 - d. No tree shall be placed so as to cause a traffic hazard or within the clear visibility triangle of a street intersection.
 - e. Spacing of newly planted trees will be as follows, unless otherwise approved by the Public Works Director, or his/her designee. Street trees will be planted:
 - i. A minimum distance of ten (10) feet from driveway aprons.
 - ii. A minimum distance of five (5) feet from water/sewer service lines and system structures.
 - iii. A minimum distance of fifteen (15) feet from crosswalks.
 - iv. A minimum distance of fifteen (15) feet from street light and utility poles.
 - v. A minimum distance of ten (10) feet from fire hydrants.
 - vi. A minimum distance of fifteen (15) feet from any traffic control device, not including signs.
 - f. No tree shall be planted where the soil is too poor to ensure the growth of such tree.
 - g. Trees required for new developments shall be planted at the owner's expense, in accordance with the regulations in § 16-5-6 LANDSCAPE . The owner will be responsible to plant any required trees in a State of Illinois, DuPage County, or Village ROW.
 - h. No tree may be planted in a parkway less than ten (10) feet in width, unless otherwise approved by the Director of Public Works.
8. *Tree planting in ROW.* Tree planting in ROWs under the jurisdiction of the Village shall take place in accordance with the following terms and conditions:
- a. Tree replacements based upon Village removal.
 - i. If a tree within the ROWs under the jurisdiction of the Village is removed by the Village, the Village may plant one or more trees, subject to sufficient space therefor.
 - ii. The adjacent property owner may be afforded the opportunity to provide input on the species of tree to be planted, in accordance with the Tree Species List; however, the Village shall make the final determination of the species, based on the tree species available to the Village and in accordance with species diversity goals in the Urban Forest Management Plan.
 - b. Trees requested by the adjacent property owner.

- i. If an adjacent property owner requests that the Village plant a tree within the ROWs under the jurisdiction of the Village, and no tree was previously removed by the Village from the location in question, subject to sufficient space therefor, the Village may, subject to the availability of a tree and whether parkway trees were not required in the area at the time of development, plant a tree at the location in question; provided the adjacent property owner pays the full planting fee per tree to the Village, prior to the planting of the tree.
 - ii. The adjacent property owner may be afforded the opportunity to provide input on the species of tree to be planted, in accordance with the Tree Species List; however, the Village shall make the final determination of the species, based on the trees available to the Village and in accordance with species diversity goals.
 - iii. Trees planted at the request of the adjacent property owner, within the ROWs under the jurisdiction of the Village, shall remain the property of the Village.
 - c. If trees are planted by the Village within the ROWs under the jurisdiction of the Village, as part of an approved development of the existing adjacent property, which requires the planting of parkway trees by the developer of said adjacent property, the adjacent property owner and/or developer of the approved development shall be charged the cost of the tree and its planting costs for each tree planted by the Village.
9. *Tree pruning.* Properly pruned trees establish faster, grow quicker, and live longer lives than trees which are not pruned, or improperly pruned.
- a. The Village maintains a six-year pruning cycle, supplemented by intermediate pruning on an as-needed basis to remove sight obstructions and hazards to pedestrians, bicyclists and vehicles using industry best practices as detailed in ANSI A300 and the Urban Forest Management Plan.
 - b. No property owner or property tenant may perform any tree pruning or other maintenance on any tree planted in the public ROW or any Village-owned property.

(E) Tree removal standards.

- 1. *Prohibition against harming public trees.* It shall be unlawful for any person, firm, or corporation to damage, remove, or cause the damage or removal of a tree on public property without written permission from the Director.
 - a. If a public tree is removed without authorization, or is unlawfully damaged by any person, firm, or corporation to the point that the tree may need to be removed and/or replaced, at the discretion of the Director or designee, the offending entity may be charged the Tree Removal Fee of \$50 for removals of up to 10” DBH and another \$100 for each additional 10” DBH of the tree with a maximum fee of \$500 per tree. This fee may be waived with approval from the Director.

- i. Said fee is in addition to the direct costs associated with the restoration of the area including the potential replacement of the tree.
 - ii. The Village acknowledges that larger trees provide greater benefits and that when replaced with smaller trees the benefits and services are reduced.
 - b. Tree Removal Applications must be submitted to the Public Works Director at least 30 days prior to the intended removal date. Common cases where tree removal would be considered include:
 - i. Removal of a nuisance tree which is dead or declining and has the potential to damage other trees, people, or structures.
 - ii. Removal of undesirable or invasive species as identified in the Urban Forest Management Plan.
 - c. It may be unlawful for any person, firm, or corporation to attach any cable, wire, signs, or any other object to any Village owned and maintained public tree, without prior approval from the Public Works Director or his/her designee.
 - d. It shall be unlawful for any person, firm, or corporation to “top” any public tree. Trees severely damaged by storms or other causes, where best pruning practices are impractical, may be temporarily exempted from this provision at the determination of the Director.
 - e. In the event of any site improvement which may impact public property trees, a Tree Preservation Plan is required, must be approved, and implemented prior to the start of any work or delivery of any materials to the Building Activity Area. Details on tree preservation standards are included in the Urban Forest Management Plan.
- 2. *Village tree removal.* Trees located within the ROWs under the jurisdiction of the Village shall be removed by the Village or a Village Designee when removal is considered necessary by the Village's Public Works Department for reasons of tree health and/or public safety.
 - a. Prior to such removal, the Village will attempt to give notice to the resident of the abutting property, stating the reason for the removal. Village staff has the authority to remove any tree located in the ROWs under the jurisdiction of the Village without providing the aforementioned notice, when removal is considered necessary for public safety. In regard to any such tree removal:
 - i. All stump removals shall require underground utility locations prior to action. All stumps will be ground to a depth of at least 12 inches below existing grade. Stump grindings will be removed, replaced with topsoil and restored with grass seed.
 - ii. Any tree located in the ROWs under the jurisdiction of the Village, that is removed, will be replaced during the next available planting season, provided there is sufficient funding and spacing, for the planting of a tree, and sufficient funding for planting a replacement tree. If the adjacent resident does not desire a new tree be planted such request must be

submitted to the Director of Public Works who shall make the final determination on the request.

- iii. There shall be no fee charged to the adjacent property owner for a tree removed by the Village from the ROWs under the jurisdiction of the Village.
3. *Developer/adjacent property owner removed trees.* The fee for the removal of a tree from the ROW under the jurisdiction of the Village, at the request of either the adjacent property owner or the developer of the adjacent property, where the Director has determined that the tree does not otherwise need to be removed, and the Village consents to the removal, shall be based upon the following formula:
 - a. All Tree Removal Applications have a \$50 fee that covers removals of up to 10” DBH and may be waived with the approval of the Director. There shall be an additional fee of \$100 for each additional 10” DBH of the tree with a maximum fee of \$500 per tree. Said fee shall be paid to the Village prior to the removal of the tree and is in addition to the direct costs associated with removing the tree. This fee may be waived with approval from the Director and consent of the Tree Commission.
4. *Removal of unauthorized plantings/landscaping.* If the Director, or their designee, deems a planting is unauthorized, and/or landscaping and hardscaping around public trees is unauthorized and/or is harming the health of the public tree, the Village may require the property owner remove any unauthorized planting/landscaping within 10 business days without compensation to the property owner. If the property owner fails to comply, the Village may remove any unauthorized plantings/landscaping within any public place without compensation to the owner.
5. *Developer Tree Removal on Private Property.* The Village of Carol Stream Community Development Department and Village Arborist may assist private developers with creating a Tree Preservation Plan for trees located on private property. (See § 16-5-6 LANDSCAPE (E) Tree preservation)

(F) Property owner responsibility. *Property owners are responsible parties.* No property owner shall allow a tree, or other plant growing on his or her property, to obstruct or interfere with pedestrians or vehicles or the view of drivers, thereby creating a hazard. If an obstruction persists, the Director shall notify the property owner to prune or remove the tree or plant. If the owner fails to comply with the notice, the Village may undertake the necessary work and charge the cost to the property owner.

(G) Certain trees declared a nuisance. *Nuisance trees pose a health or safety hazard to the Village.* Nuisance trees shall be regulated as described in municipal code Article 9, Chapter 4 of the Village Code (Health Regulations- Trees).

(H) Violations and penalty.

1. *Violations of this ordinance.* It shall be a violation of this code for any person, firm, or corporation, to plant a tree in a parkway or damage a parkway tree without written

approval from the Director. Any person, firm, or corporation violating any provision of this Ordinance, unless otherwise specified, shall be punishable in accordance with § 1-1-9 of Village Code.

- a. In addition to seeking the payment of a fine in accordance with § 1-1-9, the village, when it believes that a violation of this section has occurred, may remove any tree or other unauthorized planting placed within the parkway and take any other legal action to enforce its property rights.
- b. The Village shall also maintain its right to seek restitution for the costs associated with the removal, restoration, and replacement of damaged public trees.

(I) Village Tree Commission

1. *Establishment.* The Village of Carol Stream hereby establishes a Tree Commission which shall be a recommending body to provide assistance, direction and expertise to the Village of Carol Stream regarding the preservation, planting, management and protection of trees in the public right-of-way.
 - a. The Tree Commission shall develop and recommend implementation of an Urban Forest Management Plan for guidance on urban forestry issues.
2. *Membership.* The Tree Commission shall consist of three members and one alternate member at the discretion of the Village Manager. The Tree Commission shall consist of a representative from the Public Works Department, representative from Administration, and a third representative from either Community Development or Engineering Services. The Village Manager shall designate one of the members to act as chairperson of the Tree Commission.
 - a. If appointed by the Village Manager, an alternate shall attend and participate in all meetings of the Tree Commission, but shall only vote in the event one or more of the full members is absent.
 - b. The appointed members shall serve for a period of three years. If a vacancy shall occur in the full membership, an alternate member may be appointed to fill such vacancy. Vacancies in full and alternate membership shall be filled in the same manner as original appointments. Appointed members may be reappointed at the discretion of the Village Manager.
 - c. The Tree Commission members shall serve without compensation related to participation in this commission.
3. *Procedures.* The Tree Commission shall meet at least twice a year and provide recommendations to adopt, change or alter, rules and regulations of organization and procedure consistent with Village of Carol Stream ordinances and Illinois State laws.
 - a. The Tree Commission shall keep written records of its proceedings which shall be open at all times to public inspection. The Commission shall provide an annual report to the Village of Carol Stream Board on its past-year activities and recommendations for future action.
4. *Powers and Duties.* The Tree Commission shall have the following powers and duties subject to the approval of the Village of Carol Stream Board:

- a. To provide recommendations on the preservation, care, management and protection of trees within the Village of Carol Stream in accordance with Urban Forest Management Plan, regional and local best management practices.
- b. To prepare and recommend to the Village Manager from time to time specific improvements of the preservation, care, management and protection of trees within the Village of Carol Stream.
- c. To review the Village of Carol Stream Urban Forest Management Plan and provide recommendations for improvements.
- d. Manage and administer all plans, programs, projects and tasks delegated to it by the Village Manager or designee.

SECTION 2:

It is expressly declared to be the intention of this Ordinance not to repeal or amend any portion of the Carol Stream Code of Ordinances other than those expressly amended or repealed in Section 1 of this Ordinance.

SECTION 3: The invalidity of any section or provision of this Ordinance hereby passed and approved shall not invalidate other sections or provisions thereof.

SECTION 4: This Ordinance shall be in full force and effect from and after its passage and approval by law.

PASSED AND APPROVED THIS _____ DAY OF _____, 2022

AYES:

NAYS:

ABSENT:

Frank Saverino, Sr., Mayor

Julia Schwarze, Village Clerk

ORDINANCE NO. _____

**AN ORDINANCE APPROVING AN ANNEXATION AGREEMENT
(LIUNA CHICAGOLAND LABORERS' DISTRICT COUNCIL FUND)
4N210 OLD GARY AVENUE
PIN 02-20-300-005**

WHEREAS, LIUNA CHICAGOLAND LABORERS' DISTRICT COUNCIL FUND is the owner (hereafter referred to as "Owner") of a parcel of real property measuring 0.901 acres in size, located in unincorporated DuPage County, Illinois, legally described as follows:

The south one hundred and thirty-two and twelve hundredths (132.12) feet of the east two hundred ninety-seven and fourteen hundredths (297.14) feet of the east half of the northeast quarter of the southwest quarter of Section twenty (20), Township forty (40) north, Range ten (10) east of the Third Principal Meridian, in DuPage County, Illinois

P.I.N. 02-20-300-005

Common Address: 4N210 Old Gary Avenue, Hanover Park, Illinois 60103

WHEREAS, the Property is not within the corporate limits of any municipality, but is contiguous to the Village of Carol Stream, DuPage County, Illinois, a municipality existing under the laws of the State of Illinois; and,

WHEREAS, pursuant to the provisions of Section 11-15.1-1 et seq. of the Illinois Municipal Code, a proposed Annexation Agreement, in substance and in form the same as this agreement, except as modified as authorized by Section 11-15.1-3 of said Municipal Code, was submitted to the Village for public hearing and a public hearing was held thereon by the Corporate Authorities pursuant to notice duly published in a newspaper of general circulation, as provided by law; and

WHEREAS, the corporate authorities of the Village have considered the annexation of the Property; and

WHEREAS, the Parties wish to enter into a binding agreement with respect to said annexation, as well as zoning of the Property and other related matters, pursuant to the provisions of Section 11-15.1-1 et seq. of the Illinois Municipal Code, upon the terms and conditions contained in the Annexation Agreement attached hereto; and

WHEREAS, all public hearings as required by law have been held by the different departments, commissions, boards, and other governmental bodies of the Village, and each has submitted various reports and recommendations; or both required of them; and

WHEREAS, the Mayor and Board of Trustees of the Village find that the annexation of the property to the Village will be beneficial to the Village in accordance with the terms of this Annexation Agreement.

NOW, THEREFORE, BE IT ORDAINED BY THE MAYOR AND BOARD OF TRUSTEES OF THE VILAGE OF CAROL STREAM, DUPAGE COUNTY, ILLINOIS, IN THE EXERCISE OF ITS HOME RULE POWER, as follows:

Section 1:

The foregoing recitals are incorporated by reference in this Ordinance as if restated in their entirety.

Section 2:

The Annexation Agreement between the Village of Carol Stream and LIUNA CHICAGOLAND LABORERS’ DISTRICT COUNCIL FUND, as attached hereto, is hereby approved.

Section 3:

The Mayor and Village Clerk are authorized and directed to execute the attached Annexation Agreement on behalf of the Village of Carol Stream, Illinois. The Village Clerk is authorized and directed to record this Ordinance and the attached Annexation Agreement with the DuPage County Recorder of Deeds.

PASSED AND APPROVED THIS 16th day of May, 2022

AYES: _____

NAYS: _____

ABSENT: _____

Frank Saverino, Sr., Mayor

(SEAL)

ATTEST:

Village Clerk

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28

ANNEXATION AGREEMENT

**4N210 Old Gary Avenue
HANOVER PARK, ILLINOIS 60133**

This Agreement made and entered into this ____ day of _____, 2022, by and between the Village of Carol Stream, an Illinois municipal corporation (hereinafter referred to as the “Village”) and LiUNA Chicagoland Laborers’ District Council Fund (hereinafter referred to as the Owner).

W I T N E S S E T H:

WHEREAS, the Owner constitutes all of the owners of record of certain real estate, described as follows:

THE SOUTH ONE HUNDRED AND THIRTY-TWO AND TWELVE HUNDREDTHS (132.12) FEET OF THE EAST TWO HUNDRED AND NINETY-SEVEN AND FOURTEEN HUNDREDTHS (297.14) FEET OF THE EAST HALF OF THE NORTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION TWENTY (20), TOWNSHIP 40 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN DUPAGE COUNTY, ILLINOIS

PIN: 02-20-300-005 (hereinafter referred to as the “Property”); and

WHEREAS, the Property consists of approximately 0.901 acres and is located at 4N210 Old Gary Avenue in unincorporated Bloomingdale Township, DuPage County, Illinois; and

WHEREAS, pursuant to Section 7-1-8 of the Illinois Municipal Code, 65 ILCS 5/7-1-8, the Owner has submitted to the Village a petition for annexation, requesting that the President and Board of Trustees (hereinafter collectively referred to as the “Corporate Authorities”) annex the Property to the Village; and

WHEREAS, the Owner has submitted to the Village a petition for zoning upon annexation, requesting the zoning of the Property upon its annexation to the Village as

29 I Industrial District pursuant to Section 16-3-6 (C) of the Village's Unified Development
30 Ordinance; and

31 **WHEREAS**, the Village has caused the issuance of proper notice with respect to
32 all hearings necessary in order to effectuate the annexation, rezoning, and such other
33 hearings as may be necessary to effectuate the plan of development as set forth herein;
34 and

35 **WHEREAS**, a public hearing was held by the Plan Commission / Zoning Board
36 of Appeals on said rezoning as required by the Unified Development Ordinance of the
37 Village and the Plan Commission / Zoning Board of Appeals has submitted to the
38 Corporate Authorities of the Village (hereinafter referred to as the "Corporate
39 Authorities") their findings of fact and recommendation with respect to said rezoning;
40 and

41 **WHEREAS**, pursuant to the provisions of Section 11-15.1-1 et seq. of the Illinois
42 Municipal Code, 65 ILCS 5/11-15.1-1 et seq., a proposed Annexation Agreement, in
43 substance and in form the same as this Agreement, was submitted to the Village for
44 public hearing and a public hearing was held thereon by the Corporate Authorities
45 pursuant to notice duly published in a newspaper of general circulation, and as provided
46 by law; and

47 **WHEREAS**, the Property is contiguous to the Village, and none of the Property is
48 presently within the corporate limits of any other municipality; and

49 **WHEREAS**, there are currently no electors residing upon the Property; and

50 **WHEREAS**, the parties hereto desire that the Property be annexed to the Village
51 on the terms and under the conditions hereafter set forth; and

52 **WHEREAS**, notice has heretofore been served on all public bodies pursuant to
53 the provisions of Section 7-1-1 of the Illinois Municipal Code; and

54 **WHEREAS**, the Property is not within a library district and, no roads adjacent to
55 or on the Property are under the jurisdiction of a township and the Village does not
56 provide any fire protection services and therefore no notice is required to be given to any
57 such agencies or entities; and

58 **WHEREAS**, the Property is within the Kane-DuPage Soil and Water Conservation
59 District and notice has been given to the agency; and

60 **WHEREAS**, the Village Board has determined that the annexation of the Property
61 and the implementation of this Agreement are in the best interests of the Village, and
62 will further the orderly growth of the Village and promote the general welfare of the
63 Village; and

64 **WHEREAS**, the Village is a Home Rule Unit pursuant to the provisions of the
65 Illinois Constitution, Article VII, Section 6, and the terms, conditions and acts of the
66 Village under this Agreement are entered into and performed pursuant to the Home Rule
67 powers of the Village and the statutes in such cases made and provided.

68 **NOW, THEREFORE**, in consideration of the mutual covenants, agreements,
69 terms and conditions herein set forth, the Owner and the Village agree as follows:

70 1. The provisions of the recitals hereinabove set forth are hereby restated and
71 incorporated herein by reference.

72 2. The Owner has filed with the Village Clerk a duly executed petition to
73 annex the Property which constitutes territory contiguous to the Village pursuant to
74 and in accordance with the provisions of Illinois Compiled Statutes 5/7-1-1, and subject
75 to the provisions of Paragraph 3 below, the Village will annex the Property. The Village
76 may record any Petition for Annexation submitted and this Agreement in the Office of
77 the Recorder of Deeds of DuPage County.

78 3. Within 21 days of the execution and adoption of this Agreement, the
79 Village, through the action of its Corporate Authorities, shall annex the Property to the
80 Village upon the terms and conditions of this Agreement, and do all things necessary or
81 appropriate to cause the Property to be validly annexed to the Village, including, the
82 enactment of an ordinance annexing the Property to the Village. The Village shall notify,
83 as required by law, all entities or persons of such annexation and promptly record all
84 ordinances, plats and affidavits necessary to said annexation, in accordance with any
85 and all statutory and ordinance requirements.

86 4. Upon annexation and subject to the terms and conditions of this
87 Agreement, the Property shall be zoned as I Industrial District under the Village's Unified
88 Development Ordinance. The Corporate Authorities shall also enact an ordinance
89 granting a special use permit for a union hall and training facility and also granting a
90 front yard building setback variation. The Owner shall develop, use and maintain the
91 Property in accordance with the approved site plan and landscape plan. All uses of the
92 Property existing while the Property was within unincorporated DuPage County will be
93 discontinued upon annexation to the Village. Only the use authorized by the special use
94 permit granted by the Corporate Authorities shall be allowed upon the Property.

95 5. The Village shall have the authority to revise the address of the annexed
96 property to coincide with the Village's grid system.

97 6. The annexation fee payable to the Village by the owner is \$540.60, which
98 must be paid within 21 days following the date of the execution of the Annexation
99 Agreement by the Village.

100 7. In order to service the Property with water service, the Owner shall be
101 required, as a condition of receiving an occupancy permit for the building, to connect to

102 the existing water main and water system of the Village at the Owner's sole cost and
103 expense, in accordance with the provisions set forth in Section 22A of this Agreement.

104 8. In order to service the Property with sanitary sewer service, the Owner
105 shall be required, as a condition of receiving an occupancy permit for the building, to
106 connect to existing sanitary sewer and sewer system of the Village at the Owner's sole
107 cost and expense, in accordance with the provisions set forth in Section 22A of this
108 Agreement.

109 9. As a condition of receiving an occupancy permit for the building upon the Property,
110 all existing septic systems contained on the Property shall be removed and any wells on
111 the same shall be capped in accordance with the requirements of the DuPage County
112 Department of Public Health, and in accordance with Section 22B of this Agreement.
113 Further, the Owner shall file a copy of the affidavit of compliance required by the DuPage
114 County Health Department with the Director of Public Works for the Village of Carol
115 Stream.

116 10. The Owner shall pay the Water and Sewer Expansion Connection Fee, the
117 water meter fee, the sewer and water tap-on fees and the user fees relating to sewer and
118 water installations and services shall be those charges generally applicable in the Village
119 for similar installations or services at the time that the fees or charges are due.

120 11. The Owner shall not be otherwise required by the Village to donate any
121 land or money to the Village or any other governmental body, except as provided in this
122 Agreement.

123 12. If the Property is not annexed to any fire protection district or park district,
124 the Owner shall promptly, upon the annexation of the Property to the Village, petition
125 for annexation to the Carol Stream Park District and the Carol Stream Fire Protection
126 District. If the Property is then part of a park district or fire protection district other

127 than the Carol Stream Park District or the Carol Stream Fire Protection District, the
128 Owner shall, at the written request of the Village, actively endeavor to disconnect from
129 such district and annex to the Carol Stream Park District and the Carol Stream Fire
130 Protection District.

131 13. The Village and the Owner agree that to the extent permitted by law, the
132 time for performance of any obligation herein contained may be extended by the mutual
133 agreement of the parties without the necessity of amending this Annexation Agreement.
134 The Village and the Owner shall be excused from any obligations under this Agreement
135 to the extent to which either is prohibited from fulfilling such obligation, or required to
136 take an action inconsistent with a provision of this Agreement because of a lawful order
137 or other action by a superior governmental authority. The Village and Owner shall give
138 notice to the other if either receives notice or has knowledge of the taking or proposed
139 taking of such action by a superior governmental authority. Upon the request of the
140 other party, either party may agree to contest such order or other action by judicial or
141 other proceedings, provided the other party equitably participated in the reasonable
142 expenses of such interest.

143 14. The Parties or their successors or assigns, may, in equity, by suit, action,
144 mandamus, injunction, or other proceedings in court, enforce and compel the
145 performance of this Agreement, including suits for specific performance, but they may
146 not seek monetary damages.

147 15. This Agreement shall be binding upon the Owner, as well as its respective
148 successors, assigns and heirs, and upon any successor Corporate Authorities of the
149 Village and successor municipalities for a period of twenty (20) years from the date of
150 execution hereof. It is agreed that, to the extent permitted by law, in the event the
151 annexation of the Property or this Agreement or zoning of any part of the Property is

152 challenged in any court proceeding which shall reasonably delay the development of the
153 Property, the period of time during which such litigation is pending shall not be included
154 in calculating the said twenty (20) year term.

155 16. If any portion of this Agreement or ordinance enacted pursuant hereto
156 shall be declared invalid, the same shall not affect the validity of this Agreement as a
157 whole other than the part so declared invalid. The parties shall then negotiate in good
158 faith to seek to reestablish the powers and duties found to be invalid. The Owner or the
159 Village shall be obligated to execute any document or take any additional action which
160 may be required to correct any defect which has resulted or could result in the
161 invalidation of this Agreement in whole or in part.

162 17. The Owner represents and warrants to the Village as follows:

163 A. That the Owner identified on page 1 hereof is the legal titleholders
164 and the Owner of record of the Property.

165 B. That other than the Owner no other entity or person has any
166 ownership interest in the Property.

167 C. That the Owner has provided the legal description of the Property
168 set forth in this Agreement and that said legal description is accurate and correct.

169 18. All notices, requests and demands shall be in writing and shall be
170 personally delivered to or mailed by United States Certified mail, postage prepaid and
171 return receipt requested, as follows:

172
173 For the Village:
174 Village of Carol Stream
175 Attn: Village Manager's Office
176 500 N. Gary Avenue
177 Carol Stream, IL 60188
178 Phone: 630-871-6250
179 Email: manager@carolstream.org; clerk@carolstream.org
180
181

182 For the Owner:
183 LiUNA Chicagoland Laborers' District Council Fund
184 Attn: Keith Vitale
185 Office: 630-653-0006
186 Email: keith.vitale@chicagolaborers.org
187
188
189

190 Any Party hereto shall have the right at any time, and from time to time, to
191 notify each of the other Parties hereto, of a change of address and/or designee for the
192 purpose of receiving any notices hereunder.

193 19. Notwithstanding any provision of this Agreement to the contrary, including
194 but not limited to the sale and/or conveyance of all or any part of the Property by the
195 Owner, the Owner shall at all times during the term of this Agreement remain liable to
196 Village for the faithful performance of all obligations imposed upon them by this
197 Agreement until such obligations have been fully performed or until Village, at its sole
198 option, has otherwise released such Owner from any or all of such obligations.

199 20. Any and all representations, warranties, indemnifications, covenants,
200 undertakings, and agreements contained herein shall survive the annexation of the
201 Property and shall not be merged or extinguished by the annexation of the Property or
202 any part thereof to the Village.

203 21. Failure of any Party to this Agreement to insist upon the strict and prompt
204 performance of the terms covenants, agreements, and conditions herein contained, or
205 any of them, upon any other party imposed, shall not constitute or be construed as a
206 waiver or relinquishment of any party's right thereafter to enforce any such term,
207 covenant, agreement or condition, but the same shall continue in full force and effect.

208 22. Special Terms and Conditions: As a condition of the Owner's obligations
209 under this Agreement, the Village and the Owner agree that:

210 A. All required permits must be obtained and connections to the Village's
211 public water system and public sanitary sewer system must be made
within one year of the date of the execution of the Annexation Agreement

212 by the Village.

213 B. All required property improvements, including removal of pavement and
214 installation of landscaping along the property frontage, and the removal of
215 septic system(s) and the capping of well(s) must also be completed within
216 one year of the date of execution of the Annexation Agreement by the
217 Village.

218 C. Payment for the estimated cost for public improvements to Old Gary
219 Avenue, in the amount of \$29,347.56, must be made within 21 days
220 following the date of the execution of the Annexation Agreement by the
221 Village.

222 23. This Agreement may be executed in multiple counterparts of duplicate
223 originals or with multiple signature pages each of which shall constitute and be deemed
224 one and the same document.

225 24. The undersigned Owner warrants that all of the individuals or entities
226 listed herein constitute all owners of the Property and that they have full authority and
227 power to sign the Agreement and any petitions submitted hereunder and that they have
228 not and will not take any action to change ownership in the Property until after this
229 Agreement is recorded.

230 25. The Mayor and Clerk of the Village hereby warrant that they have been law-
231 fully authorized by the Village Council of the Village to execute this Agreement. The
232 Owner and the Village shall, upon request, deliver to each other at the respective time
233 such entities cause their authorized agents to affix their signatures hereto copies of all
234 bylaws, resolutions, ordinances, partnership agreements, letters of direction or other
235 documents required to legally evidence the authority to so execute this Agreement on
236 behalf of the respective parties.

237 26. The Parties acknowledge and agree that the individuals who are members of
238 the group constituting the corporate authorities of the Village are entering into this
239 Agreement in their corporate capacities as members of such group and shall have no
240 personal liability in their individual capacities.

241 Agreement in their corporate capacities as members of such group and shall have no
242 personal liability in their individual capacities.

243 27. This Agreement sets forth all the promises, inducements, agreements,
244 conditions and understandings between the parties hereto relative to the subject matter
245 thereof, and there are no promises, agreements, conditions or understandings, either
246 oral or written, express or implied, between them, other than are herein set
247 forth. Except as herein otherwise provided, no subsequent alteration, amendment,
248 change or addition to this Agreement shall be binding upon the parties hereto unless
249 authorized in accordance with law and reduced in writing and signed by them.

250 28. A copy of this Agreement and any amendments thereto shall be recorded
251 by the Village at the expense of the Owner.

252 IN WITNESS WHEREOF this Agreement has been duly executed by whose
253 names are subscribed below or on the signature pages attached hereto from time to
254 time, and which pages are specifically incorporated herein.

255 OWNER

VILLAGE OF CAROL STREAM

256

257 By: Keith Vitale

By: _____

258

259 Keith Vitale

260 (print name)

(print name)

261

262 Attest: _____

263 Village Clerk

264

265

266

267

268 STATE OF ILLINOIS)
269) SS
270 COUNTY OF DUPAGE)

271 I, the undersigned, a Notary Public, in and for the County and State aforesaid,
272 DO HEREBY CERTIFY that Keith Vitale, as the Executive Director of LiUNA Chicagoland
273 Laborers' District Council Fund, and personally known to me to be the same person
274 whose name is subscribed to the foregoing Petition to Annex, appeared before me this
275 day in person and severally acknowledged that he signed and delivered the said Petition
276 to Annex pursuant to authority given by said Corporation, as his free and voluntary act,
277 and as the free and voluntary act and deed of said Corporation, for the uses and
278 purposes therein set forth.

279
280 GIVEN under my hand and official seal, this 14th day of April, 2022.

281
282 
283 _____
284 Notary Public
285



286 STATE OF ILLINOIS)
287) SS.
288 COUNTY OF DUPAGE)
289

290 I, the undersigned, a Notary Public, in and for the County and State aforesaid,
291 DO HEREBY CERTIFY that _____, personally known to me to be the Mayor
292 of the Village of Carol Stream, and _____, personally known to me to be the Village
293 Clerk of said municipal corporation, and personally known to me to be the same persons
294 whose names are subscribed to the foregoing instrument, appeared before me this day
295 in person and severally acknowledged that as such Mayor and Village Clerk, they signed
296 and delivered the said instrument and caused the corporate seal of said municipal
297 corporation to be affixed thereto, pursuant to authority given by the Board of Trustees
298 of said municipal corporation, as their free and voluntary act, and as the free and
299 voluntary act and deed of said municipal corporation, for the uses and purposes therein
300 set forth.

301
302 GIVEN under my hand and official seal, this ____ day of _____, 20__.

303
304 Commission expires _____
305
306
307 _____
308 Notary Public

ORDINANCE NO. _____

**AN ORDINANCE ANNEXING CERTAIN PROPERTY TO THE
VILLAGE OF CAROL STREAM, DUPAGE COUNTY, ILLINOIS
(LIUNA CHICAGOLAND LABORERS' DISTRICT COUNCIL FUND)
4N210 OLD GARY AVENUE
PIN 02-20-300-005**

WHEREAS, LIUNA CHICAGOLAND LABORERS' DISTRICT COUNCIL FUND, as the legal owner of the real property (the "Property") legally described in Section 2 of this Ordinance and commonly known as 4N210 Old Gary Avenue, Hanover Park, Illinois, duly executed and filed with the Village Clerk a Petition to Annex said territory to the Village of Carol Stream; and

WHEREAS, the Property is not within the corporate limits of any municipality, but is contiguous to the corporate limits of the Village of Carol Stream; and

WHEREAS, legal notices regarding the intention to annex the Property have been sent to all public bodies required to receive such notice by the statutes of the State of Illinois; and

WHEREAS, all petitions, documents and other necessary legal requirements have been in full compliance with the statutes of the State of Illinois; and

WHEREAS, the Mayor and Board of Trustees of the Village of Carol Stream have determined that it is in the best interest of the Village to annex the Property to the Village.

NOW, THEREFORE, BE IT ORDAINED BY THE MAYOR AND BOARD OF TRUSTEES OF THE VILLAGE OF CAROL STREAM, DU PAGE COUNTY, ILLINOIS, in the exercise of its home rule authority, as follows:

SECTION 1:

That the foregoing recitals be incorporated in this Ordinance as if restated in their entirety.

SECTION 2:

That the Property, legally described below, be and the same is hereby annexed to and made a part of the Village of Carol Stream, DuPage County, Illinois:

The south one hundred and thirty-two and twelve hundredths (132.12) feet of the east two hundred ninety-seven and fourteen hundredths (297.14) feet of the east half of the northeast quarter of the southwest quarter of Section twenty (20), Township forty (40) north, Range ten (10) east of the Third Principal Meridian, in DuPage County, Illinois

P.I.N. 02-20-300-005

Common Address: 4N210 Old Gary Avenue, Hanover Park, Illinois 60103

SECTION 3:

That the Village Clerk is hereby directed to record with the Recorder of Deeds and to file with the County Clerk a certified copy of this Ordinance, together with the Plat of Annexation attached hereto.

SECTION 4:

That this Ordinance shall be in full force and effect from and after its passage, approval and publication as provided by law.

ADOPTED BY THE MAYOR AND BOARD OF TRUSTEES of the Village of Carol Stream, Illinois, at a regular meeting thereof held on May 16, 2022, pursuant to a roll call vote as follows:

AYES:

NAYS:

ABSENT:

APPROVED this 16th day of May, 2022.

Frank Saverino, Sr., Mayor

(SEAL)

ATTEST:

Julia Schwarze, Village Clerk

**PETITION FOR ANNEXATION
TO THE MAYOR AND BOARD OF TRUSTEES
OF THE VILLAGE OF CAROL STREAM,
DUPAGE COUNTY, ILLINOIS**

The Petitioner(s), LiUNA Chicagoland Laborers' District Council Fund,
respectfully petition to annex to the Village of Carol Stream, DuPage County, Illinois, the
territory located at 4N210 Old Gary Ave, Hanover Park 60103
and legally described on Exhibit A attached hereto and made a part hereof.

Petitioner(s) represent and state as follows:

1. The described territory is not within the corporate limits of any municipality.
2. The described territory is contiguous to the Village of Carol Stream, DuPage County, Illinois, a municipality organized and existing under the laws of the State of Illinois.
3. There are no electors residing within the described territory.
4. Petitioners are the sole owners of record of all land within the described territory and have executed this Petition as the Owners of the described territory.

WHEREFORE, Petitioners respectfully request that the corporate authorities of the Village of Carol Stream, DuPage County, Illinois, annex the described territory to the Village in accordance with the provisions of this Petition and in accordance with the law in such case made and provided.

Keith Vitale

Keith Vitale

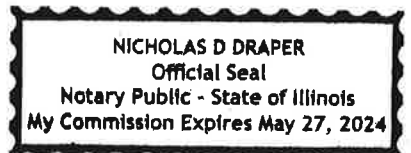
Executive Director

STATE OF ILLINOIS)
)SS
COUNTY OF DUPAGE)

I, the undersigned, a Notary Public, in and for the County and State aforesaid, DO HEREBY CERTIFY that Keith Vitale, as the Executive Director of LiUNA Chicagoland Laborers' District Council Fund, and personally known to me to be the same person whose name is subscribed to the foregoing Petition to Annex, appeared before me this day in person and severally acknowledged that he signed and delivered the said Petition to Annex pursuant to authority given by said Corporation, as his free and voluntary act, and as the free and voluntary act and deed of said Corporation, for the uses and purposes therein set forth.

GIVEN under my hand and official seal, this 15th day of April, 2022.

Nicholas D Draper
Notary Public



PLAT OF ANNEXATION TO THE VILLAGE OF CAROL STREAM, ILLINOIS

EXISTING LIMITS OF
VILLAGE OF CAROL STREAM

LOT 2
S1/4'S 1/4'S 20'12" PLAT
RECORDED AS DD03748N; N: NUMBER 81-0807653

HEREBY ANNEXED TO THE
VILLAGE OF CAROL STREAM
AREA = 28,208 SQ. FT. OR
0.651 ACRES MORE OR LESS.

UNSUBDIVIDED LAND
DESCRIBED IN DEED RECORDED AS
DOCUMENT NUMBER R2020-035298

UNSUBDIVIDED LAND

EXISTING LIMITS OF
VILLAGE OF CAROL STREAM
OLD GARY AVENUE
N: EAST LINE OF THE SOUTHWEST QUARTER OF SECTION 34-94-10

18' PORTION OF ANY LINE AS SHOWN AND NOTED ON THIS PLAT IS TO BE DELETED FROM THE RECORDS. ALL PORTIONS OF ANY LINE AS SHOWN ON THIS PLAT ARE TO REMAIN AS SHOWN UNLESS OTHERWISE INDICATED BY THIS PLAT. THIS PLAT IS TO BE RECORDED AS A PUBLIC RECORD.

PLAN:
02-20-200-005
BASIS OF BEARINGS:
TRUE NORTH BASED ON GEODETIC
OBSERVATION IL EAST ZONE

18" = 3000
18" = 3000 PLY
60" = MEASURED
10" = RECORD

EXISTING LIMITS OF
VILLAGE OF CAROL STREAM

LOT 2
SELCKES ASSESSMENT PLAT
RECORDED AS DOCUMENT
NUMBER 0196647502

NORTH LINE OF FOUNTAINS AT
TOWN CENTER RECORDS AS
DOCUMENT NUMBER
2005-04253 AS MONUMENTED

LOT 41
FOUNTAINS AT TOWN CENTER
RECORDED AS DOCUMENT
NUMBER 2115600313

OWNER CERTIFICATE

STATE OF ILLINOIS)
COUNTY OF _____)

THIS IS TO CERTIFY THAT THE UNDERSIGNED IS THE OWNER OF THE PROPERTY
DESCRIBED HEREON AND THAT THIS IS CALLED THE SAID PROPERTY TO BE PLATTED AS
SHOWN HEREON FOR THE USE AND PURPOSES THEREIN SET FORTH AND THIS
HONESTY ACKNOWLEDGE AND ADOPT THE SAME UNDER THE TITLE THEREON INDICATED

DATED THIS _____ DAY OF _____, A.D. 20____

SIGNED: _____

PRINTED NAME AND TITLE _____

ADDRESS _____

PREPARED FOR:
ANDREWS ENGINEERING
3300 GINGER CREEK DRIVE
SPRINGFIELD, ILLINOIS 62711

SUBMITTED BY AND RETURN TO:
VILLAGE OF CAROL STREAM
500 N. GARY AVENUE
CAROL STREAM, ILLINOIS 60188

NOTARY PUBLIC CERTIFICATE

STATE OF ILLINOIS)
COUNTY OF _____)

I, _____, A NOTARY PUBLIC IN AND
FOR THE COUNTY AND STATE AFORESAID, DO HEREBY CERTIFY
THAT

WHO IS PERSONALLY KNOWN TO ME TO BE THE SAME WHOSE NAME
IS SUBSCRIBED TO THE FOREGOING CERTIFICATE, APPEARED
BEFORE ME THIS DAY IN PERSON AND ACKNOWLEDGED THAT
HE/SHE DID SIGN AND DELIVER THIS INSTRUMENT AS A FREE AND
VOLUNTARY ACT FOR THE USES AND PURPOSES HEREBY SET
FORTH.

GIVEN UNDER MY HAND AND NOTARIAL SEAL

THIS _____ DAY OF _____, A.D. 20____

NOTARY PUBLIC _____

SELLER'S CERTIFICATE

STATE OF ILLINOIS)
COUNTY OF DUPAGE)

THE ANNEXED PLAT IS IDENTIFIED AS REPRESENTATIVE OF THE PROPERTY
INCORPORATED H210 AND MADE A PART OF THE VILLAGE OF CAROL STREAM,
ILLINOIS AS PER ENCLOSURE NO. _____ AND THE PROPERTY SHOWN AND
DESCRIBED HEREON IS HEREBY INCORPORATED INTO AND MADE A PART OF THE
VILLAGE OF CAROL STREAM, ILLINOIS, BY SAID ORDINANCE

DATED THIS _____ DAY OF _____, 20____

ATTEST: VILLAGE CLERK _____ MAYOR _____

PROPERTY DESCRIPTION

THE SOUTH ONE HUNDRED THIRTY TWO AND TWO HUNDRED THIRTY TWO FEET
OF THE EAST THREE HUNDRED THIRTY TWO FEET OF THE EAST HALF OF THE
NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION TWENTY-FIVE,
TOWNSHIP 43 NORTH, RANGE 15 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN
DUPAGE COUNTY, ILLINOIS, EXCEPT THE EASTERLY 33.50 FEET THEREOF, ALSO
KNOWN AS OLD GARY AVENUE.

NOTES:

THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE COMMITMENT. IT
IS POSSIBLE THAT EASEMENTS, RESTRICTIONS OR OTHER ENCUMBRANCES EXIST
OVER THE PROPERTY THAT HAVE NOT BEEN SHOWN HEREON.

AT CLIENT'S REQUEST MISSING MONUMENTATION WILL BE SET.

LAST DATE OF FIELD WORK: NOVEMBER 17, 2020.

ADDRESS OF THE PROPERTY: 4210 OLD GARY AVENUE, CAROL STREAM, ILLINOIS

RECORDER'S CERTIFICATE

STATE OF ILLINOIS)
COUNTY OF DUPAGE)

THIS INSTRUMENT NO. _____ WAS FILED FOR RECORD IN THE RECORDER'S
OFFICE OF DUPAGE COUNTY, ILLINOIS, THIS _____ DAY OF _____, 20____.

COUNTY RECORDER _____

STATE OF ILLINOIS)
COUNTY OF COOK)

WE, SPACCO, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM, NUMBER 184-091132, DO HEREBY
DECLARE THAT ABOVE IS AN ACCURATE MAP OF TERRITORY TO BE ANNEXED TO THE VILLAGE
OF CAROL STREAM.

ALL DIMENSIONS ARE IN FEET AND DECIMAL PARTS THEREOF.
NO DISTANCES OR ANGLES SHOWN HEREON MAY BE ASSUMED BY SCALING.
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS OF
PRACTICE APPLICABLE TO BOUNDARY SURVEYS.

GIVEN UNDER OUR HAND AND SEAL, THIS 16TH DAY OF MAY, 2022, IN ROSEMONT, ILLINOIS.

Cynthia Hasseola

CYNTHIA HASSEOLA, L.P.L.S., No. 034-3843
LICENSE EXPIRES: 11-20-2023
cynthia@spacco.com

(VALID ONLY IF EMBOSSED SEAL AFFIXED)



REVISOR:	
07/15/21 G.L.P.	
05/05/22 G.L.P.	
05/05/22 G.L.P.	



CONSULTING ENGINEER:
SITE DEVELOPMENT ENGINEER:
LAND SURVEYOR:
9575 W. Higgins Road, Suite 700,
Rosemont, Illinois 60018
Phone: (847) 698-4089 Fax: (847) 698-4055

DATE: 12/03/2020
JOB NO: 11314
PROJECT: 11314-ANNEX-01

ORDINANCE NO. 2022-____-____

AN ORDINANCE APPROVING A ZONING MAP AMENDMENT TO ZONE PROPERTY TO THE I INDUSTRIAL DISTRICT UPON ANNEXATION TO THE VILLAGE OF CAROL STREAM (CHICAGOLAND LABORERS DISTRICT COUNCIL FUND/LIUNA, 4N210 OLD GARY AVE)

WHEREAS, Keith Vitale with the Chicagoland Laborers District Council Fund/LiUNA, hereinafter referred to as the Petitioner, has petitioned the Village of Carol Stream for a Zoning Map Amendment to zone the Property at 4N210 Old Gary Avenue, Hanover Park, Illinois, to I Industrial District upon annexation to the Village of Carol Stream; and

WHEREAS, pursuant to Section 16-8-4 (N) of the Carol Stream Unified Development Ordinance, the Combined Plan Commission/Zoning Board of Appeals, at a regular meeting thereof, held a public hearing on the above petition on April 25, 2022, following proper legal notice of said public hearing, after which the Commission voted to recommend to the Mayor and Board of Trustees of the Village that the Zoning Map Amendment be approved; and

WHEREAS, the Combined Plan Commission/Zoning Board of Appeals has filed its Findings and Recommendations regarding the Zoning Map Amendment with the Mayor and Board of Trustees, and the Mayor and Board of Trustees have duly considered said Findings and Recommendations.

NOW, THEREFORE, BE IT ORDAINED BY THE MAYOR AND BOARD OF TRUSTEES OF THE VILLAGE OF CAROL STREAM, DU PAGE COUNTY, ILLINOIS, IN THE EXERCISE OF ITS HOME RULE POWERS, AS FOLLOWS:

SECTION 1: The Property, totaling 0.901 acres, and legally described below, is hereby granted a Zoning Map Amendment to be zoned I Industrial District upon Annexation.

LEGAL DESCRIPTION OF THE PROPERTY:

THE SOUTH ONE HUNDRED THIRTY-TWO AND TWELVE HUNDREDTHS (132.12) FEET OF THE EAST THREE HUNDRED THIRTY (330) FEET OF THE EAST HALF OF THE NORTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION TWENTY (20) TOWNSHIP 40 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN DUPAGE COUNTY, ILLINOIS.

P.I.N. 02-20-300-005

Common Address: 4N210 Old Gary Avenue, Hanover Park, Illinois 60133

PASSED AND APPROVED THIS 16th DAY OF MAY, 2022.

AYES:

NAYS:

ABSENT:

Frank Saverino, Sr. Mayor

ATTEST:

Julia Schwarze, Village Clerk

AN ORDINANCE APPROVING A SPECIAL USE PERMIT FOR A UNION HALL AND TRAINING FACILITY AND FRONT YARD BUILDING SETBACK VARIATION (CHICAGOLAND LABORERS DISTRICT COUNCIL FUND/LIUNA, 4N210 OLD GARY AVENUE)

WHEREAS, Keith Vitale with the Chicagoland Laborers District Council Fund/LiUNA, hereinafter referred to as the Petitioner, has petitioned the Village of Carol Stream for a Special Use Permit for a Union Hall and Training Facility, as provided in Section 16-3-11 of the Unified Development Ordinance; and a Variation to reduce the required front yard building setback, as provided in Section 16-3-6 (C)(2) of the Unified Development Ordinance, on the property legally described in Section 2 herein and commonly known as 4N210 Old Gary Avenue, Hanover Park, Illinois; and

WHEREAS, pursuant to Sections 16-8-4 (K) and 16-8-4 (L) of the Unified Development Ordinance, the Combined Plan Commission/Zoning Board of Appeals held a public hearing on the above petition on April 25, 2022, following proper legal notice of said public hearing, after which the Commission recommended to the Mayor and Board of Trustees of the Village that the Special Use Permit and Variation be approved; and

WHEREAS, the Combined Plan Commission/Zoning Board of Appeals has filed its Findings and Recommendations regarding the Special Use Permit and Variation with the Mayor and Board of Trustees, and the Mayor and Board of Trustees have duly considered said Findings and Recommendations.

NOW, THEREFORE, BE IT ORDAINED BY THE MAYOR AND BOARD OF TRUSTEES OF THE VILLAGE OF CAROL STREAM, DU PAGE COUNTY, ILLINOIS, IN THE EXERCISE OF ITS HOME RULE POWERS, AS FOLLOWS:

SECTION 1:

The Mayor and Board of Trustees of the Village of Carol Stream, after examining the Petition for the Special Use Permit, and the Findings and Recommendations of the Combined Plan Commission/Zoning Board of Appeals, have determined and find that the requested Special Use Permit:

1. Is deemed necessary for the public convenience at the location. *The training center will provide an additional amenity for the members of the union, to members of the community as a whole.*
2. Will not be unreasonably detrimental to or endanger the public health, safety, morals, comfort or general welfare. *The training center will continue to operate in a manner that should not be detrimental to or endanger the public health, safety, morals, comfort or general welfare.*
3. Will not be injurious to the use and enjoyment of other property in the immediate vicinity for the purposes already permitted, nor substantially diminish and impair property values within the neighborhood. *The surrounding area has a mix of industrial, service, and multi-unit residential uses. The training center conducts all*

training inside of the building, and storage of materials and equipment associated with the training center is inside ancillary buildings on the property and within the training center itself. Therefore, the business should not be injurious to the use and enjoyment of other properties in the immediate vicinity for the purposes already permitted, nor diminish or impair property values within the area.

4. Will not impede the normal and orderly development and improvement of surrounding property for uses permitted in the district. *Surrounding properties are already developed. As such, there should be no impact on the normal and orderly development and improvement of surrounding properties.*
5. Will provide adequate utilities, access roads, drainage and other important and necessary community facilities. *Adequate utilities, access roads, drainage and other public improvements are in place.*
6. Will conform to the applicable regulations of the district in which it is located, except as the Village Board may in each instance modify such regulations. *The project is expected to conform to all applicable codes and requirements.*

SECTION 2:

The Mayor and Board of Trustees of the Village, after examining the Variation request, and the Findings and Recommendations of the Combined Plan Commission/Zoning Board of Appeals, have determined and find that, with respect to the requested Variation:

1. The requested variations arise from conditions that are unique to the subject property, that are not ordinarily found in the same zoning district and that are not a result of the owner's intentional action. *It is believed the requested variation is acceptable given that the building was constructed under DuPage County codes and ordinances, and the applicant will be removing pavement in the right-of-way and installing landscaping along the property frontage.*
2. The variation to be granted will not alter the essential character of the neighborhood in which the subject property is located, nor substantially or permanently impair use or development of adjacent property. *If the variation is granted, it is not believed the essential character of the locality will be altered since the property will basically function in a similar manner to how it functions today, but with an upgraded property frontage.*
3. The strict application of the applicable standards will constitute an unnecessary physical hardship (not economic hardship) because the property cannot be used for an otherwise allowed use without coming into conflict with applicable site development standards. *In order to meet the Industrial District front yard building setback, the building would need to be shifted west approximately 40 feet. This is not a practical option, and the applicant will remove pavement and install landscaping to enhance the property frontage along Old Gary Avenue.*

4. The variation is the minimum action necessary to alleviate the hardship and observes the spirit of this UDO. *It is believed that spirit of the UDO will be maintained with the inclusion of pavement reduction and increased landscaping along Old Gary Avenue.*
5. The variation desired will not adversely affect the public health, safety, or general welfare or impair the purposes or intent of the UDO or the comprehensive plan. *The continued use of the property for training purposes is not different to the main LiUNA facility to the north, and there will be an upgraded appearance to the property with pavement removal, increased landscaping, and new hard-surfaced parking in the rear of the property. In addition, the Village Comprehensive Plan calls for annexing in parcels for future development or redevelopment opportunities. The subject property falls under this category.*

SECTION 3:

The Special Use Permit and Variation, as set forth in the above recitals, are hereby approved and granted to LiUNA, subject to the conditions set forth in Section 4, upon the real estate commonly known as 4N210 Old Gary Avenue, Hanover Park, Illinois, and legally described as follows:

THE SOUTH ONE HUNDRED THIRTY-TWO AND TWELVE HUNDREDTHS (132.12) FEET OF THE EAST THREE HUNDRED THIRTY (330) FEET OF THE EAST HALF OF THE NORTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION TWENTY (20) TOWNSHIP 40 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN DUPAGE COUNTY, ILLINOIS.

hereinafter referred to as the Subject Property.

SECTION 4:

The approval of the Special Use Permit and Variation granted in Sections 1 and 2 herein are subject to the following conditions:

1. That all improvements, including but limited to the parking lot and landscaped areas, must be built, installed, and maintained in accordance with the attached plans and exhibits;
2. That a plat of consolidation to consolidate the subject property and the main LiUNA property at 1200 Old Gary Avenue shall be submitted to the Village for review and approval;
3. Should the property to the south of the subject property (4N184 Old Gary Avenue) redevelop in the future and the existing chain link fence and landscaping be removed, LiUNA shall be required to install an eight-foot tall solid fence and maintain a solid screen of landscaping to properly shield the parking lot;

4. That the site and business must be maintained and operated in accordance with all State, County and Village codes and regulations.

SECTION 5:

The Special Use Permit and Variation are hereby approved and granted as set forth in the following plans and exhibits:

1. Existing Conditions Plan (Exhibit A, received by the Community Development Department July 15, 2021), prepared by Andrews Engineering, 3300 Ginger Creek Drive, Springfield, IL, 62711.
2. Preliminary Layout Plan (Exhibit B, received by the Community Development Department March 31, 2022), prepared by Andrews Engineering, 3300 Ginger Creek Drive, Springfield, IL, 62711.
3. Building Floor Plan (Exhibit C, received by the Community Development Department July 15, 2021), prepared by Andrews Engineering, 3300 Ginger Creek Drive, Springfield, IL, 62711.
4. Preliminary Landscape Plans (Exhibits D-1 and D-2, received by the Community Development Department March 31, 2022), prepared by Andrews Engineering, 3300 Ginger Creek Drive, Springfield, IL, 62711.

SECTION 6:

This Ordinance shall be in full force and effect from and after passage, approval and publication in pamphlet form, provided, however, that this Ordinance is executed by the owners or such other party in interest, consenting to and agreeing to be bound by all of the terms and conditions contained within this Ordinance. Such execution and delivery to the Village shall take place within sixty (60) days after the passage and approval of this Ordinance or within such extension of time as may be granted in the discretion of the corporate authorities, by motion.

SECTION 7:

The failure of the owner or other party in interest, or a subsequent owner or other party in interest, to strictly comply with the terms and conditions of this Ordinance, after execution of this Ordinance, shall subject the owner or party in interest to the penalties set forth in Section 16-8-5 of the Carol Stream Code of Ordinances, and/or termination of the special use permit after notice and public hearing in accordance with the procedures required by the Carol Stream Code of Ordinances.

PASSED AND APPROVED THIS 16th DAY OF MAY, 2022.

AYES:

NAYS:

ABSENT:

Frank Saverino, Sr. Mayor

ATTEST:

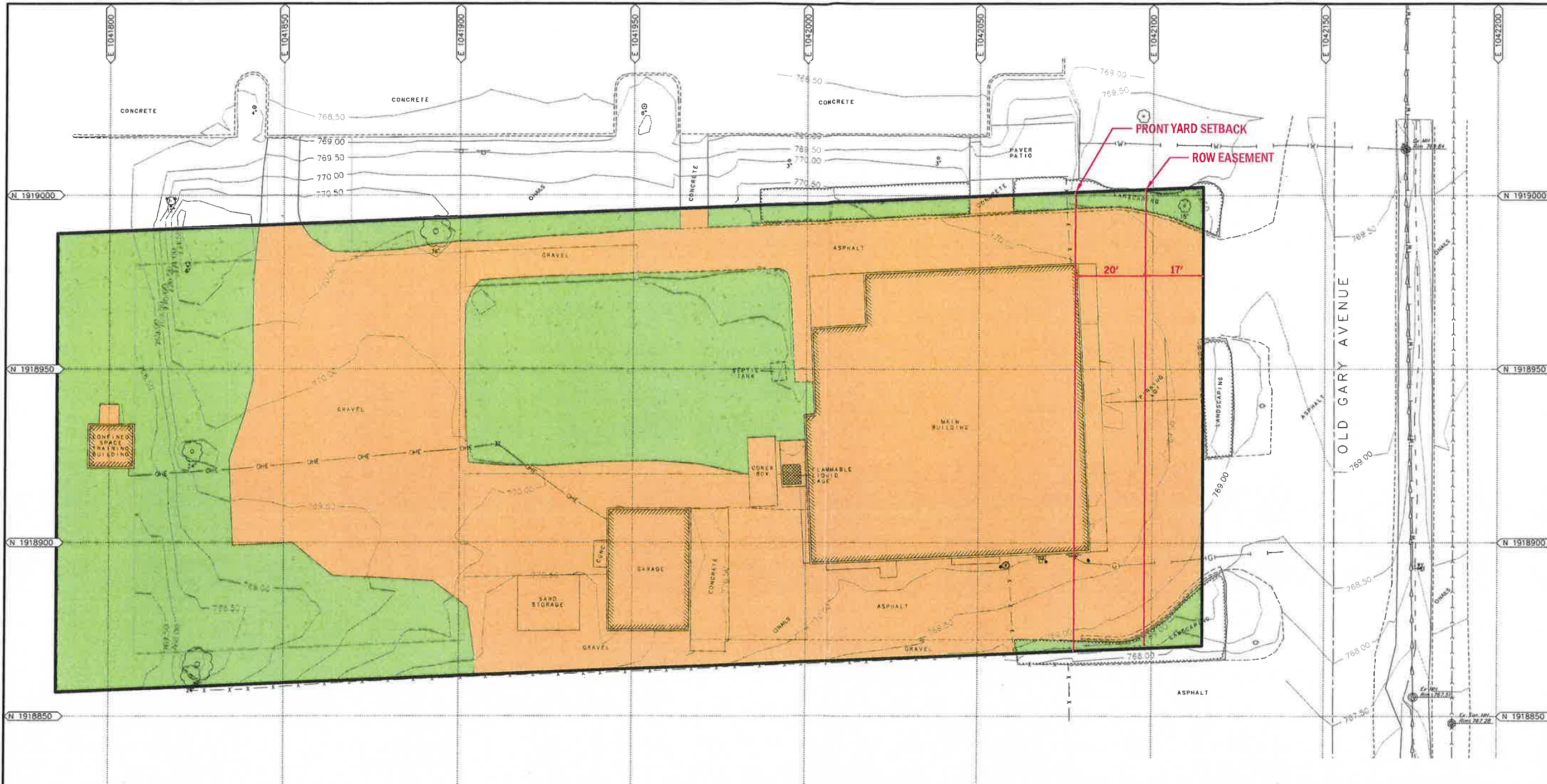
Julia Schwarze, Village Clerk

I, Keith Vitale, being the owner and/or party in interest of the Subject Property legally described in this ordinance, do hereby accept, concur, and agree to develop and use the Subject Property in accordance with the terms and conditions of this Ordinance, and I understand that if I do not do so, I am subject to the penalties set forth in Section 16-8-5 of the Carol Stream Code of Ordinances, and/or termination of the special use permit. LiUNA further agrees to indemnify, hold harmless and defend the Village, and its officers, agents and employees from any and all claims, lawsuits, liabilities damages and costs incurred as a result of the approvals as granted herein.

Date

Owner/Party In Interest

Tab: Layout1
 J:\G\G\G\DWG\2021\Site Plan\Exhibit 1.dwg
 Plotted: Wednesday, July 14, 2021 10:27:58 AM



IMPERVIOUS AREA - 0.64 ACRES
 PERVIOUS AREA - 0.36 ACRES

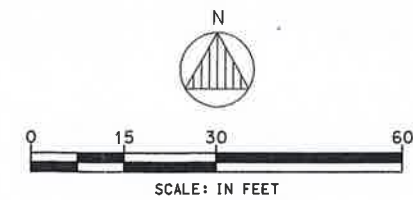
NOTES

- EXISTING TOPOGRAPHY WAS GENERATED FROM SURVEY DATA TAKEN ON MARCH 8, 2021 BY ANDREWS ENGINEERING, INC. CONTOUR INTERVAL SHOWN IS 0.5 FEET.
- FOR CLARITY, NOT ALL SITE FEATURES ARE SHOWN.

LEGEND

- | | | | |
|--|----------------------------|--|---------------------------------|
| | PROPERTY BOUNDARY | | EXISTING SANITARY SEWER MANHOLE |
| | EXISTING 10' CONTOUR | | EXISTING STORM SEWER MANHOLE |
| | EXISTING 2' CONTOUR | | EXISTING SURV. NAIL FOUND |
| | EXISTING FENCE LINE | | EXISTING TRAFFIC SIGN |
| | EXISTING LANDSCAPING | | EXISTING FIRE HYDRANT |
| | EXISTING DITCH | | EXISTING LIGHT POLE |
| | EXISTING BUILDING | | EXISTING POWER POLE |
| | EXISTING EDGE OF PAVEMENT | | EXISTING WATER METER |
| | EXISTING OVERHEAD ELECTRIC | | EXISTING GAS METER |
| | EXISTING GAS LINE | | EXISTING WATER VALVE |
| | EXISTING WATER LINE | | IMPERVIOUS AREA |
| | EXISTING DECIDUOUS TREE | | PERVIOUS AREA |
| | EXISTING WELL HEAD | | |
| | EXISTING BOLLARD POST | | |

EXHIBIT A



RECEIVED

JUL 15 2021

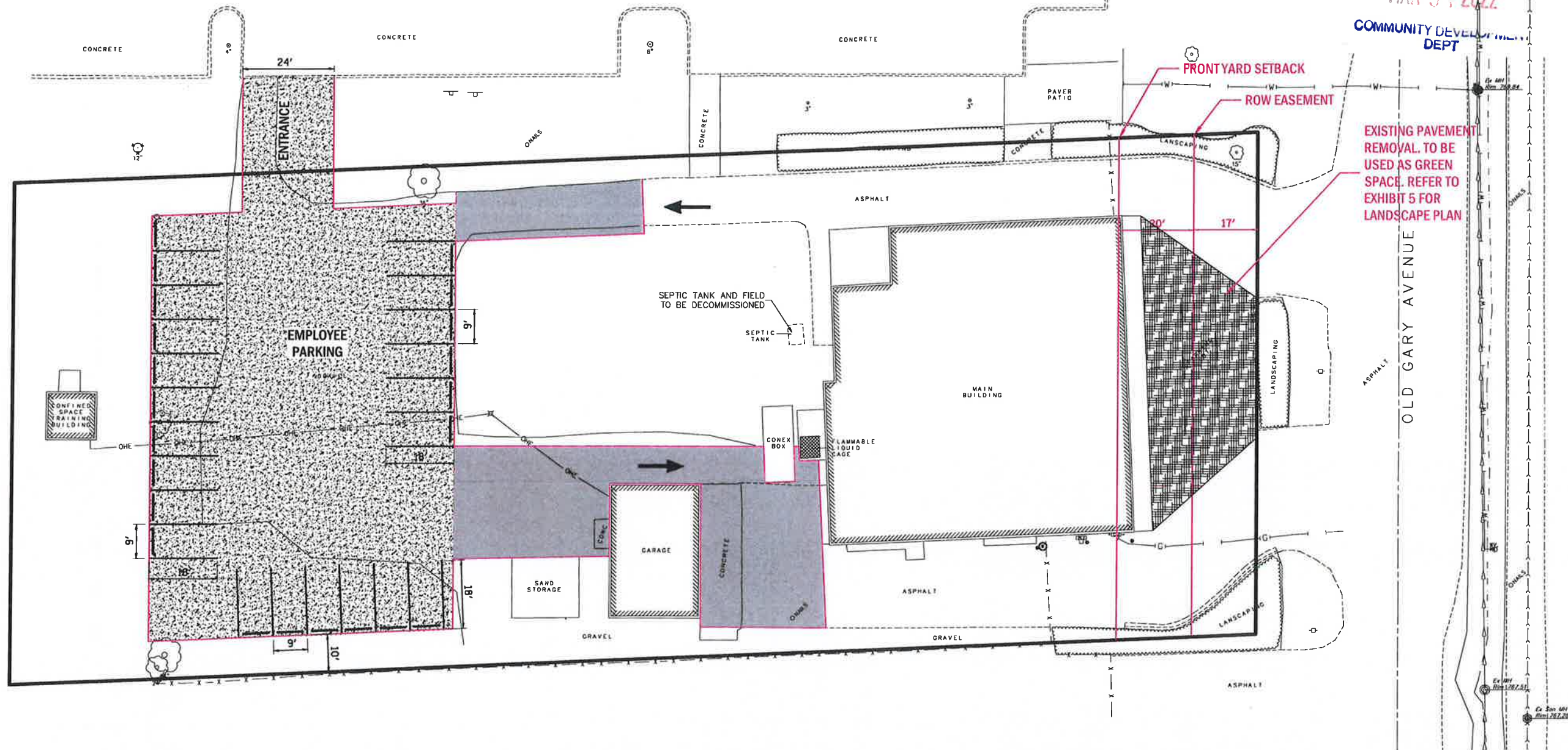
COMMUNITY DEVELOPMENT DEPT

EXISTING CONDITIONS	DATE: APRIL 2021
PREPARED FOR	PROJECT ID: 210218/0002
CHICAGO LABORERS UNION CONCEPT PLAN	SHEET NUMBER:
CHICAGO, DUPAGE COUNTY, ILLINOIS	EXHIBIT
	1
APPROVED BY: SITE	DESIGNED BY: SITE
DRAWN BY: MPN	NO. DATE
REVISION DESCRIPTION	BY

ANDREWS ENGINEERING
 3300 GINGER CREEK DRIVE
 SPRINGFIELD, ILLINOIS 62711-7233
 PH (217) 787-2334 WWW.ANDREWS-ENG.COM
 PONTIAC, IL • LOMBARD, IL • INDIANAPOLIS, IN • WARRENTON, OR

© 2021 Andrews Engineering, Inc.

Tab: Layout1 Last Saved: November 10, 2021, by Ben Korpus Plotted: Wednesday, November 10, 2021 11:34:25 AM
 J:\C\CU\DWG\2021\Site Plan\Exhibit 2.dwg



RECEIVED
 MAR 31 2022
 COMMUNITY DEVELOPMENT
 DEPT

IMPERVIOUS AREA - 0.72 ACRES
 PERVIOUS AREA - 0.28 ACRES

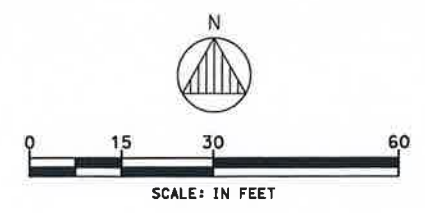
NOTES

1. EXISTING TOPOGRAPHY WAS GENERATED FROM SURVEY DATA TAKEN ON MARCH 8, 2021 BY ANDREWS ENGINEERING, INC. CONTOUR INTERVAL SHOWN IS 0.5 FEET.
2. FOR CLARITY, NOT ALL SITE FEATURES ARE SHOWN.

LEGEND

- | | | | |
|--|----------------------------|--|---------------------------------|
| | PROPERTY BOUNDARY | | EXISTING SANITARY SEWER MANHOLE |
| | EXISTING 10' CONTOUR | | EXISTING STORM SEWER MANHOLE |
| | EXISTING 2' CONTOUR | | EXISTING SURV. NAIL FOUND |
| | EXISTING FENCE LINE | | EXISTING TRAFFIC SIGN |
| | EXISTING LANDSCAPING | | EXISTING FIRE HYDRANT |
| | EXISTING DITCH | | EXISTING LIGHT POLE |
| | EXISTING BUILDING | | EXISTING POWER POLE |
| | EXISTING EDGE OF PAVEMENT | | EXISTING WATER METER |
| | EXISTING OVERHEAD ELECTRIC | | EXISTING GAS METER |
| | EXISTING GAS LINE | | EXISTING WATER VALVE |
| | EXISTING WATER LINE | | PROPOSED SETBACK |
| | EXISTING DECIDUOUS TREE | | PROPOSED CONCRETE |
| | EXISTING WELL HEAD | | PROPOSED ASPHALT OVERLAY |
| | EXISTING BOLLARD POST | | LANDSCAPE |

EXHIBIT B



PRELIMINARY LAYOUT		NO.		DATE		REVISION DESCRIPTION	
PREPARED FOR		NO.		DATE		REVISION DESCRIPTION	
CHICAGO LABORS UNION CONCEPT PLAN		NO.		DATE		REVISION DESCRIPTION	
CHICAGO, DUPAGE COUNTY, ILLINOIS		NO.		DATE		REVISION DESCRIPTION	
DATE: NOVEMBER 2021		NO.		DATE		REVISION DESCRIPTION	
PROJECT ID: 210218/0002		NO.		DATE		REVISION DESCRIPTION	
SHEET NUMBER:		NO.		DATE		REVISION DESCRIPTION	
EXHIBIT		NO.		DATE		REVISION DESCRIPTION	
2		NO.		DATE		REVISION DESCRIPTION	
APPROVED BY: STE		NO.		DATE		REVISION DESCRIPTION	
DESIGNED BY: STE		NO.		DATE		REVISION DESCRIPTION	
DRAWN BY: BCK		NO.		DATE		REVISION DESCRIPTION	
BY		NO.		DATE		REVISION DESCRIPTION	

ANDREWS ENGINEERING
 3300 GINGER CREEK DRIVE
 SPRINGFIELD, ILLINOIS 62711-7233
 PH (217) 797-2334 WWW.ANDREWS-ENG.COM
 PONTIAC, IL • LOMBARD, IL • INDIANAPOLIS, IN • WARRENTON, OR

Tab: Layout1 Last Saved: July 14, 2021, by Mike Nguyen Plotted: Wednesday, July 14, 2021 11:12:45 AM
 J:\C\LU\DWG\2021\Site Plan\Exhibit 4.dwg

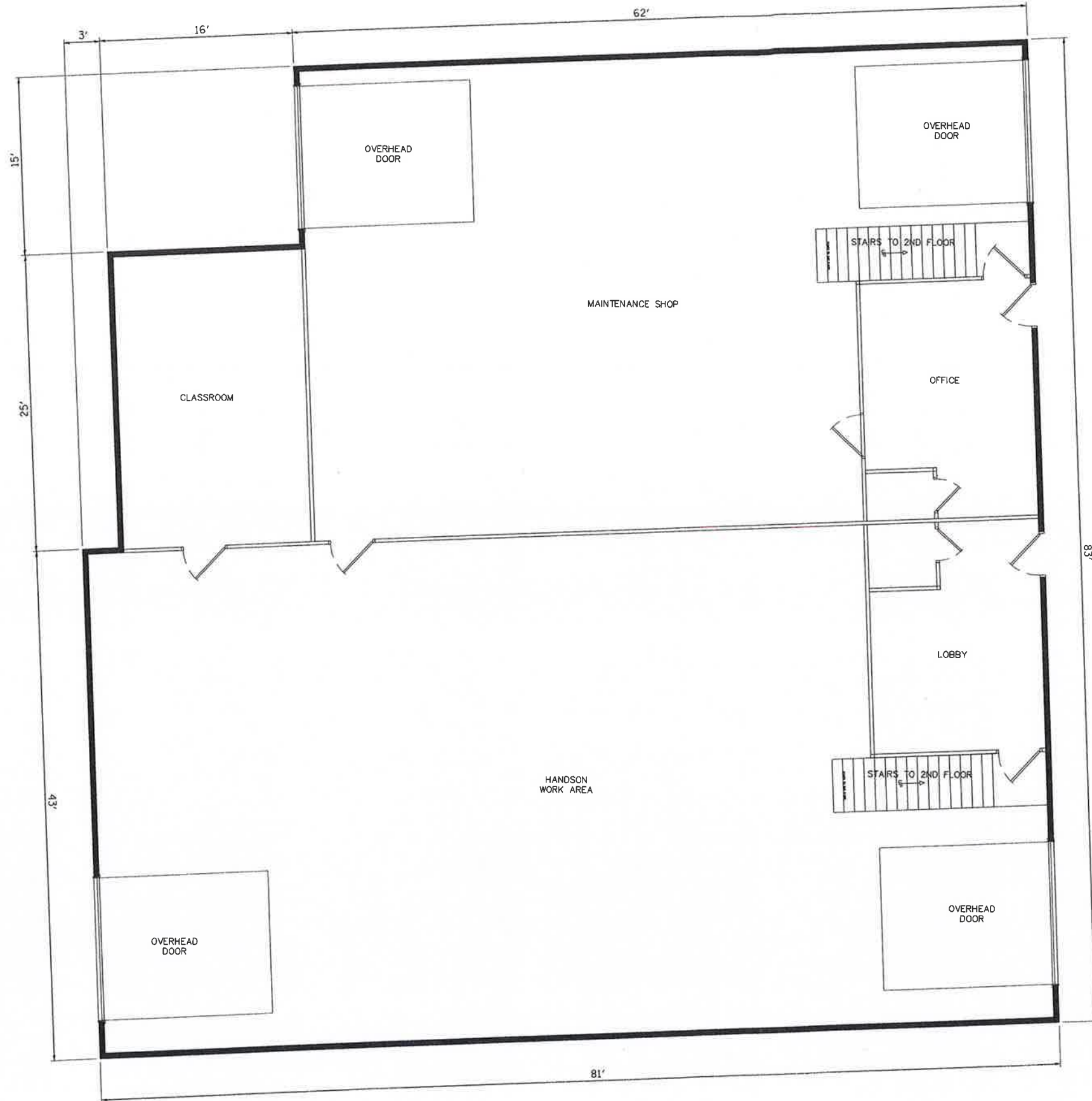
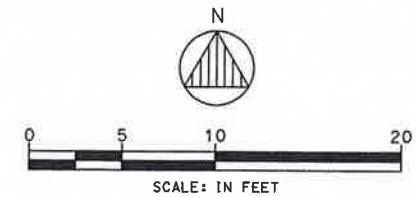


EXHIBIT C



RECEIVED

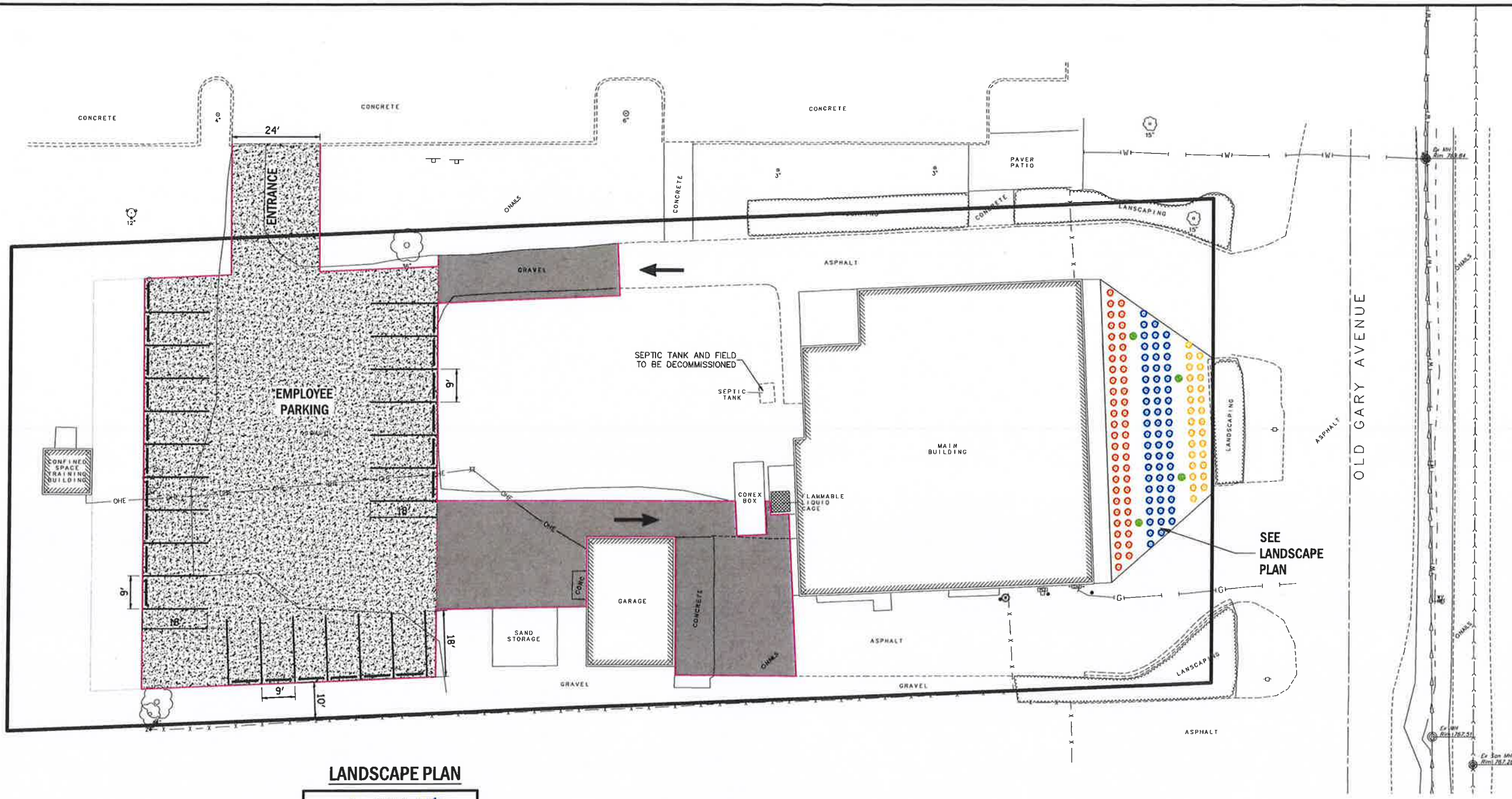
JUL 15 2021

COMMUNITY DEVELOPMENT DEPT

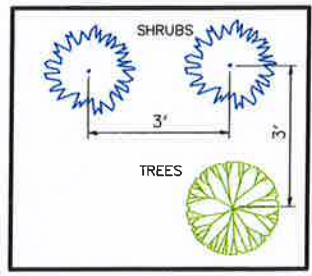
BUILDING FLOOR PLAN		NO.	DATE	REVISION DESCRIPTION	BY
PREPARED FOR					
CHICAGO LABORS UNION CONCEPT PLAN					
CHICAGO, DUPAGE COUNTY, ILLINOIS					
DATE:	JULY 2021				
PROJECT ID:	210218/0002				
SHEET NUMBER:	EXHIBIT 4				
ANDREWS ENGINEERING 3300 GINGER CREEK DRIVE SPRINGFIELD, ILLINOIS 62711-7233 PH (217) 787-2334 WWW.ANDREWS-ENG.COM PONTIAC, IL • LOMBARD, IL • INDIANAPOLIS, IN • WARRENTON, OR APPROVED BY: SITE DESIGNED BY: SITE DRAWN BY: MPN					

© 2021 Andrews Engineering, Inc.

Tab: EXHIBIT 5
 Last Saved: March 28, 2022, by Ben Korpus
 J:\CAGU\DWG\2021\Site Plan\Exhibit Revisions\Exhibit 5.dwg
 Plotted: Monday, March 28, 2022, 3:31:59 PM



LANDSCAPE PLAN



IMPERVIOUS AREA - 0.72 ACRES
PERVIOUS AREA - 0.28 ACRES

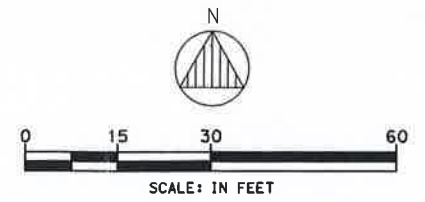
NOTES

1. EXISTING TOPOGRAPHY WAS GENERATED FROM SURVEY DATA TAKEN ON MARCH 8, 2021 BY ANDREWS ENGINEERING, INC. CONTOUR INTERVAL SHOWN IS 0.5 FEET.
2. FOR CLARITY, NOT ALL SITE FEATURES ARE SHOWN.

LEGEND

- | | | | |
|--|----------------------------|--|---------------------------------|
| | PROPERTY BOUNDARY | | EXISTING SANITARY SEWER MANHOLE |
| | EXISTING 10' CONTOUR | | EXISTING STORM SEWER MANHOLE |
| | EXISTING 2' CONTOUR | | EXISTING SURV. NAIL FOUND |
| | EXISTING FENCE LINE | | EXISTING TRAFFIC SIGN |
| | EXISTING LANDSCAPING | | EXISTING FIRE HYDRANT |
| | EXISTING DITCH | | EXISTING LIGHT POLE |
| | EXISTING BUILDING | | EXISTING POWER POLE |
| | EXISTING EDGE OF PAVEMENT | | EXISTING WATER METER |
| | EXISTING OVERHEAD ELECTRIC | | EXISTING GAS METER |
| | EXISTING GAS LINE | | EXISTING WATER VALVE |
| | EXISTING WATER LINE | | PROPOSED SETBACK |
| | EXISTING DECIDUOUS TREE | | PROPOSED CONCRETE |
| | EXISTING WELL HEAD | | PROPOSED ASPHALT OVERLAY |
| | EXISTING BOLLARD POST | | |

EXHIBIT D-1



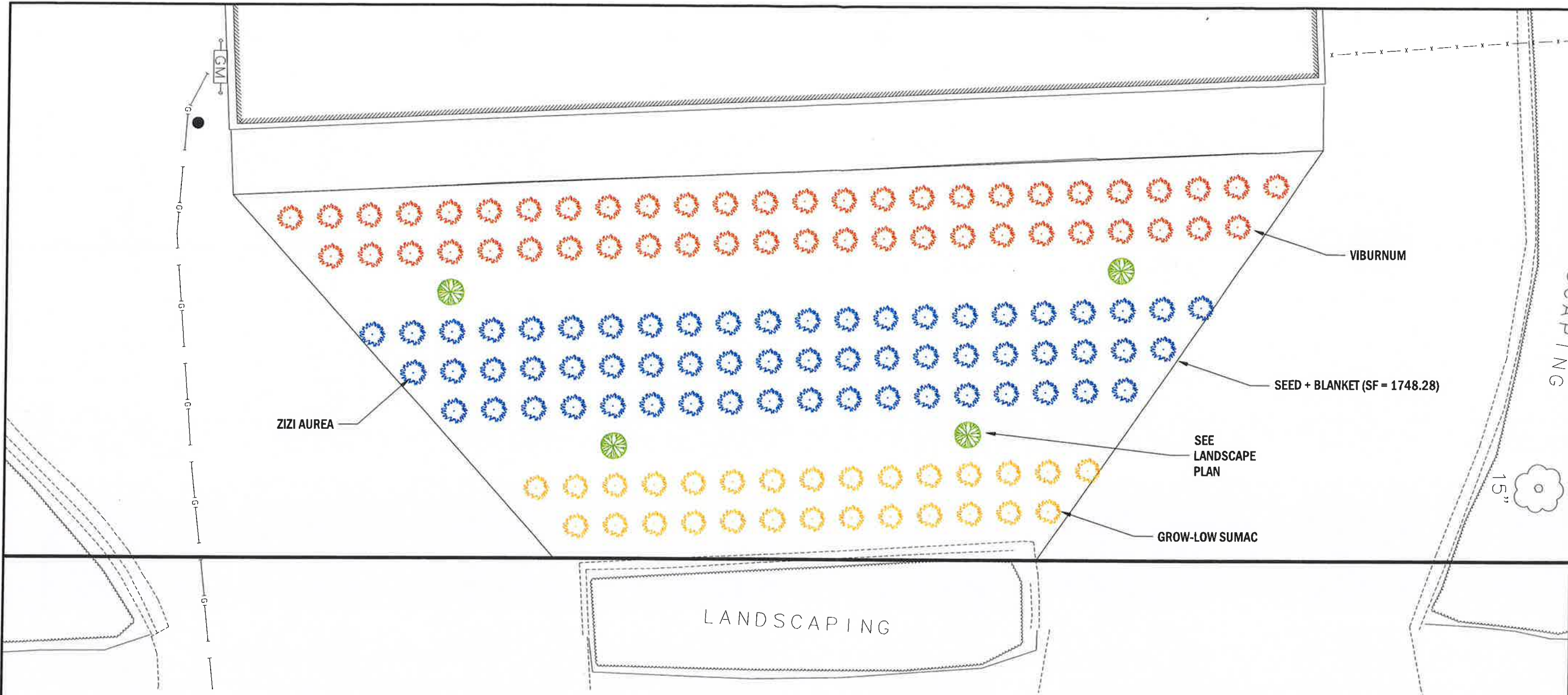
RECEIVED
 MAR 31 2022

COMMUNITY DEVELOPMENT DEPT

PRELIMINARY LANDSCAPE PLAN PREPARED FOR CHICAGO LABORS UNION CONCEPT PLAN CHICAGO, DUPAGE COUNTY, ILLINOIS	 ANDREWS ENGINEERING 3300 GINGER CREEK DRIVE SPRINGFIELD, ILLINOIS 62711-7233 PH (217) 787-2334 WWW.ANDREWS-ENG.COM PONTIAC, IL • LOMBARD, IL • INDIANAPOLIS, IN • WARRENTON, OR APPROVED BY: STE DESIGNED BY: STE DRAWN BY: BCK NO. DATE 1/27/22 REVISED LANDSCAPE PLAN BY
DATE: NOVEMBER 2021 PROJECT ID: 210218/0002 SHEET NUMBER: EXHIBIT 5	

© 2021 Andrews Engineering, Inc.

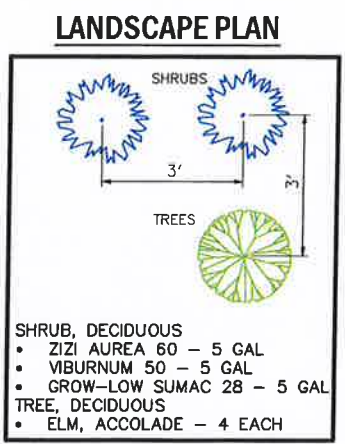
Tab: EXHIBIT 6
 Last Saved: March 28, 2022, by Ben Karpus
 J:\C\LU\DWG\2021\Site Plan\Exhibit Revisions\Exhibit_5.dwg
 Plotted: Monday, March 28, 2022 3:32:11 PM



IMPERVIOUS AREA - 0.72 ACRES
PERVIOUS AREA - 0.28 ACRES

NOTES

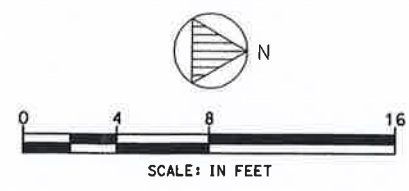
- EXISTING TOPOGRAPHY WAS GENERATED FROM SURVEY DATA TAKEN ON MARCH 8, 2021 BY ANDREWS ENGINEERING, INC. CONTOUR INTERVAL SHOWN IS 0.5 FEET.
- FOR CLARITY, NOT ALL SITE FEATURES ARE SHOWN.



LEGEND

	PROPERTY BOUNDARY		EXISTING SANITARY SEWER MANHOLE
	EXISTING 10' CONTOUR		EXISTING STORM SEWER MANHOLE
	EXISTING 2' CONTOUR		EXISTING SURV. NAIL FOUND
	EXISTING FENCE LINE		EXISTING TRAFFIC SIGN
	EXISTING LANDSCAPING		EXISTING FIRE HYDRANT
	EXISTING DITCH		EXISTING LIGHT POLE
	EXISTING BUILDING		EXISTING POWER POLE
	EXISTING EDGE OF PAVEMENT		EXISTING WATER METER
	EXISTING OVERHEAD ELECTRIC		EXISTING GAS METER
	EXISTING GAS LINE		EXISTING WATER VALVE
	EXISTING WATER LINE		PROPOSED SETBACK
	EXISTING DECIDUOUS TREE		PROPOSED CONCRETE
	EXISTING WELL HEAD		PROPOSED ASPHALT OVERLAY
	EXISTING BOLLARD POST		

EXHIBIT D-2



RECEIVED
 MAR 31 2022
 COMMUNITY DEVELOPMENT
 DEPT


 ANDREWS ENGINEERING 3300 GINGER CREEK DRIVE SPRINGFIELD, ILLINOIS 62711-7233 PH (217) 787-2334 WWW.ANDREWS-ENG.COM PONTIAC, IL • LOMBARD, IL • INDIANAPOLIS, IN • WARRENTON, OR APPROVED BY: STE DESIGNED BY: STE DRAWN BY: BCK	NO.	DATE	BY
PRELIMINARY LANDSCAPE PLAN PREPARED FOR CHICAGO LABORERS UNION CONCEPT PLAN CHICAGO, DUPAGE COUNTY, ILLINOIS	DATE:	NOVEMBER 2021	
	PROJECT ID:	210218/0002	
	SHEET NUMBER:	EXHIBIT	
		6	

© 2022 Andrews Engineering, Inc.

Village of Carol Stream

Interdepartmental Memo

TO: Robert Mellor, Village Manager

FROM: Adam Frederick, Assistant Village Engineer 

DATE: May 11, 2022

RE: Rebuild Illinois Bond Fund - Resolution for Improvement Under the Illinois Highway Code – Morton Road Reconstruction (Section 22-00067-00-WR)

Attached is a Resolution for Improvement Under the Illinois Highway Code for construction costs related to the Morton Road Reconstruction Project in the amount of \$580,800.00.

Construction costs for this project will be funded through the Rebuild Illinois Bond Fund (RIB). Expenditures to the bond fund will be similar to MFT Funding procedures. As such, Illinois Department of Transportation procedures and documentation must be followed. It is therefore recommended that the IDOT Resolution for Improvement Under the Illinois Highway Code be approved in the amount of \$580,800.00. This value is based off of the final estimate of cost. The FY23 budget has \$512,000.00 budgeted for construction, however, ample Rebuild Illinois Bond Funds exist and must be expended. Actual construction costs will be based on the bid unit prices.

The bid opening for the project is scheduled for May 27th. As long as bids are favorable an award of contract for construction will be considered at a Board Meeting in June.

Once four copies of the attached Resolution are executed, the Engineering Services Department will forward all required documents to the Illinois Department of Transportation Bureau of Local Roads and Streets for approval.

Attachments:

4 Copies BLR 09110

1 Copy of Estimate of Cost

CC: William N. Cleveland, Director of Engineering Services
Jon Batek, Finance Director
Sherry Craig, Clerk's Office Secretary



Resolution for Improvement Under the Illinois Highway Code Rebuild Illinois Bond Fund



Is this project a bondable capital improvement? [X] Yes [] No

Resolution Type: Original, Resolution Number: [], Section Number: 22-00067-00-WR

BE IT RESOLVED, by the Board of the Village of Carol Stream, Illinois that the following described street(s)/road(s)/structure be improved under the Illinois Highway Code. Work shall be done by Contract.

For Roadway/Street Improvements:

Table with 5 columns: Name of Street(s)/Road(s), Length (miles), Route, From, To. Row 1: Morton Road, 0.138, St. Charles Road (CH7), North Ave (IL Route 64)

For Structures:

Table with 5 columns: Name of Street(s)/Road(s), Existing Structure No., Route, Location, Feature Crossed

BE IT FURTHER RESOLVED,

1. That the proposed improvement shall consist of Full pavement removal, excavation, aggregate sub-base improvements, storm sewer removal and replacement, milling existing HMA to be replaced with HMA binder and surface, removal of existing storm sewer and structures, curb and gutter, adjustment of structures, pavement markings, grading and related restoration.

2. That there is hereby appropriated the sum of Five Hundred Eighty Thousand Eight Hundred Dollars (\$580,800.00) for the improvement of said section from the Local Public Agency's allotment of Motor Fuel Tax funds.

BE IT FURTHER RESOLVED, that the Clerk is hereby directed to transmit four (4) certified originals of this resolution to the district office of the Department of Transportation.

I, Julia Schwarze, Village Clerk in and for said Village of Carol Stream

of Carol Stream in the State aforesaid, and keeper of the records and files thereof, as provided by statute, do hereby certify the foregoing to be a true, perfect and complete original of a resolution adopted by

Board of Carol Stream at a meeting held on May 16, 2022

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 16th day of May, 2022

(SEAL)

Clerk Signature and Date fields

Approved

Regional Engineer Signature and Date fields

**ENGINEERS ESTIMATE OF PROBABLE CONSTRUCTION COST
MORTON ROAD IMPROVEMENTS**

03/24/2022 S S


CS-07

NO.	ITEM	QUANTITY	UNIT	UNIT COST	EXTENDED PRICE
1	MOBILIZATION	1	L SUM	\$35,000.00	\$35,000.00
2	TRAFFIC CONTROL AND PROTECTION, SPECIAL	1	L SUM	\$15,000.00	\$15,000.00
3	INLET FILTERS	8	EACH	\$150.00	\$1,200.00
4	PERIMETER EROSION BARRIER	540	FOOT	\$5.00	\$2,700.00
5	EARTH EXCAVATION	400	CU YD	\$50.00	\$20,000.00
6	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL	150	CU YD	\$50.00	\$7,500.00
7	NON-SPECIAL WASTE DISPOSAL	50	CU YD	\$80.00	\$4,000.00
8	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	2050	SQ YD	\$3.00	\$6,150.00
9	UNCONTAMINATED SOIL CERTIFICATION	1	L SUM	\$3,000.00	\$3,000.00
10	TOPSOIL FURNISH AND PLACE, 4"	2200	SQ YD	\$8.00	\$17,600.00
11	SEEDING, CLASS 1 (WITH FERTILIZER)	2200	SQ YD	\$2.00	\$4,400.00
12	EROSION CONTROL BLANKET	2200	SQ YD	\$4.00	\$8,800.00
13	DRIVEWAY PAVEMENT REMOVAL	60	SQ YD	\$10.00	\$600.00
14	HOT-MIX ASPHALT DRIVEWAY PAVEMENT	60	SQ YD	\$100.00	\$6,000.00
15	STONE RIP-RAP CLASS A3	32	TON	\$90.00	\$2,880.00
16	STORM SEWER REMOVAL	200	FOOT	\$10.00	\$2,000.00
17	PIPE CULVERT REMOVAL	85	FOOT	\$10.00	\$850.00
18	REMOVE FLARED END SECTIONS	9	EACH	\$500.00	\$4,500.00
19	REMOVE STORM STRUCTURES	2	EACH	\$500.00	\$1,000.00
20	RELOCATE SIGNS	2	EACH	\$750.00	\$1,500.00
21	COMBINATION CURB AND GUTTER REMOVAL	60	FOOT	\$15.00	\$900.00
22	PAVEMENT REMOVAL, SPECIAL	900	SQ YD	\$35.00	\$31,500.00
23	HMA SURFACE REMOVAL - BUTT JOINT	122	SQ YD	\$15.00	\$1,830.00
24	HMA SURFACE REMOVAL VARIABLE DEPTH	1700	SQ YD	\$10.00	\$17,000.00
25	AGGREGATE SUBGRADE IMPROVEMENT, 12"	1050	TON	\$35.00	\$36,750.00
26	POROUS GRANULAR EMBANKMENT (AS NEEDED)	270	TON	\$35.00	\$9,450.00
27	STRIP REFLECTIVE CRACK CONTROL TREATMENT	310	FOOT	\$12.50	\$3,875.00
28	HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50	365	TON	\$90.00	\$32,850.00
29	HOT-MIX ASPHALT BINDER COURSE IL.19.0, N50	750	TON	\$90.00	\$67,500.00
30	HOT-MIX ASPHALT BASE COURSE, 6"	500	TON	\$85.00	\$42,500.00
31	COMB. PCC CURB & GUTTER, B6.12	1050	FOOT	\$29.00	\$30,450.00
32	BARRIER CURB REMOVAL AND REPLACEMENT	22	FOOT	\$35.00	\$770.00
33	FIELD DRAIN LINE REMOVAL	60	FOOT	\$25.00	\$1,500.00
34	SANITARY MANHOLES TO BE ADJUSTED	2	EACH	\$1,500.00	\$3,000.00
NO.	ITEM	QUANTITY	UNIT	UNIT COST	EXTENDED PRICE
35	CONNECTION TO EXISTING STRUCTURE	2	EACH	\$750.00	\$1,500.00
36	CONNECTION TO EXISTING STORM SEWER	4	EACH	\$750.00	\$3,000.00
37	STORM SEWER 6" DIA ADS PIPE	70	FOOT	\$40.00	\$2,800.00
38	STORM SEWER 12" DIA RCP, CL IV, WITH RUBBER GASKET	112	FOOT	\$45.00	\$5,040.00
39	STORM SEWER 12" DIA DUCTILE IRON PIPE	130	FOOT	\$120.00	\$15,600.00
40	STORM SEWER 15" DIA RCP, CL IV, WITH RUBBER GASKET	150	FOOT	\$50.00	\$7,500.00
41	STORM SEWER 18" DIA RCP, CL IV, WITH RUBBER GASKET	270	FOOT	\$60.00	\$16,200.00
42	STORM SEWER 24" DIA RCP, CL III, WITH RUBBER GASKET	220	FOOT	\$75.00	\$16,500.00
43	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 12"	2	EACH	\$1,600.00	\$3,200.00
44	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 18"	2	EACH	\$2,000.00	\$4,000.00
45	INLET TY A, W/TYP 11 FRAME & GRATE	4	EACH	\$2,000.00	\$8,000.00
46	INLET TYA, W/TY1 FRAME & GRATE	1	EACH	\$1,800.00	\$1,800.00
47	MANHOLES TY A, 4' DIA, W/TY 1 FRAME AND CLOSED LID	2	EACH	\$3,000.00	\$6,000.00
48	MANHOLES TY A, 6' DIA, W/TY 1 FRAME AND CLOSED LID	1	EACH	\$3,500.00	\$3,500.00
49	CATCH BASIN TY C, W/TYP 11 FRAME & GRATE	4	EACH	\$2,000.00	\$8,000.00
50	STORM CONTROL STRUCTURE, 6' DIA, W/ TY 1 FR & CL & SNOOT	1	EACH	\$5,000.00	\$5,000.00
51	CATCH BASIN TY A, 4' DIA, W/TY 1 FRAME & CLOSED LID	2	EACH	\$3,000.00	\$6,000.00
52	THERMOPLASTIC PAVEMENT MARKING LINE, 4"	2250	FOOT	\$1.00	\$2,250.00
53	THERMOPLASTIC PAVEMENT MARKING LINE, 6"	470	FOOT	\$1.50	\$705.00
54	THERMOPLASTIC PAVEMENT MARKING LINE, 12"	120	FOOT	\$3.00	\$360.00
55	THERMOPLASTIC PAVEMENT MARKING LINE, 24"	50	FOOT	\$5.00	\$250.00
56	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	37	SQ FT	\$5.00	\$185.00
57	EPOXY PAVEMENT MARKING LINE, 4"	150	FOOT	\$2.00	\$300.00
58	EPOXY PAVEMENT MARKING LINE, 6"	75	FOOT	\$3.00	\$225.00
59	EPOXY PAVEMENT MARKING LINE, 24"	40	FOOT	\$9.00	\$360.00
60	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	67	SQ FT	\$10.00	\$670.00
61	CHANGEABLE MESSAGE SIGN	20	CAL DAY	\$100.00	\$2,000.00
62	LIGHTING UNIT COMPLETE	2	EACH	\$4,500.00	\$9,000.00
63	LIGHT POLE HELIX FOUNDATION	2	EACH	\$750.00	\$1,500.00
64	GROUND MOUNTED METER PEDESTAL	1	EACH	\$2,800.00	\$2,800.00
65	LIGHTING ELECTRICAL CABLE IN CONDUIT	350	FOOT	\$20.00	\$7,000.00
66	CONSTRUCTION LAYOUT	1	L SUM	\$15,000.00	\$15,000.00
TOTAL					\$580,800.00

Village of Carol Stream

Interdepartmental Memo

TO: Robert Mellor, Village Manager

FROM: Adam Frederick, Assistant Village Engineer 

DATE: May 11, 2022

RE: Resolution for Maintenance Under the Illinois Highway Code
2022 Crackfill Project

Attached in IDOT format is the referenced resolution for the 2022 Crackfill Project and Estimate of Maintenance Costs in the amount of \$75,000.00. This project is funded with Motor Fuel Tax dollars and therefore needs to be approved by the Illinois Department of Transportation prior to award of contract.

The cost estimate and budget for this project is \$75,000.00.

Once four copies of the attached documents are executed, the Engineering Services Department will forward the documents to the Illinois Department of Transportation Bureau of Local Roads for approval.

Attachments:

4 Copies BLR14220

1 Copy BLR 14222

CC: William N. Cleveland, Director of Engineering Services
Jon Batek, Finance Director
Sherry Craig, Clerk's Office Secretary



Resolution for Maintenance Under the Illinois Highway Code



Resolution Number	Resolution Type	Section Number
	Original	23-00000-00-GM

BE IT RESOLVED, by the Board of the Village of Carol Stream Illinois that there is hereby appropriated the sum of Seventy Five Thousand Dollars (\$75,000.00)

of Motor Fuel Tax funds for the purpose of maintaining streets and highways under the applicable provisions of Illinois Highway Code from 05/01/22 to 04/30/23.

BE IT FURTHER RESOLVED, that only those operations as listed and described on the approved Estimate of Maintenance Costs, including supplemental or revised estimates approved in connection with this resolution, are eligible for maintenance with Motor Fuel Tax funds during the period as specified above.

BE IT FURTHER RESOLVED, that Village of Carol Stream shall submit within three months after the end of the maintenance period as stated above, to the Department of Transportation, on forms available from the Department, a certified statement showing expenditures and the balances remaining in the funds authorized for expenditure by the Department under this appropriation, and

BE IT FURTHER RESOLVED, that the Clerk is hereby directed to transmit four (4) certified originals of this resolution to the district office of the Department of Transportation.

I Julia Schwarze Village Clerk in and for said Village of Carol Stream in the State of Illinois, and keeper of the records and files thereof, as

provided by statute, do hereby certify the foregoing to be a true, perfect and complete copy of a resolution adopted by the

Board of Carol Stream at a meeting held on 05/16/22

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 16th day of May, 2022.

(SEAL)

Clerk Signature

APPROVED

Regional Engineer
Department of Transportation

Date



Local Public Agency General Maintenance

Estimate of Maintenance Costs

Submission Type

Estimate of Cost for

Local Public Agency County Section Number Maintenance Period Beginning Ending

Maintenance Items

Maintenance Operation	Maint Eng Category	Insp. Req.	Material Categories/ Point of Delivery or Work Performed by an Outside Contractor	Unit	Quantity	Unit Cost	Cost	Total Maintenance Operation Cost
1. Fiberized Crackfill 23-00000-01-GM)	IIB	No	Fiber Asphalt	LB	55,000	\$1.28	\$70,400.00	\$70,400.00
		No	Fine Aggregate (FA-1)	TON	20	\$60.00	\$1,200.00	\$1,200.00
		No	Traffic Control and Prot.	LS	1	\$3,400.00	\$3,400.00	\$3,400.00
Total Operation Cost								\$75,000.00

Estimate of Maintenance Costs Summary

Maintenance	MFT Funds	RBI Funds	Other Funds	Estimated Costs
Local Public Agency Labor				
Local Public Agency Equipment				
Materials/Contracts(Non Bid Items)				
Materials/Deliver & Install/Materials Quotations (Bid Items)				
Formal Contract (Bid Items)				
Maintenance Total				

Estimated Maintenance Eng Costs Summary

Maintenance Engineering	MFT Funds	RBI Funds	Other Funds	Total Est Costs
Preliminary Engineering				
Engineering Inspection				
Material Testing				
Advertising				
Bridge Inspection Engineering				
Maintenance Engineering Total				

Total Estimated Maintenance

Remarks

SUBMITTED

Local Public Agency Official Date

Title

County Engineer/Superintendent of Highways Date

APPROVED

Regional Engineer Date
Department of Transportation

Village of Carol Stream
Interdepartmental Memo

TO: Village Trustees
FROM: Frank Saverino, Sr., Mayor *FS 5/12/2022*
DATE: May 10, 2022
RE: Reappointment of Gabriel Murcia to the Board of Fire and Police Commission

The term of Gabe Murcia on the Board of Fire and Police Commission has expired. Mr. Murcia has served with distinction on the Commission and has expressed an interest in continuing to serve the community. I am therefore pleased to recommend the appointment of Gabe Murcia to a three year term on the Board of Fire and Police Commission with a term expiring April 30, 2025.

Your concurrence with this recommendation is requested.

FS/dk

cc: Caryl Rebholz, Employee Relations Director

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on MAY 16,2022**

AGENDA ITEM
L-1 5/16/22

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
ACCURATE OFFICE SUPPLY CO					
BOND PAPER	8.91	01520000-53314	OFFICE SUPPLIES	564807	
COPY PAPER 20 BOXES	748.20	01590000-53317	OPERATING SUPPLIES	564807	
ENVELOPES	15.91	01590000-53317	OPERATING SUPPLIES	566892	
FILE POCKET FOLDERS	21.15	01520000-53314	OFFICE SUPPLIES	566892	
OFFICE SUPPLIES	18.04	01640100-53317	OPERATING SUPPLIES	567238	
	812.21				
ACE ANIMAL CONTROL INC					
PEST TREATMENT PD CELLS	195.00	01680000-52244	MAINTENANCE & REPAIR	146925	
	195.00				
ACTION INDUSTRIAL SUPPLY CO					
BOOTS-JONATHAN	130.49	01620100-53324	UNIFORMS	4096702	
	130.49				
AEP ENERGY					
1345 GEORGETOWN 03/22-04/20/22	21.44	01670300-53213	STREET LIGHT ELECTRICITY	3013130390	04/21/22
192 YUMA LN 03/21-04/19/22	26.81	01670300-53213	STREET LIGHT ELECTRICITY	3013130479	04/20/22
300 BENNETT DR 03/23-04/21/22	1,150.85	01670300-53213	STREET LIGHT ELECTRICITY	3013130367	04/22/22
401 TOMAHAWK 03/21-04/19/22	36.98	01670300-53213	STREET LIGHT ELECTRICITY	3013130468	04/20/22
403 SIOUX 03/21-04/19/22	21.86	01670300-53213	STREET LIGHT ELECTRICITY	3013130389	04/20/22
491 CHEYENNE 03/21-04/19/22	21.60	01670300-53213	STREET LIGHT ELECTRICITY	3013130413	04/20/22
512 CANYON TRL 03/21-04/19/22	19.42	01670300-53213	STREET LIGHT ELECTRICITY	3013130402	04/20/22
594 NEZ EPRCE CT 03/21-04/19/22	18.17	01670300-53213	STREET LIGHT ELECTRICITY	3013130424	04/20/22
633 THUNDERBIRD 03/21-04/19/22	74.64	01670300-53213	STREET LIGHT ELECTRICITY	3013130457	04/20/22
796 PAWNEE 03/21-04/19/22	58.87	01670300-53213	STREET LIGHT ELECTRICITY	3013130435	04/20/22
	1,450.64				

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on MAY 16,2022**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
AMAZON.COM					
AIR TOOL OIL	16.00	04201600-53316	TOOLS	6373815	
AP DIPSTICK	18.77	01696200-53354	PARTS PURCHASED	7119409	
BACKUP SYSTEM HARD DRIVES	499.98	01652800-53317	OPERATING SUPPLIES	1766605	
BOOTS-BRENDAN BAUERS	144.95	01670100-53324	UNIFORMS	8199413	
CELL PHONE CASES	398.84	01662700-53317	OPERATING SUPPLIES	5361805	
CLEANER ICE MAKER TOWN CENTER	87.40	01680000-53319	MAINTENANCE SUPPLIES	4717017	
CLEANING SUPPLIES	20.64	01660100-53317	OPERATING SUPPLIES	9321816	
CRAFT ADHESIVE	30.64	01696200-53317	OPERATING SUPPLIES	4112238	
CRIMP CONNECTORS SECURITY SYS	9.50	01652800-53317	OPERATING SUPPLIES	1822600	
DEMOUNT IRON	112.96	01696200-53316	TOOLS	3445814	
DOOR STOPS	19.38	01662700-53317	OPERATING SUPPLIES	7107407	
DRILL BITS	15.16	04201600-53316	TOOLS	7777063	
EQUIPMENT	34.95	01662700-53317	OPERATING SUPPLIES	7217802	
EQUIPMENT	89.99	01662700-53317	OPERATING SUPPLIES	2583442	
EQUIPMENT	314.55	01662700-53317	OPERATING SUPPLIES	4217802	
FLAGS	70.54	01670400-53317	OPERATING SUPPLIES	9765014	
FOLDERS	87.92	01664700-53325	COMMUNITY RELATIONS	8460208	
FY22 SCREWDRIVER SET	39.67	01696200-53316	TOOLS	7185804	
GLASS CLEANER	35.19	01696200-53317	OPERATING SUPPLIES	1704238	
GLASSES	34.10	04200100-53324	UNIFORMS	4753851	
GLASSES	35.04	04100100-53324	UNIFORMS	6869020	
GLOVES	49.94	04100100-53324	UNIFORMS	3280238	
GLOVES	78.00	04200100-53324	UNIFORMS	2762630	
GLOVES	91.80	04200100-53324	UNIFORMS	3437020	
GREASE,GASKET MAKER	101.06	01696200-53317	OPERATING SUPPLIES	7185804	
GRINDING WHEELS	59.39	01696200-53317	OPERATING SUPPLIES	6197017	
HYD METER SIGNS	29.84	04201400-53333	NEW METERS	8698649	
JEANS-NICK TECHTER	168.25	01670100-53324	UNIFORMS	0002649	
JEANS-PATRICK TUNNEY	188.25	01670100-53324	UNIFORMS	6279405	
MISC STORM OP'S	331.42	01670600-53317	OPERATING SUPPLIES	0128254	

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on MAY 16,2022**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
MISC SUPPLIES	37.83	01670400-53317	OPERATING SUPPLIES	5890632	
O-RING KIT	39.49	04201600-53317	OPERATING SUPPLIES	4862670	
OFFICE SUPPLIES	12.99	01610100-53317	OPERATING SUPPLIES	5345805	
OFFICE SUPPLIES	30.76	01610100-53317	OPERATING SUPPLIES	5732201	
OFFICE SUPPLIES	51.47	01610100-53317	OPERATING SUPPLIES	5691409	
OFFICE SUPPLIES	56.94	01610100-53317	OPERATING SUPPLIES	7406650	
PAPER TOWELS	143.97	01662700-53317	OPERATING SUPPLIES	0511426	
PICTURE FRAMES FOR MAYORS	179.76	01520000-53314	OFFICE SUPPLIES	3613831	
REPKIT	32.97	01696200-53317	OPERATING SUPPLIES	5330630	
SHREDDER OIL	26.28	01662600-53314	OFFICE SUPPLIES	2115442	
SMALL TOOLS	53.95	01670500-53316	TOOLS	7863466	
SMALL TOOLS	153.89	01670500-53316	TOOLS	2884216	
SPRING TOOL	56.45	01696200-53316	TOOLS	7217022	
TC-DECOYS	103.96	01670400-53317	OPERATING SUPPLIES	2342657	
TOOLS	59.50	01670500-53316	TOOLS	5664231	
USB NETWORK ADAPTER	32.00	01652800-53317	OPERATING SUPPLIES	6974609	
WATER FILTERS VILLAGE HALL	341.13	01680000-53319	MAINTENANCE SUPPLIES	4580212	
WINCH FOR PD	88.02	01664700-53325	COMMUNITY RELATIONS	5406616	
	4,715.48				
AMER PLANNING ASSN					
APA TRAINING-BASTIAN 04/30-05/03/22	785.00	01640100-52223	TRAINING	3284530	
	785.00				
AMERAPRODUCTS INC					
PLASTIC FIRE EXT CABINET	204.51	01670400-53317	OPERATING SUPPLIES	193832	
	204.51				
AMERICAN PUBLIC WORKS ASSOCIATION					
CERT WORKSHOP-A OLSEN 04/04/22	150.00	01696200-52223	TRAINING	257954	
TRAINING-JASON PAULING	300.00	01670100-52223	TRAINING	797254	
	450.00				

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on MAY 16,2022**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
ANARCHY OUTDOORS					
UNIFORM-SWAT GEAR, MCINTYRE	674.92	01660100-53324	UNIFORMS	82622	
	<u>674.92</u>				
ANDREW ZAKERSKI					
CLOTH ALLOW-ZAKERSKI 04/29/22, DICKS SPORT	55.00	01660100-53324	UNIFORMS	DICKS SPORT 04/29/22	
CLOTH ALLOW-ZAKERSKI 04/29/22, DULUTH	107.87	01660100-53324	UNIFORMS	DULUTH 04/29/22	
	<u>162.87</u>				
ARAMARK UNIFORM & CAREER APPAREL GROUP INC					
FIRST AID SUPPLIES	185.15	01590000-53317	OPERATING SUPPLIES	ORD4-009015	
	<u>185.15</u>				
ARMBRUST PLUMBING & HEATING INC					
SEWER RODDING VH BASEMENT	495.00	01680000-52244	MAINTENANCE & REPAIR	34910227	
	<u>495.00</u>				
ARROW ROAD CONSTRUCTION COMPANY					
FLEX PAVEMENT-ROAD RESURFACE PO-462673 P	-59,518.29	11-21449	RETAINAGE ARROW ROAD CONST	62822-1	
FLEX PAVEMENT-ROAD RESURFACE PO-462673 P	595,182.89	11740000-55486	ROADWAY CAPITAL IMPROVEMENT	62822-1	
	<u>535,664.60</u>				
ASSOCIATION OF POLICE SOCIAL WORKERS					
REFUND FOR 3RD SW PAYMENT	-25.00	01660100-52234	DUES & SUBSCRIPTIONS	REFUND1	
	<u>-25.00</u>				
ATOMIC TRANSMISSIONS					
TRANSMISSION REBUILD	3,525.00	01696200-53353	OUTSOURCING SERVICES	132055	
	<u>3,525.00</u>				
AUTO SHOWCASE CAR CARE CENTER					
VEHICLE DETAIL #657	100.00	01662700-52244	MAINTENANCE & REPAIR	00003	
	<u>100.00</u>				

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on MAY 16,2022**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
AXON ENTERPRISE INC					
TASER 7 CERTIFICATION	16,560.00	01662700-53323	WEAPONS	INUS042282	
	<u>16,560.00</u>				
B & F CONSTRUCTION CODE SERVICES, INC					
FIRE SPRINKLER REV-550 CENTER AVE, 22-3212-F	375.00	01643700-52253	CONSULTANT	58969	
FIRE ALARM REV-430 KIMBERLY, 22-3073-FIRE	200.00	01643700-52253	CONSULTANT	58266	
PLUBING INSPECTION-MAR 2022	1,201.84	01643700-52253	CONSULTANT	15869	
	<u>1,776.84</u>				
BATTERYJUNCTION.COM					
BATTERIES	140.00	01662700-53317	OPERATING SUPPLIES	W-1652012	
	<u>140.00</u>				
BLOOMING COLOR OF ST CHARLES					
PERMIT ENVELOPES	359.04	01643700-53317	OPERATING SUPPLIES	279386	
	<u>359.04</u>				
BRACING SYSTEMS					
WOOD STAKES	22.00	04201600-53317	OPERATING SUPPLIES	402719-1	
	<u>22.00</u>				
C S CHAMBER OF COMMERCE					
STATE OF MILTON TOWNSHIP	35.00	01590000-52222	MEETINGS	44920	
	<u>35.00</u>				
CANON FINANCIAL SERVICES INC					
ADMIN-COPIER LEASE 04/01-04/30/22	1,036.10	01652800-52226	OFFICE EQUIPMENT MAINTENAN	CANON-APR 2022	
	<u>1,036.10</u>				

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on MAY 16,2022**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
CARQUEST AUTO PARTS					
AP AIR FILTER	7.13	01696200-53354	PARTS PURCHASED	2420-523601	
AP BELT	24.44	01696200-53354	PARTS PURCHASED	2420-523430	
AP BRAKES	150.77	01696200-53354	PARTS PURCHASED	2420-523312	
AP BRAKES	151.42	01696200-53354	PARTS PURCHASED	2420-522931	
AP BULB	32.18	01696200-53354	PARTS PURCHASED	2420-524102	
AP CLAMP	7.56	01696200-53354	PARTS PURCHASED	2420-522709	
AP FILTER	3.84	01696200-53354	PARTS PURCHASED	2420-523418	
AP FILTER	3.84	01696200-53354	PARTS PURCHASED	2420-523939	
AP FILTER	3.84	01696200-53354	PARTS PURCHASED	2420-523951	
AP FILTER	3.84	01696200-53354	PARTS PURCHASED	2420-524110	
AP FILTER	4.89	01696200-53354	PARTS PURCHASED	2420-522727	
AP FILTER	9.79	01696200-53354	PARTS PURCHASED	2420-522837	
AP FILTER	11.16	01696200-53354	PARTS PURCHASED	2420-523465	
AP FILTER	20.99	01696200-53354	PARTS PURCHASED	2420-522733	
AP FILTERS	12.57	01696200-53354	PARTS PURCHASED	2420-523565	
AP FILTERS	14.51	01696200-53354	PARTS PURCHASED	2420-522419	
AP FILTERS	49.32	01696200-53354	PARTS PURCHASED	2420-524105	
AP FITTINGS	112.00	01696200-53354	PARTS PURCHASED	2420-523361	
AP GASKET	16.33	01696200-53354	PARTS PURCHASED	2420-523494	
AP HEADLIGHT BULB	24.90	01696200-53354	PARTS PURCHASED	2420-524037	
AP HEADLIGHT BULB	34.69	01696200-53354	PARTS PURCHASED	2420-524040	
AP MOUNTS	126.39	01696200-53354	PARTS PURCHASED	2420-523461	
AP OIL FILTER	3.84	01696200-53354	PARTS PURCHASED	2420-522793	
AP OIL FILTER	7.81	01696200-53354	PARTS PURCHASED	2420-523622	
AP REFRIGERANT	331.19	01696200-53354	PARTS PURCHASED	2420-522483	
AP RETURN	-22.43	01696200-53354	PARTS PURCHASED	2420-523759	
AP SENSOR	37.12	01696200-53354	PARTS PURCHASED	2420-523457	
AP STRAPS	7.03	01696200-53354	PARTS PURCHASED	2420-524112	
AP TIE ROD	65.33	01696200-53354	PARTS PURCHASED	2420-523420	
AP WHEEL NUT	29.60	01696200-53354	PARTS PURCHASED	2420-524120	

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on MAY 16,2022**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
AP WHEEL STUD	26.07	01696200-53354	PARTS PURCHASED	2420-524121	
AP WIPER BLADES	24.76	01696200-53354	PARTS PURCHASED	2420-522798	
BEAD LUBE, SEALER	18.93	01696200-53317	OPERATING SUPPLIES	2420-523950	
CLIP PD RECORDS LOCKER	4.99	01680000-53319	MAINTENANCE SUPPLIES	2420-521696	
MR AIR BRAKE TUBING	1.02	01696200-53354	PARTS PURCHASED	2420-521804	
MR BATTERY	30.76	01696200-53354	PARTS PURCHASED	2420-522097	
MR BELT	8.77	01696200-53354	PARTS PURCHASED	2420-521462	
MR BELT	66.81	01696200-53354	PARTS PURCHASED	2420-522158	
MR BULB SOCKET	6.99	01696200-53354	PARTS PURCHASED	2420-521677	
MR FILTER	3.84	01696200-53354	PARTS PURCHASED	2420-522199	
MR FILTER	4.89	01696200-53354	PARTS PURCHASED	2420-522235	
MR FILTER	7.69	01696200-53354	PARTS PURCHASED	2420-521622	
MR FILTER	7.69	01696200-53354	PARTS PURCHASED	2420-522229	
MR FILTER	7.91	01696200-53354	PARTS PURCHASED	2420-521481	
MR FILTER	8.73	01696200-53354	PARTS PURCHASED	2420-521575	
MR FILTER	22.72	01696200-53354	PARTS PURCHASED	2420-522295	
MR FILTER	33.59	01696200-53354	PARTS PURCHASED	2420-522113	
MR FILTER	72.06	01696200-53354	PARTS PURCHASED	2420-522206	
MR HOSE CLAMPS	7.70	01696200-53354	PARTS PURCHASED	2420-522089	
MR REFRIGERANT	598.99	01696200-53354	PARTS PURCHASED	2420-521700	
MR RETURN	-10.00	01696200-53354	PARTS PURCHASED	2420-522381	
MR SWAY BAR BUSHING	16.64	01696200-53354	PARTS PURCHASED	2420-521781	
MR SWAY BAR LINK	84.64	01696200-53354	PARTS PURCHASED	2420-521691	
MR TRANS FILTER	12.10	01696200-53354	PARTS PURCHASED	2420-522221	
MR TRANS FILTER	27.99	01696200-53354	PARTS PURCHASED	2420-522209	
PARTS FOR PD	108.41	01664700-53325	COMMUNITY RELATIONS	2420-522222	
TRAILER-JACK	51.29	01664700-53325	COMMUNITY RELATIONS	2420-521716	
VULCANIZING CEMENT	8.91	01696200-53317	OPERATING SUPPLIES	2420-523949	
	2,550.78				

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on MAY 16,2022**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
CDW GOVERNMENT LLC, CDW GOVERNMENT,CDWG					
BLU-RAY DRIVES	395.88	01662700-53317	OPERATING SUPPLIES	1C7D39B	
	<u>395.88</u>				
CENTRAL PARTS WAREHOUSE					
MR TAX CREDIT	-27.48	01696200-53354	PARTS PURCHASED	671209RET	
	<u>-27.48</u>				
CHAD PASKEVICZ					
CLOTH ALLOW-PASKEVICZ 04/12/22, UNDER ARM	75.00	01660100-53324	UNIFORMS	UNDER ARM 04/12/22	
	<u>75.00</u>				
CHARLES COPLEY ROOFING CO INC					
NORTH BARN REPAIRS	800.00	01670400-52244	MAINTENANCE & REPAIR	10414	
	<u>800.00</u>				
CHICAGO TRIBUNE-REDEYE					
DIGITAL ACCESS 03/26-04/22/22	27.72	01590000-52234	DUES & SUBSCRIPTIONS	0408-3403 03/25/22	
	<u>27.72</u>				
CHRISTOPHER B BURKE ENGR LTD					
TC-FOUNTAIN SVC 03/27-04/30/22	10,410.00	11740000-55487	FACILITY CAPITAL IMPROVEMENT 174563		
	<u>10,410.00</u>				
CITY ELECTRIC SUPPLY					
TC PARKING LOG-LIGHT FIXTURES PO-3961	48,505.20	11740000-55487	FACILITY CAPITAL IMPROVEMENT GUR/120743		20230009
	<u>48,505.20</u>				
CLARK BAIRD SMITH LLP					
LABOR COUNSEL-APR 2022	787.50	01570000-52238	LEGAL FEES	15385	
	<u>787.50</u>				

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on MAY 16,2022**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
COLLEGE OF DUPAGE					
CLASS-BOSHART, CELL PHONE 08/16-08/17/21	225.00	01660100-52223	TRAINING	HSTI-0005-001 BOSHAR	
CLASS-LOPEZ, CELL PHONE 03/28-03/30/22	225.00	01660100-52223	TRAINING	HSTI-0005-008 LOPEZ	
	450.00				
COMCAST CABLE					
COMMUNICATION SVC 03/15-04/14/22	4,368.72	01652800-52230	TELEPHONE	142609909	
ELEVATOR PHONES 03/20-04/19/22	90.66	01652800-52230	TELEPHONE	0010112 03/16/22	
MTHLY FEE 03/20-04/19/22	93.00	01664700-53330	INVESTIGATION FUND	0483228 03/16/22	
	4,552.38				
COMED					
MORTON, LIES 03/24-04/22/22	91.14	01670300-53213	STREET LIGHT ELECTRICITY	0815164035 04/27/22	
	91.14				
CONRAD POLYGRAPH, INC					
POLYGRAPH-6 CANDIDATES	800.00	01510000-52228	PERSONNEL HIRING	4957	
	800.00				
CONSTELLATION NEW ENERGY					
106 GOLDENHILL 03/24-04/22/22, 62298137801	22.81	01670600-53210	ELECTRICITY	7280332-24 04/25/22	
	22.81				
CORE & MAIN LP					
MANHOLE COVER HOOK	65.00	01620100-53350	SMALL EQUIPMENT EXPENSE	0623031	
1.5" METER	1,304.85	04201400-53333	NEW METERS	Q732415	
1.5" METER-RED HAWK	1,288.38	04201400-53333	NEW METERS	Q706483	
ANCH CPLG, BOLTS	202.00	04201600-53317	OPERATING SUPPLIES	Q737533	
SADDLE BOXES	138.00	04201600-53317	OPERATING SUPPLIES	Q760799	
	2,998.23				

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on MAY 16,2022**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
CREATIVE PRODUCT SOURCING INC - DARE					
DARE CERTIFICATES	125.40	01664700-53325	COMMUNITY RELATIONS	142557	
DARE SUPPLIES	685.68	01664700-53325	COMMUNITY RELATIONS	144827	
	811.08				
CYBERSOURCE CORP					
CYBER SOURCE FEE-APR 2022	12.54	04103100-52221	UTILITY BILL PROCESSING	CYBER SRC 04/30/22	
CYBER SOURCE FEE-APR 2022	12.54	04203100-52221	UTILITY BILL PROCESSING	CYBER SRC 04/30/22	
CYBER SOURCE FEE-APR 2022	75.24	01610100-52256	BANKING SERVICES	CYBER SRC 04/30/22	
AUTHNET CC FEES-MAY 2022	30.00	01610100-52256	BANKING SERVICES	AUTHNET 05/31/22	
	130.32				
DAHME MECHANICAL INDUSTRIES					
HEATER REPAIR	385.00	01670400-52244	MAINTENANCE & REPAIR	421016	
HVAC REPAIR	666.72	01670400-52244	MAINTENANCE & REPAIR	278219	
	1,051.72				
DARREN BOSHART					
CLOTH ALLOW-BOSHART 04/27/22, BURLINGTON	65.75	01660100-53324	UNIFORMS	BURLINGTON 04/27/22	
	65.75				
DEFENSE TECHNOLOGY					
LETHAL ICP INSTRUCTOR-6 PEOPLE 08/24/22	1,650.00	01660100-52223	TRAINING	90979	
	1,650.00				
DOCUMENT IMAGING DIMENSIONS, INC					
REPLACEMENT SOU PRINTER	310.00	01652800-54412	OTHER EQUIPMENT	2393	
TONER FOR FINANCE	109.00	01652800-52226	OFFICE EQUIPMENT MAINTENANC	2431	
TONER FOR PD	119.00	01652800-52226	OFFICE EQUIPMENT MAINTENANC	2392	
	538.00				

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on MAY 16,2022**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
DON BASTIAN					
FLIGHT-MDW, SAN, MDW 04/28, 05/03/22	446.96	01640100-52223	TRAINING	3R4A4E	
	<u>446.96</u>				
DU COMM					
DISPATCH SVC 05/01-07/31/22	207,200.75	01662700-52245	GENERAL COMMUNICATIONS	17986	
FACILITY COST 05/01-07/31/22	9,674.33	01662700-52245	GENERAL COMMUNICATIONS	18030	
	<u>216,875.08</u>				
DUPAGE CHRYSLER DODGE JEEP					
AP AXLE SEAL	19.37	01696200-53354	PARTS PURCHASED	90400	
AP CAMSHAFT	506.73	01696200-53354	PARTS PURCHASED	90383	
AP MOLDING	148.61	01696200-53354	PARTS PURCHASED	90223	
AP PIGTAIL	34.73	01696200-53354	PARTS PURCHASED	90403	
AP SEALS	19.37	01696200-53354	PARTS PURCHASED	90382	
AP SOLENOID	401.87	01696200-53354	PARTS PURCHASED	90375	
MR CONDENSER	257.95	01696200-53354	PARTS PURCHASED	89987	
MR FUEL DOOR	48.82	01696200-53354	PARTS PURCHASED	89988	
MR HOSE	46.01	01696200-53354	PARTS PURCHASED	89991	
MR HOSE	87.08	01696200-53354	PARTS PURCHASED	90059	
MR MODULE	123.97	01696200-53354	PARTS PURCHASED	90152	
MR RETAINER	15.00	01696200-53354	PARTS PURCHASED	90018	
MR SEAT BELT	275.66	01696200-53354	PARTS PURCHASED	89931	
MR SEAT COVER	585.97	01696200-53354	PARTS PURCHASED	90004	
MR SOLENOID	38.35	01696200-53354	PARTS PURCHASED	90150	
MR SWAY BAR	375.76	01696200-53354	PARTS PURCHASED	89986	
MR SWITCH	171.71	01696200-53354	PARTS PURCHASED	90146	
MR TRANS FLUID	184.82	01696200-53354	PARTS PURCHASED	90096	
	<u>3,341.78</u>				

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on MAY 16,2022**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
DUPAGE COUNTY DIVISION OF TRANSPORTATION					
PERMIT-JUL 2 ROAD CLOSURE	51.13	01750000-52291	MISC EVENTS/ACTIVITIES	20001806	
	<u>51.13</u>				
DUPAGE WATER COMMISSION					
WATER PURCHASE-MAR 2022	427,310.66	04201600-52283	DUPAGE CTY WATER COMMISSION	02/28/22-03/31/22	
	<u>427,310.66</u>				
ENGINEERING RESOURCE ASSOCIATES INC					
KLEIN CR-STREAMBANK SECTION I 03/31/22 PO-	7,987.40	11740000-55488	STORMWATER UTILITIES	160914A0.13	
PHASE II ENGINEERING-MAR 2022 PO-462654	6,803.56	11740000-55488	STORMWATER UTILITIES	160914B0.08	
	<u>14,790.96</u>				
ENVIROMENTAL PRODUCTS & ACCESS., LLC					
TIGER TAILS	93.93	04101500-53317	OPERATING SUPPLIES	11177	
	<u>93.93</u>				
EXAMINER PUBLICATIONS INC					
PUBLIC NOTICE 04/06/22	187.50	01530000-52240	PUBLIC NOTICES/INFORMATION	56486	
	<u>187.50</u>				
FASTENAL INDUSTRIAL & CONSTRUCTION SUPPL					
AP WASHERS	35.90	01696200-53354	PARTS PURCHASED	ILADD106998	
	<u>35.90</u>				
FIRESTONE COMPLETE AUTO CARE					
AP TIRES	421.40	01696200-53354	PARTS PURCHASED	086539	
	<u>421.40</u>				
FRESH & SILK FLOWERS					
FLOWERS-SGT HUBERT WATKINS	96.35	01660100-53317	OPERATING SUPPLIES	035079	
	<u>96.35</u>				

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on MAY 16,2022**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
GALLS LLC					
UNIFORM-CUMMINGS	152.16	01660100-53324	UNIFORMS	020811302	
UNIFORM-EAGAN	350.16	01660100-53324	UNIFORMS	020675308	
UNIFORM-KOTNAUR	52.84	01660100-53324	UNIFORMS	020752415	
	555.16				
GARVEY'S OFFICE SUPPLIES					
CREDIT MEMO	-59.97	01662600-53314	OFFICE SUPPLIES	CM1954870	
OFFICE SUPPLIES	39.96	01662600-53314	OFFICE SUPPLIES	PINV2238022	
OFFICE SUPPLIES	75.54	01662600-53314	OFFICE SUPPLIES	PINV2235787	
OFFICE SUPPLIES	91.07	01662600-53314	OFFICE SUPPLIES	PINV2243131	
OFFICE SUPPLIES	289.68	01662600-53314	OFFICE SUPPLIES	PINV2237749	
OFFICE SUPPLIES	425.37	01662600-53314	OFFICE SUPPLIES	PINV2241545	
OFFICE SUPPLIES	859.89	01662600-53314	OFFICE SUPPLIES	PINV2234588	
	1,721.54				
GAS PURCHASES-MASTERCARD					
FUEL CHARGES 03/21/22	30.00	01662700-53313	AUTO GAS & OIL	564210	
	30.00				
GLENDALE NISSAN					
AP VISOR	171.70	01696200-53354	PARTS PURCHASED	163144	
	171.70				
GMIS INTERNATIONAL					
GMIS DUES 07/01/22-06/30/23	300.00	01652800-52234	DUES & SUBSCRIPTIONS	300007273	
	300.00				
GO DADDY					
SSL RENEWALS	189.98	01652800-52255	SOFTWARE MAINTENANCE	2076386111	
	189.98				

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on MAY 16,2022**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
GOLF & BUSSE TOWING					
TOWING	125.00	01696200-53353	OUTSOURCING SERVICES	81429	
	125.00				
GOVTEMPSUSA LLC					
ACCOUNTS CLERK-R ARGUILLES 04/24, 05/01/22	1,354.31	04103100-52253	CONSULTANT	3955044	
ACCOUNTS CLERK-R ARGUILLES 04/24, 05/01/22	1,354.32	04203100-52253	CONSULTANT	3955044	
LIBRARY TECH-N BOYD 02/27, 03/06/22 PO-1925	3,773.60	01652800-52253	CONSULTANT	3920626	
LIBRARY TECH-N BOYD 04/24, 05/01/22 PO-1925	3,773.60	01652800-52253	CONSULTANT	3855045	
OFFICE MANAGER-D KALKE 04/24, 05/01/22	3,364.80	01590000-52253	CONSULTANT	3955043	
	13,620.63				
GRAINGER					
AP FITTINGS	82.36	01696200-53354	PARTS PURCHASED	9285050531	
OIL ALARM	295.41	01696200-52244	MAINTENANCE & REPAIR	9251896602	
RETAINER	9.25	01696200-53317	OPERATING SUPPLIES	9256022774	
TRASH BAGS	60.48	01670400-53317	OPERATING SUPPLIES	9251671203	
WASHERS, SCREWS	22.80	01696200-53317	OPERATING SUPPLIES	9271398696	
	470.30				
GRANITE TELECOMMUNICATIONS					
TELCO SVC 05/01-05/31/22	962.56	01652800-52230	TELEPHONE	561509513	
	962.56				
HBK WATER METER SERVICE INC					
METER TESTING 04/29/22 PO-3951	1,740.00	04201400-52282	METER MAINTENANCE	220234	
	1,740.00				
HENDERSON PRODUCTS INC					
AP BRACKETS	108.82	01696200-53354	PARTS PURCHASED	356059	
SPRAYERS	463.32	01670200-53317	OPERATING SUPPLIES	350589	
	572.14				

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on MAY 16,2022**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
HOME DEPOT					
DRILL BIT PD BATHROOM	27.94	01680000-53319	MAINTENANCE SUPPLIES	6013046	
DRILL BITS, LAG SCREWS	29.06	01680000-53319	MAINTENANCE SUPPLIES	3351730	
FRAMES-CONCRETE	136.55	01670500-53317	OPERATING SUPPLIES	6291211	
HARDWARE EXHAUST FAN MOUNT	78.25	01660100-53317	OPERATING SUPPLIES	3013352	
HEATER	34.97	01696200-53350	SMALL EQUIPMENT EXPENSE	3611328	
ICS HOSE FOR WATER	42.98	04201600-53316	TOOLS	6512726	
LAUNDRY SOAP	28.94	04200100-53314	OFFICE SUPPLIES	5610042	
MATERIALS FOR CS SIGNS	22.51	04101500-53317	OPERATING SUPPLIES	2022124	
METAL FOR PD	102.84	01664700-53325	COMMUNITY RELATIONS	6021558	
MISC TAPE	43.92	01670300-53215	STREET LIGHT SUPPLIES	4013254	
PD COMPUTER RM FAN	31.92	01660100-53317	OPERATING SUPPLIES	8021412	
RAKE, PUSHBROOM	279.80	01670500-53316	TOOLS	2524976	
RENTAL-MINI EXCAVATOR	300.00	01670300-52264	EQUIPMENT RENTAL	229581	
RENTAL-MINI EXCAVATOR 03/23-03/24/22	66.85	01670300-52264	EQUIPMENT RENTAL	229581-1	
RETURN	-5.63	04201600-53317	OPERATING SUPPLIES	2213877	
SHOPVAC DUST FILTER	-19.97	01680000-53319	MAINTENANCE SUPPLIES	3203739	
STAINLESS SCREWS	5.63	04201600-53317	OPERATING SUPPLIES	3014475	
TOOL KIT, BIT	74.44	04201600-53316	TOOLS	WP31766241	
TOOLS, SEALANT, TAPE	28.41	04201600-53316	TOOLS	2343242	
UPM	87.76	01670500-53317	OPERATING SUPPLIES	9014792	
WASHERS	24.86	01670500-53317	OPERATING SUPPLIES	9514609	
	1,422.03				
HOTELS-MASTERCARD					
HOTEL-CAREY, ILCMA 06/08-06/10/22, ABBEY RE	191.29	01590000-52223	TRAINING	11P16V	
HOTEL-J PAULING, SNOW CONF 04/09-04/13/22	816.24	01670200-52223	TRAINING	1000297884	
HOTEL-MESSINO, 02/02-02/04/22, ILCMA CONF	318.08	01590000-52223	TRAINING	91529959	
	1,325.61				

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on MAY 16,2022**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
I A M M A					
IAMMA TRAINING-MESSINO 04/29/22	75.00	01590000-52223	TRAINING	3235661449	
	<u>75.00</u>				
IDEALSTAGE PROMOTIONS					
COMMUNITY EVENTS	944.00	01664700-53325	COMMUNITY RELATIONS	205740	
	<u>944.00</u>				
ILLINOIS ASSN OF CHIEFS OF POLICE					
CONF-IACP, 4 PEOPLE 08/21-08/23/22	2,300.00	01660100-52223	TRAINING	IACP-2022	
CONF-IACP, STAFIEJ 08/21-08/23/22	350.00	01660100-52223	TRAINING	IACP-2022 STAFIEJ	
CONFERENCE 04/27-04/29/22	299.00	01660100-52223	TRAINING	10590	
	<u>2,949.00</u>				
ILLINOIS CITY /COUNTY MANANGEMENT ASSN					
ILCMA EVENT 4/21/22	75.00	01590000-52223	TRAINING	86917	
	<u>75.00</u>				
ILLINOIS PHLEBOTOMY SERVICES LLC					
CSPC2200001	125.00	01662700-53317	OPERATING SUPPLIES	1553	
	<u>125.00</u>				
ILLINOIS SECRETARY OF STATE					
LICENSE PLATE RENEWAL #681	154.40	01662700-52244	MAINTENANCE & REPAIR	862295 03/28/22	
LICENSE PLATE RENEWAL #687	154.40	01662700-52244	MAINTENANCE & REPAIR	PLATE RENEW #687	
	<u>308.80</u>				
ILLINOIS STATE POLICE/DIRECTOR					
COURT ORDERED PAYMENT	700.00	01-24238	IL STATE POLICE ASSET FORFEIT	22MX149/CSPC2200298	
	<u>700.00</u>				
ILLINOIS TACTICAL OFFICERS ASSN					
CLASS-PLACKETT 06/27-06/29/22, MACTAC	435.00	01660100-52223	TRAINING	02074	
	<u>435.00</u>				

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on MAY 16,2022**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
IMPERIAL SURVEILLANCE					
DVR MAINTENANCE-DEPOSIT	840.00	01652800-52253	CONSULTANT	RET-138970	
REPLACEMENT POWER SUPPLY	469.48	01652800-54413	COMPUTER EQUIPMENT	RET-138974	
	<u>1,309.48</u>				
INDEED, INC					
JOB POSTING-PW, MAR 2022	379.66	01600000-52228	PERSONNEL HIRING	59300843	
	<u>379.66</u>				

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on MAY 16,2022**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
INTERGOVERNMENTAL PERSONNEL BENEFIT COOPERATIVE					
MAY 2022 INSURANCE	811.51	01670500-51111	GROUP INSURANCE	05022022	
MAY 2022 INSURANCE	1,081.98	01670300-51111	GROUP INSURANCE	05022022	
MAY 2022 INSURANCE	1,262.37	04100100-51111	GROUP INSURANCE	05022022	
MAY 2022 INSURANCE	1,352.51	01670200-51111	GROUP INSURANCE	05022022	
MAY 2022 INSURANCE	1,352.51	01670700-51111	GROUP INSURANCE	05022022	
MAY 2022 INSURANCE	1,803.31	04101500-51111	GROUP INSURANCE	05022022	
MAY 2022 INSURANCE	1,803.31	04201400-51111	GROUP INSURANCE	05022022	
MAY 2022 INSURANCE	1,893.50	01670600-51111	GROUP INSURANCE	05022022	
MAY 2022 INSURANCE	2,183.26	01680000-51111	GROUP INSURANCE	05022022	
MAY 2022 INSURANCE	2,400.91	01662500-51111	GROUP INSURANCE	05022022	
MAY 2022 INSURANCE	2,583.41	01640100-51111	GROUP INSURANCE	05022022	
MAY 2022 INSURANCE	3,054.82	04103100-51111	GROUP INSURANCE	05022022	
MAY 2022 INSURANCE	3,054.82	04203100-51111	GROUP INSURANCE	05022022	
MAY 2022 INSURANCE	3,088.70	01652800-51111	GROUP INSURANCE	05022022	
MAY 2022 INSURANCE	3,212.83	01590000-51111	GROUP INSURANCE	05022022	
MAY 2022 INSURANCE	5,166.82	01643700-51111	GROUP INSURANCE	05022022	
MAY 2022 INSURANCE	5,680.50	01670400-51111	GROUP INSURANCE	05022022	
MAY 2022 INSURANCE	6,311.68	04200100-51111	GROUP INSURANCE	05022022	
MAY 2022 INSURANCE	6,720.67	01662600-51111	GROUP INSURANCE	05022022	
MAY 2022 INSURANCE	6,762.43	01696200-51111	GROUP INSURANCE	05022022	
MAY 2022 INSURANCE	6,852.67	04201600-51111	GROUP INSURANCE	05022022	
MAY 2022 INSURANCE	7,761.04	01610100-51111	GROUP INSURANCE	05022022	
MAY 2022 INSURANCE	8,114.99	01670100-51111	GROUP INSURANCE	05022022	
MAY 2022 INSURANCE	8,303.70	01620100-51111	GROUP INSURANCE	05022022	
MAY 2022 INSURANCE	9,333.27	01662300-51111	GROUP INSURANCE	05022022	
MAY 2022 INSURANCE	10,916.30	01662400-51111	GROUP INSURANCE	05022022	
MAY 2022 INSURANCE	14,558.47	01664700-51111	GROUP INSURANCE	05022022	
MAY 2022 INSURANCE	33,022.46	01660100-51111	GROUP INSURANCE	05022022	
MAY 2022 INSURANCE	42,343.44	01600000-51111	GROUP INSURANCE	05022022	
MAY 2022 INSURANCE	65,103.74	01662700-51111	GROUP INSURANCE	05022022	

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on MAY 16,2022**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
	<u>267,891.93</u>				
INTERNET PURCHASE MASTERCARD					
CERT RENEWAL-FORENSIC EXAMINER	442.31	03395000-52223	TRAINING	10853060	
CLASS-BORNEMANN 06/06/22, GUN GAME	249.00	01660100-52223	TRAINING	80632-900-1-5233	
AD-2006 DODGE VAN	5.00	01662400-53317	OPERATING SUPPLIES	7473745221	
CLOTH ALLOW-GREY 03/31/22 TWILLORY	141.95	01660100-53324	UNIFORMS	TWILLORY 03/31/22	
CLOTH ALLOW-GREY 04/06/22	300.95	01660100-53324	UNIFORMS	TWILLORY 04/06/22	
MECHANIC TRAINING 03/28-04/27/22	269.85	01696200-52223	TRAINING	1279634	
MR GRINDER TOOTH	51.62	01696200-53354	PARTS PURCHASED	1816	
SCAN TOOL SUBSCRIPTION	50.00	01696200-52255	SOFTWARE MAINTENANCE	3VD5P3H2	
	<u>1,510.68</u>				
IT GLUE					
IT DOCUMENTATION SOFTWARE	114.00	01652800-52255	SOFTWARE MAINTENANCE	309050589	
	<u>114.00</u>				
J G UNIFORMS INC					
UNIFORM-ANDREJEVIC	232.00	01660100-53324	UNIFORMS	96413	
UNIFORM-BABOR, DOUBLE PAYMENT	10.00	01660100-53324	UNIFORMS	95575-D	
UNIFORM-BEYER	222.00	01660100-53324	UNIFORMS	96786	
UNIFORM-BOTH	181.50	01660100-53324	UNIFORMS	96062	
UNIFORM-EAGAN	228.00	01660100-53324	UNIFORMS	96355	
	<u>873.50</u>				
JOE COTTON FORD					
AP FILTERS	16.32	01696200-53354	PARTS PURCHASED	11285	
AP SEAL	14.66	01696200-53354	PARTS PURCHASED	11284	
	<u>30.98</u>				

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on MAY 16,2022**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
KLEIN, THORPE & JENKINS, LTD					
GENERAL COUNSEL-MAR 2022	64.50	22490000-52238	LEGAL FEES	225610	
GENERAL COUNSEL-MAR 2022	150.50	04100100-52238	LEGAL FEES	225610	
GENERAL COUNSEL-MAR 2022	1,032.00	11740000-52238	LEGAL FEES	225610	
GENERAL COUNSEL-MAR 2022	9,271.12	01570000-52238	LEGAL FEES	225610	
	10,518.12				
KOHL'S					
JEANS, SHORTS-JAIME FARIAS	144.96	04100100-53324	UNIFORMS	035893	
JEANS-RANDY GUENTHER	144.95	04100100-53324	UNIFORMS	031755	
	289.91				
KONICA MINOLTA BUSINESS SOLUTIONS					
COPIER-PD 01/20-02/19/22	45.22	01662500-52226	OFFICE EQUIPMENT MAINTENAN	09008397964	
COPIER-PD 02/20-03/19/22	26.81	01662500-52226	OFFICE EQUIPMENT MAINTENAN	09008466135	
	72.03				
KOUNTRY PET RESORT					
BOARDING-K-9 CODA 03/25-04/01/22	414.60	03395000-52315	CANINE SERVICES	553648	
	414.60				
LABOR RELATIONS INFORMATION SYSTEM					
PERIODICAL	150.00	01660100-52234	DUES & SUBSCRIPTIONS	624CC70AD8C8C	
	150.00				
LAN ELECTRIC, INC					
PD-GARAGE ELECTRICAL	2,160.00	01664700-53317	OPERATING SUPPLIES	10-22	
	2,160.00				
LANDSCAPE MATERIAL & FIREWOOD SALES INC					
GRASS SEED	422.00	01670400-53317	OPERATING SUPPLIES	001988	
	422.00				

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on MAY 16,2022**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
LANGUAGE LINE SERVICES					
MR TRANSLATIONS	47.85	01662700-53317	OPERATING SUPPLIES	10497367	
	<u>47.85</u>				
LEXISNEXIS					
MTHLY FEE-MAR 2022	221.84	01662400-53330	INVESTIGATION FUND	20220331	
	<u>221.84</u>				
LIVE VIEW GPS INC					
GPS TRACKER	300.00	01664700-53330	INVESTIGATION FUND	431692	
MTHLY FEE-APR 2022	125.70	01664700-53330	INVESTIGATION FUND	438063	
	<u>425.70</u>				
LOWE'S HOME CENTERS					
CONCRETE FORMS	57.46	01670500-53317	OPERATING SUPPLIES	88085145	
MAILBOX REP	5.16	01670200-53317	OPERATING SUPPLIES	7268732	
MISC OP'S SUPPLIES	209.94	01670400-53317	OPERATING SUPPLIES	88257044	
	<u>272.56</u>				
MARK E RADABAUGH					
TAPING, EDITING 05/02/22	100.00	01590000-52253	CONSULTANT	22-0202	
	<u>100.00</u>				
MBM CORPORATION					
OFFICE SUPPLIES	378.00	01662600-53314	OFFICE SUPPLIES	5G6TMTX17	
	<u>378.00</u>				

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on MAY 16,2022**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
MENARDS					
DECK BOARDS PD	293.72	01664700-53325	COMMUNITY RELATIONS	026925	
STEEL SHELVING DEFECT	-99.99	01652800-53317	OPERATING SUPPLIES	083441	
STEEL SHELVING FOR I.T.	141.92	01652800-53317	OPERATING SUPPLIES	006812	
STEEL SHELVING FOR I.T.	444.95	01652800-53317	OPERATING SUPPLIES	000164	
STEEL SHELVING FOR I.T.	600.00	01652800-53317	OPERATING SUPPLIES	000164	
	<u>1,380.60</u>				
METROPOLITAN EMER RESPONSE & INVESTIGATION TEAM					
MERIT DUES 2022-2023	6,500.00	01660100-52234	DUES & SUBSCRIPTIONS	MERIT 2022-2023	
	<u>6,500.00</u>				
MNJ TECHNOLOGIES DIRECT					
JUVENILE BOOKING LAPTOP	1,773.37	03395000-54413	COMPUTER EQUIPMENT	0003837266	
	<u>1,773.37</u>				
MORRISON ASSOCIATES, LTD					
STAFF ASSESSMENT-FINK 04/20/22	1,000.00	01670100-52223	TRAINING	2022:0546	
STAFF ASSESSMENT-FINK 04/20/22	1,000.00	04200100-52223	TRAINING	2022:0546	
	<u>2,000.00</u>				
MUNICIPAL MARKING DIST-MMD					
STAKES	204.12	01670600-53317	OPERATING SUPPLIES	33551	
	<u>204.12</u>				
NATHANIEL O WAGNER					
CONCERT SERIES-DISCO BIBLIOTHECA 05/21/22	500.00	01750000-52291	MISC EVENTS/ACTIVITIES	DISCO-BIB 2022	
	<u>500.00</u>				
NEENAH FOUNDRY COMPANY					
SANITARY FRAMES	350.00	04101500-53317	OPERATING SUPPLIES	451808	
	<u>350.00</u>				

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on MAY 16,2022**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
NIU OUTREACH					
ILCMA SUMMER CONF-CAREY 06/08-06/10/22	240.00	01590000-52223	TRAINING	678490	
WEBINAR-PHIL MODAFF 04/19/22	33.00	01670100-52223	TRAINING	678181	
WEBINARS-BRAD FINK 04/19/22, 06/14/22	66.00	01670100-52223	TRAINING	678191	
	339.00				
NMI					
CC GATEWAY FEES-APR 2022	107.40	04103100-52221	UTILITY BILL PROCESSING	280155831	
CC GATEWAY FEES-APR 2022	107.40	04203100-52221	UTILITY BILL PROCESSING	280155831	
	214.80				
NORTHWESTERN UNIVERSITY					
TRAINING-POPE 06/20-07/01/22	1,000.00	01660100-52223	TRAINING	062022-NAP.IL	
	1,000.00				
NOTARY PUBLIC ASSOCIATION OF IL					
NOTARY-PLUMB	59.00	01660100-52234	DUES & SUBSCRIPTIONS	28994	
NOTARY-POPE	74.00	01660100-52234	DUES & SUBSCRIPTIONS	29178	
	133.00				
O'REILLY AUTO PARTS					
AP SEALS	21.00	01696200-53354	PARTS PURCHASED	5514-279247	
AP YOKE	181.44	01696200-53354	PARTS PURCHASED	5514-279731	
MR SEAL	15.18	01696200-53354	PARTS PURCHASED	5514-277793	
	217.62				
OMI					
WRC-MONTHLY OPERATING, MAY-JUNE 2022	318,667.00	04101100-52262	WRC CONTRACT	351199-26-01	20230007
WRC CLARIFIER-ROOF REPAIR, PO-3954 PAY #4	18,216.61	04101100-54480	CONSTRUCTION	351199-R5-04	
	336,883.61				

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on MAY 16,2022**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
OUTDOOR HOME SERVICES HOLDINGS LLC					
WEED CTRL-TOWN CENTER 03/17/22 PO-3893	1,000.00	01670400-52272	PROPERTY MAINTENANCE	154036863	
WEED CTRL-VILLAGE HALL 03/17/22 PO-3893	89.00	01670400-52272	PROPERTY MAINTENANCE	153997157	
	<u>1,089.00</u>				
PADDOCK PUBLICATIONS INC					
LEGAL NOTICE 04/08/22	133.40	01520000-52240	PUBLIC NOTICES/INFORMATION	213399	
	<u>133.40</u>				
PESI SEMINARS					
TRAINING	299.99	01660100-52223	TRAINING	3479469	
	<u>299.99</u>				
PHILIP HECK					
CLOTH ALLOW-HECK 04/29/22, DICKS SPORTING	104.99	01660100-53324	UNIFORMS	DICKS SPORT 04/29/22	
CLOTH ALLOW-HECK 04/29/22, ROSS	73.30	01660100-53324	UNIFORMS	ROSS 04/29/22	
	<u>178.29</u>				
PLURALSIGHT					
ONLINE TRAINING-FY23	2,895.00	01652800-52223	TRAINING	INV10974854	
	<u>2,895.00</u>				
POMPS TIRE SERVICE					
AP TIRES	272.76	01696200-53354	PARTS PURCHASED	410947274	
MR TIRES	138.88	01696200-53354	PARTS PURCHASED	410942764	
MR TIRES	789.60	01696200-53354	PARTS PURCHASED	410941768	
MR TIRES	2,255.08	01696200-53354	PARTS PURCHASED	640097766	
	<u>3,456.32</u>				

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on MAY 16,2022**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
PRIORITY PRODUCTS INC					
22 1/2" NUTS	46.26	04201600-53317	OPERATING SUPPLIES	970163	
CREDIT-WRONG ITEM CHARGED	-61.55	04201600-53317	OPERATING SUPPLIES	970413	
SCREWS FOR PD	74.34	01664700-53325	COMMUNITY RELATIONS	974474	
SPIN LOCK NUTS	43.33	01696200-53317	OPERATING SUPPLIES	974043	
SS 1/2" NUTS	69.39	04201600-53317	OPERATING SUPPLIES	970163-001	
VARIOUS SUPPLIES	220.02	01696200-53317	OPERATING SUPPLIES	974164	
W/S BOLTS	220.58	04201600-53317	OPERATING SUPPLIES	973688	
	<u>612.37</u>				
PYROTECNICO FIREWORKS, INC					
FIREWORKS SHOW 07/02/22 PO-4601834	14,000.00	01750000-52291	MISC EVENTS/ACTIVITIES	25060	20230022
	<u>14,000.00</u>				

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on MAY 16,2022**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
RAY O'HERRON CO					
RETURN-TOURNIQUETS	-945.00	01660100-53324	UNIFORMS	2182651-CM	
UNIFORM-ANDREJEVIC	107.00	01660100-53324	UNIFORMS	2187601	
UNIFORM-BADGES	80.96	01660100-53324	UNIFORMS	2188233	
UNIFORM-CIESLOWSKI	65.99	01660100-53324	UNIFORMS	2181949	
UNIFORM-CLUEVER	221.99	01660100-53324	UNIFORMS	2186725	
UNIFORM-COOPER	4.99	01660100-53324	UNIFORMS	2186751	
UNIFORM-COOPER	247.44	01660100-53324	UNIFORMS	2186570	
UNIFORM-CREDIT, INV 2186570	-5.00	01660100-53324	UNIFORMS	2188501-CM	
UNIFORM-CUMMINGS	28.00	01660100-53324	UNIFORMS	2181937	
UNIFORM-CUMMINGS	204.50	01660100-53324	UNIFORMS	2183093	
UNIFORM-CUMMINGS	309.49	01660100-53324	UNIFORMS	2184578	
UNIFORM-DUMDIE	167.97	01660100-53324	UNIFORMS	2181945	
UNIFORM-DUMDIE REFUND	-16.47	01660100-53324	UNIFORMS	2183735-CM	
UNIFORM-GUN KIT	165.00	01662700-53350	SMALL EQUIPMENT EXPENSE	2186732	
UNIFORM-HOLMER	135.98	01660100-53324	UNIFORMS	2184579	
UNIFORM-INCROCCI	249.50	01660100-53324	UNIFORMS	2186752	
UNIFORM-JANETIS	95.00	01660100-53324	UNIFORMS	2182892	
UNIFORM-KAISER	114.99	01660100-53324	UNIFORMS	2183095	
UNIFORM-KALINOWICZ	955.34	01660100-53324	UNIFORMS	2184307	
UNIFORM-M. LOPEZ	249.95	01660100-53324	UNIFORMS	2184602	
UNIFORM-MABBITT	64.99	01660100-53324	UNIFORMS	2181942	
UNIFORM-MABBITT REFUND	-7.04	01660100-53324	UNIFORMS	2183729-CM	
UNIFORM-MCNAMEARA	743.88	01660100-53324	UNIFORMS	2188231	
UNIFORM-MEJIA	-130.99	01660100-53324	UNIFORMS	2183730-CM	
UNIFORM-MEJIA	49.99	01660100-53324	UNIFORMS	2181948	
UNIFORM-MEJIA	1,088.11	01660100-53324	UNIFORMS	2181532	
UNIFORM-PD PATCHES	1,830.00	01660100-53324	UNIFORMS	2179063	
UNIFORM-PECHTEL	50.50	01660100-53324	UNIFORMS	2185980	
UNIFORM-PECHTEL	467.84	01660100-53324	UNIFORMS	2182890	
UNIFORM-POPE	7.99	01660100-53324	UNIFORMS	2182891	

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on MAY 16,2022**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
UNIFORM-TURNHOLT	124.95	01660100-53324	UNIFORMS	2186606	
UNIFORM-WALKER	99.95	01660100-53324	UNIFORMS	2182722	
UNIFORM-WILLIS	286.50	01660100-53324	UNIFORMS	2183071	
	7,114.29				
REDZONE ROBOTICS INC					
SANITARY SEWER-4TH INSTALLMENT (5 YR CONT	173,239.20	04101500-52244	MAINTENANCE & REPAIR	INV-15024 PO-462608	
	173,239.20				
REFUNDS MISC					
22-3423-POOL, 332 IOWA CT-REFUND	96.00	01000000-42307	BUILDING PERMITS	332 IOWA CT-2022	
	96.00				
REFUNDS TAX STAMPS					
STAMP 33212, 493 TIMBER RIDGE #205-REFUND	405.00	11000000-41208	REAL ESTATE TRANSFER TAX	STAMP 33212	
	405.00				
RESTAURANT-MASTERCARD					
MEAL-ARIDE TRAINING	27.98	01660100-52223	TRAINING	DUNKIN 04/15/22	
MEAL-ARIDE TRAINING 04/14/22	27.98	01660100-52223	TRAINING	DUNKIN 04/14/22	
MEAL-CPA DINNER 03/31/22	336.63	01664700-53325	COMMUNITY RELATIONS	BABAS 03/31/22	
MEAL-CPA DINNER 04/21/22	217.76	01664700-53325	COMMUNITY RELATIONS	ROSATIS 04/21/22	
MEAL-GBN DEB CARTWRIGHT 03/30/22	71.34	01664700-53325	COMMUNITY RELATIONS	EGGCEPT 03/30/22	
MEAL-J PAULING, SNOW CONF	5.56	01670200-52223	TRAINING	WESTIN 04/11/22	
MEAL-J PAULING, SNOW CONF	8.40	01670200-52223	TRAINING	WESTIN 04/10/22	
MEAL-J PAULING, SNOW CONF	21.05	01670200-52223	TRAINING	BILLS BAR 04/11/22	
MEAL-J PAULING, SNOW CONF	23.19	01670200-52223	TRAINING	BILLS BAR 04/09/22	
MEAL-J PAULING, SNOW CONF	25.68	01670200-52223	TRAINING	BILLS BAR 04/10/22	
MEAL-J PAULING, SNOW CONF 04/12/22	5.56	01670200-52223	TRAINING	WESTIN 04/12/22	
MEAL-JASON PAULING, SNOW CONF	23.19	01670200-52223	TRAINING	BILLS BAR 04/12/22	
MEAL-SEARCH WARRANT	73.51	01662400-53317	OPERATING SUPPLIES	CHICK-FIL-A 04/08/22	
TELECOMMUNICATIONS WEEK	155.96	01660100-53317	OPERATING SUPPLIES	JIMMY JOHNS 04/11/22	
	1,023.79				

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on MAY 16,2022**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
SAE CUSTOMS INC					
EMERGENCY LIGHT REPAIR #612	95.00	01662700-52244	MAINTENANCE & REPAIR	3577	
REPAIR ANTENNA WIRE #643	64.50	01662700-52244	MAINTENANCE & REPAIR	3634	
REPAIR WATCH GUARD #612	57.00	01662700-52244	MAINTENANCE & REPAIR	3633	
SQUAD LIGHT REPAIR #641	249.00	01662700-52244	MAINTENANCE & REPAIR	3575	
WATCH GUARD REPAIR #691	47.50	01662700-52244	MAINTENANCE & REPAIR	3610	
	513.00				
SAFEKIDS WORLDWIDE					
CAR SEAT CERT-GALTO	95.00	01660100-52223	TRAINING	CMS-26730	
CAR SEAT CERT-WALKER	95.00	01660100-52223	TRAINING	CMS-26733	
CAR SEAT RECERT-WAJDOWICZ	55.00	01660100-52223	TRAINING	CMS-27079	
	245.00				
SAUERS BAKERY INC					
FD MEETING	13.40	01660100-52222	MEETINGS	000016	
	13.40				
SNAP ON INDUSTRIAL					
SOCKET SET	291.95	01696200-53316	TOOLS	ARV/52452162	
VALVE	14.08	01696200-53316	TOOLS	ARV/52449789	
	306.03				
SONETICS					
SONETICS HEADBANDS	104.85	04201600-53317	OPERATING SUPPLIES	INV334374	
	104.85				
STREICHER'S					
RIOT HELMETS, ACCESSORIES	93.00	01662700-53350	SMALL EQUIPMENT EXPENSE	I1535636	
RIOT HELMETS, ACCESSORIES	706.80	01662700-53350	SMALL EQUIPMENT EXPENSE	I1535644	
RIOT HELMETS, ACCESSORIES	999.00	01662700-53350	SMALL EQUIPMENT EXPENSE	I1531626	
	1,798.80				

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on MAY 16,2022**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
SUBURBAN LABORATORIES INC					
WATER SAMPLES PO-3900	625.93	04201600-52279	LAB SERVICES	201016	
	<u>625.93</u>				
TELCOM INNOVATIONS GROUP LLC					
NKW CD PHONE	205.00	01652800-53317	OPERATING SUPPLIES	A58522	
PROGRAMMING OF CD PHONES	193.75	01652800-52253	CONSULTANT	A58524	
PROGRAMMING OF HOT DESK	77.50	01652800-52253	CONSULTANT	A58549	
	<u>476.25</u>				
TESTING SERVICE CORP					
QUALITY ASSURANCE TESTING	2,170.00	11740000-55486	ROADWAY CAPITAL IMPROVEMENT	TN122976	
	<u>2,170.00</u>				
THE DAVENPORT GROUP USA LTD					
LAMA ANNUAL MAINTENANCE 06/01/22-05/31/	22,700.00	01643700-52255	SOFTWARE MAINTENANCE	2204-ILCS-06	
	<u>22,700.00</u>				
THIRD MILLENIUM ASSOCIATES INCORPORATED					
BILL PRINTING 04/28/22	1,317.34	04103100-52221	UTILITY BILL PROCESSING	27635	
BILL PRINTING 04/28/22	1,317.35	04203100-52221	UTILITY BILL PROCESSING	27635	
GREEN PAY FEE-APR 2022	241.87	04103100-52221	UTILITY BILL PROCESSING	27636	
GREEN PAY FEE-APR 2022	241.88	04203100-52221	UTILITY BILL PROCESSING	27636	
	<u>3,118.44</u>				
TIA MESSINO					
ILCMA 2022-MESSINO 03/29-03/31/22	147.42	01590000-52223	TRAINING	ILCMA 2022-MESSINO	
	<u>147.42</u>				

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on MAY 16,2022**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
TIF 3 NORTH AND SCHMALE RD					
SALES TAX-FEB 2022	-8,709.10	22000000-49340	SALES TAX CONTRIB - RDA#1	TIF3 05/31/22	
SALES TAX-FEB 2022	8,709.10	01720000-58340	SALES TAX TFR - RDA#1	TIF3 05/31/22	
SALES TAX-FEB 2022	8,709.10	22-11105	CASH - TRUST	TIF3 05/31/22	
	8,709.10				
TRANS CHICAGO TRUCK GROUP					
AP LINKS	478.78	01696200-53354	PARTS PURCHASED	X101109667	
	478.78				
TRANS UNION LLC					
MTHLY CREDIT CHECKS 02/26-03/25/22	152.00	01662400-53330	INVESTIGATION FUND	03200288	
	152.00				
TRANSYSTEMS CORPORATION					
KUHN RD-BIKE PATH PHASE II PO-462639	3,639.52	11740000-55486	ROADWAY CAPITAL IMPROVEMENT	17-3840410	
LIES RD-BIKE PATH PHASE II PO-462609	1,793.92	11740000-55486	ROADWAY CAPITAL IMPROVEMENT	25-3840409	
SOUTHEAST BIKE PATH-PHASE II PO-462659	26,760.61	11740000-55486	ROADWAY CAPITAL IMPROVEMENT	06-3840412	
	32,194.05				
TRAVEL-MASTERCARD					
PARKING-DRE TRAINING	33.00	01660100-52223	TRAINING	104865	
PARKING-DRE TRAINING	48.00	01660100-52223	TRAINING	0247076	
	81.00				
TRISOURCE SOLUTIONS LLC					
TRISOURCE CC FEES-APR 2022	2.12	04203100-52221	UTILITY BILL PROCESSING	1420 05/03/22	
TRISOURCE CC FEES-APR 2022	2.13	04103100-52221	UTILITY BILL PROCESSING	1420 05/03/22	
TRISOURCE CC FEES-APR 2022	12.75	01610100-52256	BANKING SERVICES	1420 05/03/22	
TRISOURCE CC FEES-APR 2022	1,910.05	04103100-52221	UTILITY BILL PROCESSING	7833 05/03/22	
TRISOURCE CC FEES-APR 2022	1,910.05	04203100-52221	UTILITY BILL PROCESSING	7833 05/03/22	
	3,837.10				

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on MAY 16,2022**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
TYCO FIRE & SECURITY (US)MGMT INC					
124 GERZEVSKE 04/01-06/30/22	54.73	01670400-52234	DUES & SUBSCRIPTIONS	37113529	
245 KUHN RD 04/01-06/30/22	54.73	04100100-52234	DUES & SUBSCRIPTIONS	37113555	
300 KUHN RD 04/01-06/30/22	54.73	04200100-52234	DUES & SUBSCRIPTIONS	37113498	
ALARM SERVICE FARMHOUSE	38.70	01680000-52244	MAINTENANCE & REPAIR	37113524	
ALARM SERVICE TOWN CENTER	51.51	01680000-52219	TC MAINTENANCE	37113525	
ALARM SERVICE VILLAGE HALL	108.00	01680000-52244	MAINTENANCE & REPAIR	37113523	
	362.40				
U S POSTMASTER					
S/O NOTICE POSTAGE-APR 2022	52.73	04203100-52229	POSTAGE	1529 05/09/22	
S/O NOTICE POSTAGE-APR 2022	52.74	04103100-52229	POSTAGE	1529 05/09/22	
	105.47				
UPS GROUND SERVICE					
DUI KITS TO AFTL	13.92	01662400-53317	OPERATING SUPPLIES	060737	
	13.92				
US POSTMASTER					
POSTAGE REPLENISH-MAY 2022	10,000.00	01610100-52229	POSTAGE	POC14021044 MAY 2022	
	10,000.00				
USA BLUE BOOK					
MINI SPADE	71.38	04101500-53317	OPERATING SUPPLIES	914767	
	71.38				
USI CORPORATION					
SAN DRIVES	4,206.00	01652800-53317	OPERATING SUPPLIES	028619	
	4,206.00				
VERIZON WIRELESS					
EMAG SERVICE 02/03-03/02/22	1.71	01652800-52230	TELEPHONE	9900952827	
	1.71				

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on MAY 16,2022**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
VERMEER ILLINOIS					
MR CAM LOCK	78.70	01696200-53354	PARTS PURCHASED	PH6040	
	78.70				
VILLA PARK ELECTRICAL SUPPLY CO INC					
WIRE	637.50	01670300-53215	STREET LIGHT SUPPLIES	219981-00	
	637.50				
VILLAGE OF CAROL STREAM					
124 GERZEVSKE LN-E PUMP STATION 03/01-04/0	113.59	04200100-53220	WATER	01869820-21254	
124 GERZEVSKE LN-N GARAGE 03/01-04/04/22	356.36	01670100-53220	WATER	01869490-20874	
124 GERZEVSKE LN-PW CENTER 03/01-04/04/22	201.59	01670100-53220	WATER	01869491-20875	
124 GERZEVSKE LN-PW METER 03/01-04/01/22	75.63	04200100-53220	WATER	01869808-21240	
124 GERZEVSKE LN-WASHDOWN BIN 03/01-04/C	16.04	04200100-53220	WATER	01869823-211257	
245 KUHN RD-BLOWER BLDG I 03/01-04/04/22	2.23	04101500-53220	WATER	01869845-21279	
245 KUHN RD-BLOWER BLDG II 03/01-04/04/22	0.90	04101500-53220	WATER	01869844-21278	
245 KUHN RD-BTH MAINT BLDG 03/01-04/05/22	3.61	04101500-53220	WATER	01869822-21256	
245 KUHN RD-MAIN CONTROL BLDG 03/01-04/0	51.05	04101500-53220	WATER	01869487-20871	
245 KUHN RD-PLANT ADMIN BLDG 03/01-04/04,	40.83	04101500-53220	WATER	01869488-20872	
300 KUHN RD-CHLORINE ANALYZER 03/01-04/04	78.62	04200100-53220	WATER	01869821-21255	
301 LIES RD-FARMHOUSE 03/01-04/04/22	0.13	01680000-53220	WATER	01867636-18979	
500 GARY AVE-VH 03/01-04/04/22	731.41	01680000-53220	WATER	01869492-20876	
960 GARY AVE-VISITORS CTR 03/01-04/04/22	0.65	01680000-53220	WATER	01869494-20878	
	1,672.64				
VILLAGE TAVERN & GRILL					
MEAL-COMPLIANCE CHECKS 03/29/22	50.35	01664700-53317	OPERATING SUPPLIES	VILL TAVERN 03/29/22	
MEAL-CPA DINNER 03/24/22	300.00	01664700-53325	COMMUNITY RELATIONS	VILL TAVERN 03/24/22	
MEAL-CPA DINNER 04/07/22	350.00	01664700-53325	COMMUNITY RELATIONS	VILL TAVERN 04/07/22	
	700.35				

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on MAY 16,2022**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
VODOTECH INC					
COLD 360 CAMERA	1,200.00	01652800-53317	OPERATING SUPPLIES	1117	
	<u>1,200.00</u>				
WAL MART					
CPA SUPPLIES	112.15	01664700-53325	COMMUNITY RELATIONS	066537	
MEAL-CPA DRINKS 03/29/22	15.70	01664700-53325	COMMUNITY RELATIONS	030630	
RETIREMENT BABOR	38.00	01600000-52242	EMPLOYEE RECOGNITION	057484	
RETIREMENT CARDS	32.76	01660100-53317	OPERATING SUPPLIES	081537	
VENDING SUPPLIES	55.40	01-24222	SPECIAL OLYMPICS VENDING	3542249-554881	
	<u>254.01</u>				
WARSHAUER ELECTRIC SUPPLY					
ARC FLASH SUIT	511.72	04101500-53317	OPERATING SUPPLIES	S100411042.002	
	<u>511.72</u>				
WATCH DOG GOOSE PATROL					
TC-DECOYS	489.27	01670400-53317	OPERATING SUPPLIES	WDGP-14216	
	<u>489.27</u>				
WESTERN REMAC INC					
CONFINED SPACE SIGNS	332.00	04201600-53317	OPERATING SUPPLIES	61934	
	<u>332.00</u>				
WESTMORE SUPPLY CO					
CONCRETE RESTO-1190 NARRAGANSETT 04/26/:	695.63	04201600-52286	PAVEMENT RESTORATION	R108462	
CONCRETE RESTO-351 MAIN PL 04/12/22	725.00	04201600-52286	PAVEMENT RESTORATION	R108151	
CONCRETE RESTO-BLUFF, ELK TR 04/05/22	799.38	04201600-52286	PAVEMENT RESTORATION	R108061	
	<u>2,220.01</u>				
WEX HEALTH, INC.					
FLEX ADMIN-APR 2022	170.00	01600000-52273	EMPLOYEE SERVICES	0001516647-IN	
	<u>170.00</u>				

**Village of Carol Stream
Schedule of Bills
For Village Board Approval on MAY 16,2022**

<u>Vendor / Description</u>	<u>Amount</u>	<u>Account Number</u>	<u>Account Description</u>	<u>Invoice No.</u>	<u>Purchase Order</u>
ZIEBELL WATER SERVICE PRODUCTS INC					
WATEROOS GASKETS	132.00	04201600-53317	OPERATING SUPPLIES	257317-000	
	<u>132.00</u>				
ZOOM VIDEO COMMUNICATIONS LLC					
ZOOM VIDEO SOFTWARE 03/20-04/19/22	202.30	01652800-52255	SOFTWARE MAINTENANCE	144050732	
	<u>202.30</u>				
GRAND TOTAL	<u><u>\$2,283,265.12</u></u>				

The preceding list of bills payable totaling \$ 2,283,265.12 was reviewed and approved for payment.

Approved by:



Bob Mellor –Village Manager

Date: 5/12/22

Authorized by:

Frank Saverino Sr-Mayor

Julia Schwarze- Village Clerk

**ADDENDUM WARRANTS
MAY 3, 2022 Thru MAY 16, 2022**

Fund	Check #	Vendor	Description	Amount
General	A C H	Wheaton Bank & Trust	Payroll April 18, 2022 thru May 1, 2022	610,455.49
Water & Sewer	A C H	Wheaton Bank & Trust	Payroll April 18, 2022 thru May 1, 2022	59,115.67
				<u>669,571.16</u>

Approved this _____ day of _____, 2022

By: _____
Frank Saverino Sr-Mayor

Julia Schwarze - Village Clerk

Village of Carol Stream
General Fund Budget Summary
For the Month Ended April 30, 2022

	MONTH				YTD				BUDGET					
	Last Year Apr	Current Year Apr	Monthly Variance \$ %		Last Year YTD	Current Year YTD	YTD Variance \$ %		Adopted Budget	Revised Budget	YTD Actual	Variance \$ %		
REVENUES														
Property Tax	\$ -	-	\$ -	0%	\$ 3,827,101	\$ 3,835,206	\$ 8,105	0%	\$ 3,825,000	\$ 3,825,000	\$ 3,835,206	\$ 10,206	0%	
Sales Tax	600,052	625,849.67	25,797	4%	6,632,585	8,247,405	1,614,820	24%	7,490,000	7,490,000	8,247,405	757,405	10%	
Home Rule Sales Tax	443,688	445,922.73	2,235	1%	4,647,833	6,051,476	1,403,643	30%	5,330,000	5,330,000	6,051,476	721,476	14%	
State Income Tax	489,176	626,982.80	137,806	28%	4,552,362	5,724,953	1,172,591	26%	4,404,000	4,404,000	5,724,953	1,320,953	30%	
Fines (Court, Ord., ATLE, Towing)	149,939	131,934.61	(18,004)	-12%	1,340,181	1,554,291	214,110	16%	1,382,000	1,382,000	1,554,291	172,291	12%	
Natural Gas Use Tax	69,709	88,048.49	18,339	26%	600,145	622,246	22,101	4%	610,000	610,000	622,246	12,246	2%	
Other Taxes (Use, Hotel, PPRT Video Gaming, Alcohol)	212,721	252,230.63	39,510	19%	2,631,303	2,900,136	268,833	10%	2,464,100	2,464,100	2,900,136	436,036	18%	
Licenses	1,266	130,446.50	129,181	10204%	806,141	391,077	(415,064)	-51%	214,200	214,200	391,077	176,877	83%	
Cable Franchise Fees	26,529	23,651.04	(2,878)	-11%	537,941	532,616	(5,325)	-1%	506,200	506,200	532,616	26,416	5%	
Building Permits	72,479	140,858.52	68,380	94%	762,917	756,347	(6,570)	-1%	638,000	638,000	756,347	118,347	19%	
Fees for Services	52,237	75,285.91	23,049	44%	625,933	693,150	67,217	11%	684,500	684,500	693,150	8,650	1%	
Interest Income	371	4,701.12	4,330	1166%	74,825	71,180	(3,645)	-5%	105,000	105,000	71,180	(33,820)	-32%	
All Other / Miscellaneous	54,963	49,879.90	(5,083)	-9%	2,888,629	887,791	(2,000,837)	-69%	1,087,000	1,087,000	887,791	(199,209)	-18%	
Revenue Totals	\$ 2,173,130	2,595,792	\$ 422,662	19%	\$ 29,927,896	32,267,874	\$ 2,339,979	8%	\$ 28,740,000	\$ 28,740,000	\$ 32,267,874	\$ 3,527,874	12%	
EXPENDITURES														
Fire & Police Commission	\$ 6,793	\$ 1,261	\$ (5,532)	-81%	\$ 28,914	\$ 34,653	\$ 5,739	20%	\$ 38,696	\$ 38,696	\$ 34,653	\$ (4,043)	-10%	
Village Board & Clerk	15,673	16,012	340	2%	116,066	167,053	50,987	44%	170,863	170,863	167,053	(3,810)	-2%	
Plan Commission & ZBA	688	329	(359)	-52%	5,007	6,545	1,538	31%	6,225	6,225	6,545	320	5%	
Emergency Services	74,802	-	(74,802)	-100%	105,306	48,778	(56,529)	-54%	58,000	58,000	48,778	(9,222)	-16%	
Legal Services	32,484	26,160	(6,324)	-19%	215,058	219,416	4,358	2%	275,700	275,700	219,416	(56,284)	-20%	
Administration	51,312	76,387	25,075	49%	827,589	950,257	122,668	15%	932,666	932,666	950,257	17,591	2%	
Employee Relations	30,487	33,121	2,634	9%	431,968	450,206	18,239	4%	475,184	475,184	450,206	(24,978)	-5%	
Financial Management	44,723	45,798	1,075	2%	693,418	723,034	29,616	4%	725,836	725,836	723,034	(2,802)	0%	
Engineering Services	75,549	86,561	11,012	15%	997,920	991,432	(6,488)	-1%	1,114,420	1,114,420	991,432	(122,988)	-11%	
Community Development	73,729	74,892	1,163	2%	967,960	1,006,333	38,373	4%	1,066,446	1,066,446	1,006,333	(60,113)	-6%	
Information Technology	118,856	97,764	(21,092)	-18%	1,270,685	1,563,776	293,091	23%	1,406,695	1,406,695	1,563,776	157,081	11%	
Police	1,140,681	1,077,152	(63,529)	-6%	15,689,613	16,772,733	1,083,120	7%	17,704,197	17,704,197	16,772,733	(931,464)	-5%	
Public Works	237,917	268,328	30,410	13%	3,976,707	3,400,736	(575,971)	-14%	3,692,038	3,692,038	3,400,736	(291,302)	-8%	
Municipal Building	20,127	37,808	17,680	88%	281,634	377,352	95,719	34%	396,394	396,394	377,352	(19,042)	-5%	
Municipal Garage	(2,309)	7,582	9,890	-428%	(36,519)	43,299	79,818	-219%	-	-	43,299	43,299	100%	
Transfers and Agreements	157,920	171,133	13,213	8%	611,715	612,162	447	0%	644,000	644,000	612,162	(31,838)	-5%	
Town Center	-	-	-	0%	685	40,405	39,720	5798%	32,640	32,640	40,405	7,765	24%	
Expenditure Totals	\$ 2,079,434	\$ 2,020,288	\$ (59,146)	-3%	\$ 26,183,725	\$ 27,408,169	\$ 1,224,444	5%	\$ 28,740,000	\$ 28,740,000	\$ 27,408,169	\$ (1,331,831)	-5%	
Net Increase / (Decrease)	\$ 93,696	\$ 575,504	\$ 481,808		\$ 3,744,171	\$ 4,859,705	\$ 1,115,535		\$ -	\$ -	\$ 4,859,705	\$ 4,859,705		
Operating Transfer to Capital Projects Fund						<u>\$ (4,500,000)</u>					<u>\$ (4,500,000)</u>			
Net Increase/ (Decrease)						<u>\$ 359,705</u>					<u>\$ 359,705</u>			

Village of Carol Stream
Water and Sewer Fund Budget Summary
For the Month Ended April 30, 2022

	MONTH				YTD				BUDGET					
	Last Year Apr	Current Year Apr	Monthly Variance \$ %		Last Year YTD	Current Year YTD	YTD Variance \$ %		Annual Budget	YTD Budget	YTD Actual	Variance \$ %		
REVENUES														
Water Billings	\$ 703,747	\$ 757,118	53,371	8%	\$ 8,957,986	\$ 8,926,665	(31,321)	0%	\$ 9,042,000	\$ 9,042,000	\$ 8,926,665	(115,335)	-1%	
Sewer Billings	316,184	335,893	19,708	6%	4,073,639	4,040,245	(33,393)	-1%	4,080,000	4,080,000	4,040,245	(39,755)	-1%	
Penalties/Admin Fees	7,563	11,876	4,312	57%	106,988	159,165	52,177	49%	178,000	178,000	159,165	(18,835)	-11%	
Connection/Expansion Fees	-	-	-	0%	3,698	-	(3,698)	-100%	28,000	28,000	-	(28,000)	-100%	
Interest Income	550	6,187	5,637	1025%	24,391	28,633	4,242	17%	10,000	10,000	28,633	18,633	186%	
Rental Income	13,467	123,791	110,324	819%	161,643	271,681	110,038	68%	164,000	164,000	271,681	107,681	66%	
All Other / Miscellaneous	1,270	704	(566)	-45%	99,127	114,963	15,836	16%	88,000	88,000	114,963	26,963	31%	
Revenue Totals	1,042,781	1,235,568	192,786	18%	13,427,472	13,541,353	113,881	1%	13,590,000	13,590,000	13,541,353	(48,647)	0%	
EXPENDITURES														
Salaries & Benefits	135,826	147,174	11,347	8%	1,800,333	1,968,460	168,127	9%	2,055,428	2,055,428	1,968,460	(86,968)	-4%	
Purchase of Water	444,646	388,579	(56,067)	-13%	5,589,819	5,502,804	(87,015)	-2%	5,715,000	5,715,000	5,502,804	(212,196)	-4%	
WRC Operating Contract	12,454	-	(12,454)	-100%	1,948,975	2,016,677	67,701	3%	2,049,229	2,049,229	2,016,677	(32,552)	-2%	
Maintenance & Operating	131,713	184,900	53,188	40%	2,551,583	2,572,720	21,137	1%	2,943,826	2,943,826	2,572,720	(371,106)	-13%	
IEPA Loan P&I	-	214,325	214,325	100%	428,650	437,650	9,000	2%	428,650	428,650	437,650	9,000	2%	
DWC Loan P&I	-	-	-	0%	54,929	53,948	(981)	-2%	53,948	53,948	53,948	0	0%	
Capital Outlay	460,865	51,131	(409,733)	-89%	573,527	3,416,607	2,843,080	496%	6,366,000	6,366,000	3,416,607	(2,949,393)	-46%	
Expenditure Totals	1,185,504	986,110	(199,394)	-17%	12,947,817	15,968,866	3,021,049	23%	19,612,081	19,612,081	15,968,866	(3,643,215)	-19%	
Net Increase / (Decrease)	(142,723)	249,458	392,180		479,655	(2,427,513)	(2,907,168)		(6,022,081)	(6,022,081)	(2,427,513)	3,594,568		

Village of Carol Stream
Capital Budget Summary
For the Month Ended April 30, 2022

	MONTH				YTD				BUDGET*		
	Last Year Apr	Current Year Apr	Monthly Variance \$ %		Last Year YTD	Current Year YTD	YTD Variance \$ %		Annual Budget	YTD Actual	% of Total
CAPITAL PROJECTS FUND											
REVENUES											
Electricity Use Tax	\$ 139,130	\$ 139,735	\$ 605	0%	\$ 1,667,046	\$ 1,836,562	\$ 169,516	10%	\$ 1,825,000	\$ 1,836,562	101%
Real Estate Transfer Tax	415,279	241,855	(173,424)	-42%	943,679	1,256,395	312,716	33%	750,000	1,256,395	168%
Telecommunications Tax	48,705	48,110	(596)	-1%	521,685	617,158	95,473	18%	636,000	617,158	97%
Local Motor Fuel Tax	57,984	57,756	(229)	0%	683,963	701,446	17,483	3%	760,000	701,446	92%
Capital Grants	317	10,295	9,977	3143%	203,599	196,191	(7,408)	-4%	323,600	196,191	61%
Interest Income	325	6,610	6,285	1934%	12,734	22,909	10,175	80%	15,000	22,909	153%
All Other / Miscellaneous	-	-	-	0%	54,722	80,578	25,856	47%	-	80,578	100%
Revenue Totals	\$ 661,741	\$ 504,360	\$ (157,381)	-24%	\$ 4,087,428	\$ 4,711,239	\$ 623,812	15%	\$ 4,309,600	\$ 4,711,239	109%
EXPENDITURES											
Roadway Improvements	\$ 13,908	\$ 45,609	\$ 31,701	228%	\$ 566,858	\$ 821,309	\$ 254,451	45%	\$ 1,104,000	\$ 821,309	74%
Facility Improvements	-	20,061	20,061	100%	8,700	750,318	741,618	8524%	1,157,000	750,318	65%
Stormwater Improvements	1,124	12,925	11,801	1050%	527,979	559,712	31,733	6%	622,000	559,712	90%
Miscellaneous	-	280	280	100%	645	9,697	9,052	1403%	1,000	9,697	970%
Expenditure Totals	\$ 15,032	\$ 78,875	\$ 63,843	425%	\$ 1,104,182	\$ 2,141,036	\$ 1,036,853	94%	\$ 2,884,000	\$ 2,141,036	74%
Net Increase / (Decrease)	\$ 646,709	\$ 425,485	\$ (221,224)	-34%	\$ 2,983,245	\$ 2,570,204	\$ (413,042)	-14%	\$ 1,425,600	\$ 2,570,204	180%
Operating Transfer from General Fund						<u>\$ 4,500,000</u>				<u>\$ 4,500,000</u>	
Net Increase / (Decrease)						<u>\$ 7,070,204</u>				<u>\$ 7,070,204</u>	
MFT FUND											
REVENUES											
Motor Fuel Tax Allotments	\$ 112,435	\$ 132,195	\$ 19,761	18%	\$ 1,408,774	\$ 1,580,633	\$ 171,859	12%	\$ 1,563,000	\$ 1,580,633	101%
Capital Grants	-	-	-	0%	1,308,556	872,370	(436,185)	-33%	872,370	872,370	100%
Interest Income	110	1,385	1,275	1164%	4,867	3,878	(989)	-20%	5,000	3,878	78%
Revenue Totals	\$ 112,544	\$ 133,580	\$ 21,036	19%	\$ 2,722,197	\$ 2,456,881	\$ (265,315)	-10%	\$ 2,440,370	\$ 2,456,881	101%
EXPENDITURES											
Street Resurfacing - Capital	\$ -	\$ -	\$ -	0%	\$ 1,000,757	\$ 1,947,355	\$ 946,598	95%	\$ 2,400,000	\$ 1,947,355	81%
Crack Filling	-	-	-	0%	53,083	66,516	13,433	25%	75,000	66,516	89%
Rebuild Illinois Bond Projects	-	4,778	4,778	100%	-	129,449	129,449	100%	115,000	129,449	0%
Expenditure Totals	\$ -	\$ 4,778	\$ 4,778	100%	\$ 1,053,839	\$ 2,143,320	\$ 1,089,481	103%	\$ 2,590,000	\$ 2,143,320	83%
Net Increase / (Decrease)	\$ 112,544	\$ 128,803	\$ 16,258	14%	\$ 1,668,358	\$ 313,561	\$ (1,354,797)	-81%	\$ (149,630)	\$ 313,561	-210%

* Due to the uncertainty of timing of various capital improvement projects, no YTD budget estimates are shown.

Village of Carol Stream
Equipment Replacement Fund Budget Summary
 For the Month Ended April 30, 2022

EQUIPMENT REPLACEMENT FUND	MONTH				YTD				BUDGET*			
	Last Year	Current Year	Monthly Variance		Last Year	Current Year	YTD Variance		Annual	YTD	% of	
	Apr	Apr	\$	%	YTD	YTD	\$	%	Budget	Actual	Total	
REVENUES												
Transfer - Engineering	\$ -	\$ -	-	0%	\$ 14,412	\$ -	(14,412)	-100%	\$ -	\$ -	0%	
Transfer - Community Dev.	-	-	-	0%	12,406	-	(12,406)	-100%	-	-	0%	
Transfer - Police	-	-	-	0%	267,120	-	(267,120)	-100%	-	-	0%	
Transfer - PW Streets	-	-	-	0%	616,993	-	(616,993)	-100%	-	-	0%	
Transfer - Municipal Building	-	-	-	0%	9,000	-	(9,000)	-100%	-	-	0%	
Transfer - WRC	-	-	-	0%	67,274	-	(67,274)	-100%	-	-	0%	
Transfer - Water	-	-	-	0%	186,300	-	(186,300)	-100%	-	-	0%	
Revenue Totals	\$ -	\$ -	\$ -	0%	\$ 1,173,505	\$ -	\$ (1,173,505)	0%	\$ -	\$ -	0%	
EXPENDITURES												
Vehicles - Engineering	\$ -	\$ -	\$ -	0%	\$ -	\$ -	\$ -	0%	\$ -	\$ -	0%	
Vehicles - Community Dev.	-	-	-	0%	-	-	-	0%	-	-	0%	
Vehicles - Police	70,246	37,241	(33,005)	-47%	132,112	321,886	189,774	144%	128,000	321,886	251%	
Vehicles - PW Streets	-	-	-	0%	289,776	130,716	(159,060)	-55%	131,000	130,716	100%	
Vehicles - Municipal Building	-	-	-	0%	-	-	-	0%	30,000	-	0%	
Vehicles - WRC	-	-	-	0%	-	-	-	0%	-	-	0%	
Vehicles - Water	-	-	-	0%	-	-	-	0%	-	-	0%	
Expenditure Totals	\$ 70,246	\$ 37,241	\$ (33,005)	-47%	\$ 421,888	\$ 452,602	\$ 30,714	7%	\$ 289,000	\$ 452,602	157%	
Net Increase / (Decrease)	\$ (70,246)	\$ (37,241)	\$ 33,005		\$ 751,617	\$ (452,602)	\$ (1,204,219)		\$ (289,000)	\$ (452,602)		

* Due to the uncertainty of timing of vehicle purchases, no YTD budget estimates are shown.

Village of Carol Stream
TIF Fund Budget Summary
 For the Month Ended April 30, 2022

NORTH/SCHMALE TIF	MONTH				YTD				BUDGET				
	Last Year	Current Year	Monthly Variance		Last Year	Current Year	YTD Variance		Adopted	YTD	YTD	Variance	
	Apr	Apr	\$	%	YTD	YTD	\$	%	Budget	Budget	Actual	\$	%
REVENUES													
TIF Property Taxes	\$ -	\$ -	\$ -	0%	\$ 355,185	\$ 356,220	\$ 1,034	0%	\$ 385,000	\$ 385,000	\$ 356,220	\$ (28,780)	-7%
Sales Taxes	11,049	9,680	(1,369)	-12%	138,492	118,675	(19,817)	-14%	130,000	130,000	118,675	(11,325)	-9%
Interest Income	21	403	382	1823%	967	910	(57)	-6%	1,000	1,000	910	(90)	-9%
Revenue Totals	11,070	10,084	(986)	-9%	494,644	475,804	(18,839)	-4%	516,000	516,000	475,804	(40,196)	-8%
EXPENDITURES													
Legal Fees	430	-	(430)	-100%	538	215	(323)	-60%	1,500	1,500	215	(1,285)	-86%
Other Expenses	-	-	-	0%	307,313	304,051	(3,262)	-1%	287,000	287,000	304,051	17,051	6%
Expenditure Totals	430	-	(430)	-100%	307,851	304,266	(3,584)	-1%	288,500	288,500	304,266	15,766	5%
Net Increase / (Decrease)	10,640	10,084	(556)		186,793	171,538	(15,255)		227,500	227,500	171,538	(55,962)	

Village of Carol Stream
Police Pension Fund Budget Summary
For the Month Ended April 30, 2022

POLICE PENSION FUND	MONTH				YTD				BUDGET				
	Last Year	Current Year	Monthly Variance		Last Year	Current Year	YTD Variance		Annual	YTD	YTD	Variance	
	Apr	Apr	\$	%	YTD	YTD	\$	%	Budget	Budget	Actual	\$	%
REVENUES													
Investment Income	\$ 1,724,445	\$ 532,949	\$ (1,191,497)	-69%	\$ 10,065,797	\$ 1,393,923	\$ (8,671,874)	-86%	\$ 4,000,000	\$ 4,000,000	\$ 1,393,923	\$ (2,606,077)	-65%
Employee Contributions	48,336	53,826	5,490	11%	964,537	669,300	(295,237)	-31%	650,000	650,000	669,300	19,300	3%
Village Contribution	237,533	-	(237,533)	-100%	2,850,352	3,050,927	200,575	7%	3,050,927	3,050,927	3,050,927	-	0%
Other Revenues	-	-	-	0%	-	-	-	0%	-	-	-	-	0%
Revenue Totals	2,010,314	586,775	(1,423,539)	-71%	13,880,686	5,114,150	(8,766,536)	-63%	7,700,927	7,700,927	5,114,150	(2,586,777)	-34%
EXPENDITURES													
Investment and Admin Fees	12,629	12,072	(557)	-4%	289,135	310,606	21,471	7%	164,900	164,900	310,606	145,706	88%
Participant Benefit Payments	323,641	329,185	5,544	2%	3,753,887	3,929,791	175,904	5%	4,457,000	4,457,000	3,929,791	(527,209)	-12%
Expenditure Totals	336,270	341,257	4,987	1%	4,043,022	4,240,397	197,375	5%	4,621,900	4,621,900	4,240,397	(381,503)	-8%
Net Increase / (Decrease)	1,674,044	245,518	(1,428,526)		9,837,664	873,753	(8,963,911)		3,079,027	3,079,027	873,753	(2,205,274)	

Village of Carol Stream
American Rescue Plan Act (ARPA) Fund
 For the Month Ended April 30, 2022

	MONTH				YTD				BUDGET*		
	Last Year Apr	Current Year Apr	Monthly Variance \$ %		Last Year YTD	Current Year YTD	YTD Variance \$ %		Annual Budget	YTD Actual	% of Total
ARPA Fund											
REVENUES											
Grants - General Govt.	\$ -	\$ -	\$ -	0%	\$ -	\$ 7,380	\$ 7,380	100%	\$ -	\$ 7,380	100%
Grants - Public Safety	-	-	-	0%	-	643	643	100%	-	643	100%
Grants - Highways & Streets	-	-	-	0%	-	1,693	1,693	100%	-	1,693	100%
Revenue Totals	\$ -	\$ -	\$ -	0%	\$ -	\$ 9,715	\$ 9,715	100%	\$ -	\$ 9,715	100%
EXPENDITURES											
Vaccination Event	-	-	-	0%	-	9,715	9,715	100%	-	9,715	100%
Expenditure Totals	\$ -	\$ -	\$ -	0%	\$ -	\$ 9,715	\$ 9,715	100%	\$ -	\$ 9,715	100%
Net Increase / (Decrease)	\$ -	\$ -	\$ -	0%	\$ -	(0)	(0)	100%	\$ -	\$ -	100%

* Due to the uncertainty of timing of revenues and expenditures, no YTD budget estimates are shown.

Village of Carol Stream
State and Federal Asset Seizure Fund Summary
For the Month Ended April 30, 2022

	MONTH				YTD				BUDGET*		
	Last Year Apr	Current Year Apr	Monthly Variance \$ %		Last Year YTD	Current Year YTD	YTD Variance \$ %		Annual Budget	YTD Actual	% of Total
State Asset Seizure Fund											
REVENUES											
Transfer from General Fund	\$ -	\$ -	\$ -	0%	\$ -	\$ -	\$ -	0%	\$ -	\$ -	0%
State Drug Seizure	-	2,159	2,159	100%	10,022	91,089	81,068	809%	-	91,089	100%
State Money Laundering	-	-	-	0%	527	1,734	1,207	229%	-	1,734	0%
State Vehicle Seizure	-	-	-	0%	5,419	31,090	25,671	474%	-	31,090	100%
Revenue Totals	\$ -	\$ 2,159	\$ 2,159	100%	\$ 15,967	\$ 123,913	\$ 107,946	100%	\$ -	\$ 123,913	100%
EXPENDITURES											
State Drug Seizure	12,301	11,822	(479)	-4%	61,271	24,223	(37,048)	-60%	87,150	24,223	28%
State Money Laundering	-	-	-	0%	-	-	-	0%	17,500	-	0%
State Vehicle Seizure	-	-	-	0%	-	-	-	0%	-	-	0%
Expenditure Totals	\$ 12,301	\$ 11,822	\$ (479)	-4%	\$ 61,271	\$ 24,223	\$ (37,048)	-60%	\$ 104,650	\$ 24,223	100%
Net Increase / (Decrease)	\$ (12,301)	\$ (9,663)	\$ 2,638	-21%	\$ (45,304)	\$ 99,691	\$ 144,994	100%	\$ (104,650)	\$ 99,691	100%
Federal Asset Seizure Fund											
REVENUES											
Transfer from General Fund	\$ -	\$ -	\$ -	0%	\$ -	\$ -	\$ -	0%	\$ -	\$ -	100%
Federal DOJ Seizure	-	-	-	0%	-	-	-	0%	-	-	100%
Federal Treasury Seizure	-	-	-	0%	-	-	-	0%	-	-	100%
Revenue Totals	\$ -	\$ -	\$ -	0%	\$ -	\$ -	\$ -	0%	-	\$ -	100%
EXPENDITURES											
Federal DOJ	\$ 4,485	\$ 452	\$ (4,033)	-90%	7,635	10,784	3,149	41%	\$ 8,500	\$ 10,784	100%
Federal Treasury	-	-	-	0%	1,764	-	(1,764)	-100%	-	-	0%
Expenditure Totals	\$ 4,485	\$ 452	\$ (4,033)	-90%	\$ 9,399	\$ 10,784	\$ 1,385	100%	\$ 8,500	\$ 10,784	100%
Net Increase / (Decrease)	\$ (4,485)	\$ (452)	\$ 4,033	-90%	\$ (9,399)	\$ (10,784)	\$ (1,385)	100%	\$ (8,500)	\$ (10,784)	100%

* Due to the uncertainty of timing of revenues and expenditures, no YTD budget estimates are shown.

Village of Carol Stream
Schedule of Cash and Investment Balances
 April 30, 2022

FUND	CASH	LGIPs*	INVESTMENTS	TOTAL CASH & INVESTMENTS	LAST YEAR 4/30/2021
GENERAL FUND	\$ 1,288,972.48	\$ 8,158,187.39	\$ -	\$ 9,447,159.87	\$ 9,204,025.76
WATER & SEWER FUND	211,635.77	9,791,936.18	-	10,003,571.95	12,331,222.89
CAPITAL PROJECTS FUND	916,476.69	19,815,939.77	-	20,732,416.46	13,659,092.44
MFT FUND	-	3,908,260.46	-	3,908,260.46	3,595,199.26
EQUIPMENT REPL. FUND	-	4,278,597.42	-	4,278,597.42	4,731,199.06
NORTH/SCHMALE TIF FUND	103,539.91	1,030,855.84	-	1,134,395.75	962,857.81
POLICE PENSION FUND	50,068.20	944,742.81	64,556,591.88	65,551,402.89	62,654,595.32
ARPA GRANT FUND		2,657,748.30		2,657,748.30	-
STATE ASSET SEIZURE FUND	329,678.03	-	-	329,678.03	227,266.14
FEDERAL ASSET SEIZURE FUND	134,840.35	-	-	134,840.35	145,171.95
TOTAL	<u>\$ 3,035,211.43</u>	<u>\$ 50,586,268.17</u>	<u>\$ 64,556,591.88</u>	<u>\$ 118,178,071.48</u>	<u>\$ 107,510,630.63</u>

* Local Government Investment Pools (LGIP) include the Illinois Funds and IMET.