



Village of Winnetka

Village Council Regular Meeting

November 21, 2023 at 7:00 PM

Village Hall
510 Green Bay Road

AGENDA

1. **Call to Order**
2. **Pledge of Allegiance**
3. **Quorum**
 - a. December 5, 2023 Regular Meeting
 - b. December 12, 2023 Study Session
 - c. December 19, 2023 Regular Meeting
4. **Public Comments**
5. **Reports**
6. **Establishment of Consent Agenda**
7. **Approval of Consent Agenda**
 - a. Approval of Warrant List Dated November 3, 2023 - November 16, 2023
 - b. Resolution No. R-101-2023: Approving a Fifth Amendment to a License Agreement with New Cingular Wireless PCS, LLC (Adoption)
8. **Ordinances and Resolutions**
 - a. Public Hearing - FY 2024 Village Budget
 - i. Resolution No. R-98-2023: Adopting the Annual Budget for the Fiscal Year Beginning January 1, 2024 and Ending December 31, 2024 (Introduction)
 - ii. Resolution No. R-99-2023: Amending General, Building, and Miscellaneous Service Fees (Introduction)
 - iii. Resolution No. R-100-2023: Establishing Rates and Fees Related to Utility Services (Introduction)
 - iv. Ordinance No. MC-11-2023: Amending Title 15 of the Winnetka Village Code Concerning Building Permit Fees and Bonds (Introduction)
 - b. Property Tax Levy and Abatement Ordinances

NOTICE

All agenda materials are available at [villageofwinnetka.org](https://www.villageofwinnetka.org) (Governance > Agendas & Minutes); the Reference Desk at the Winnetka Library; or in the Manager's Office at Village Hall (2nd floor).

The Village of Winnetka, in compliance with the Americans with Disabilities Act, requests that all persons with disabilities who require certain accommodations to allow them to observe and/or participate in this meeting or have questions about the accessibility of the meeting or facilities, contact the Village ADA Coordinator, 510 Green Bay Road, Winnetka, Illinois 60093, 847-716-3543; T.D.D. 847-501-6041.

- i. Ordinance No. M-14-2023: 2023 Tax Levy (Introduction)
- ii. Ordinance No. M-15-2023: Directing Cook County to Apply a Loss Collection Factor to Property Tax Levies Commencing with Fiscal Year May, 2023, and Ending on the Thirtieth Day of April, 2024, and Subsequent Years, for the Village of Winnetka (Introduction)
- iii. Ordinance No. M-16-2023: Abating the Tax Heretofore Levied for the Year 2023 to Pay the Principal of and Interest on Taxable General Obligation Refunding Bonds, Series 2020, of the Village of Winnetka, Cook County, Illinois (Introduction)
- c. Ordinance No. M-17-2023: Adopting the Village of Winnetka's Current Paid Leave and Benefits Policy and Opting Out of the Illinois Paid Leave for All Workers Act (820 ILCS 192/1 et seq.) for All Village of Winnetka Employees (Introduction/Adoption)

9. Old Business

10. New Business

11. Appointments

- a. Appoint Trustee Albinson to Hubbard Woods Streetscape Council Liaison

12. Closed Session

13. Adjournment



Agenda Item Executive Summary

TITLE: Approval of Warrant List Dated November 3, 2023 - November 16, 2023

PRESENTER: Robert M. Bahan

AGENDA DATE: November 21, 2023

CONSENT: Yes

ITEM TYPE: Consent Agenda

ITEM HISTORY:

None

EXECUTIVE SUMMARY:

The Warrant List dated November 3, 2023 - November 16, 2023.

RECOMMENDATION:

Consider Approving the Warrant List Dated November 3, 2023 - November 16, 2023.

ATTACHMENTS:

None



Agenda Item Executive Summary

TITLE: Resolution No. R-101-2023: Approving a Fifth Amendment to a License Agreement with New Cingular Wireless PCS, LLC (Adoption)

PRESENTER: Brian Keys

AGENDA DATE: November 21, 2023

CONSENT: Yes

ITEM TYPE: Consent Agenda

ITEM HISTORY:

On August 20, 1996, the Village adopted Resolution No. R-1345-96, a license agreement with AT&T Wireless PCS, Inc. to construct a monopole tower at the Police Station and lease antenna space on the tower and an internal room from the Village for a cellular communications site. In 2005, the wireless company changed its name to New Cingular Wireless PCS, LLC. In 2011 and 2013, New Cingular requested changes to the existing cellular site to increase the speed and capacity of their mobile telephone network. The Village Council adopted Resolutions No.'s R-29-2011 and R-29-2013 respectively, authorizing the first and second amendments to the agreement; permitting the proposed equipment changes. On September 1, 2015, the Village Council adopted Resolution No. R-26-2015 approving a third amendment to the agreement. The Third Amendment extended the agreement period for a period of ten (10) years, fixed the license fee for one year, set the annual fee escalation rate to 3% for subsequent years, increased the latitude provided to New Cingular for equipment changes within the leased room and limited any future supplemental fees assessed for the consideration of equipment changes to an amount not to exceed \$3,000 per request. The Fourth Amendment (Resolution No. R-52-2017) approved the replacement of antennas and equipment to provide faster transfer speeds, higher capacity and fewer dropped calls.

EXECUTIVE SUMMARY:

New Cingular is requesting to make additional changes to the existing cellular equipment located at the Public Safety Building, 410 Green Bay Road. The proposed changes are requested to support their 5G network and to provide customers access to the FirstNet public safety broadband network.

New Cingular is proposing to change out six existing antennas and add three additional antennas along with other changes to remote radio units, amplifiers and coax cabling. Exhibit 1A contains a detailed listing of the proposed equipment changes. In order to accommodate the three additional antennas, the existing mounting design for the antennas is being changed from stand offs to a sector frame. The antennas and mounting frame will be painted the same color as the existing monopole. New Cingular has provided a photo simulation of the monopole with the additional antennas (Exhibit 2A). As part of the New Cingular's submittal, a licensed professional engineer evaluated the structural impact of the proposed installation and affirmed that the additional weight is within structural strength requirements for the monopole and foundation.

The annual license fee is currently \$82,055. With the approval of the amendment, the license fee will increase to \$101,652 for the period of September 1, 2023 through August 31, 2024. For each additional year, the license fee will increase by 4.25%. The annual escalation for the license fee was previously 3.0%. The license fee from the cellular site located at the Public Safety Building is revenue for the General Fund.

Resolution No. R-101-2023, prepared by the Village Attorney, approves the Fifth Amendment substantially in the form provided in Exhibit A and authorizes the Village President to execute and the Village Clerk to attest the Fifth Amendment upon execution of the agreement by New Cingular.

RECOMMENDATION:

Consider adopting Resolution No. R-101-2023, approving the Fifth Amendment to the 1996 Cellular Antenna License Agreement between the Village of Winnetka and New Cingular Wireless, PCS, LLC substantially in the form presented in Exhibit A.

ATTACHMENTS:

1. Resolution No. R-101-2023: Approving a Fifth Amendment to a License Agreement with New Cingular Wireless PCS, LLC

RESOLUTION NO. R-101-2023

**A RESOLUTION
APPROVING A FIFTH AMENDMENT TO A LICENSE AGREEMENT WITH
NEW CINGULAR WIRELESS PCS, LLC**

WHEREAS, the Village of Winnetka (“*Village*”) is a home rule municipality in accordance with Article VII, Section 6 of the Constitution of the State of Illinois of 1970; and

WHEREAS, on August 20, 1996, the Council of the Village of Winnetka (“*Village Council*”) adopted and approved Resolution R-1345-96, approving and authorizing the execution of a license agreement with AT&T Wireless PCS, Inc. (“*License Agreement*”); and

WHEREAS, New Cingular Wireless PCS, LLC (“*Licensee*”) is a successor to AT&T Wireless PCS, Inc., and assumed the License Agreement; and

WHEREAS, the Licensee and the Village have previously amended the License Agreement pursuant to four amendments (collectively, “*Prior Amendments*”); and

WHEREAS, the License Agreement, as amended by the Prior Amendments, permits Licensee to install and maintain communications equipment on a portion of the Village’s property located at 410 Green Bay Road (“*Property*”); and

WHEREAS, Licensee desires to further amend the License Agreement to add additional equipment to the licensed portion of the Property; and

WHEREAS, the Village and Licensee desire to enter into a fifth amendment to the License Agreement (“*Fifth Amendment*”) to allow Licensee to replace and install the additional equipment; and

WHEREAS, the Village Council has determined that it is in the best interest of the Village to enter into the Fifth Amendment with Licensee;

NOW, THEREFORE, BE IT RESOLVED by the Council of the Village of Winnetka, Cook County, Illinois, as follows:

SECTION 1: RECITALS. The Village Council adopts the foregoing recitals as its findings, as if fully set forth herein.

SECTION 2: APPROVAL OF FIFTH AMENDMENT. The Village Council approves the Fifth Amendment in substantially the form attached to this Resolution as **Exhibit A**, and in a final form approved by the Village Attorney and Village Manager.

SECTION 3: AUTHORIZATION TO EXECUTE FIFTH AMENDMENT. The Village Council authorizes the Village President to execute, and the Village Clerk to attest, the

final Fifth Amendment only after receipt by the Village Clerk of at least two executed copies of the final Fifth Amendment from Licensee; provided, however, that if the Village Clerk does not receive such executed copies of the final Fifth Amendment from Licensee within 60 days after the date of adoption of this Resolution, then this authority to execute and seal the final Fifth Amendment will, at the option of the Village Council, be null and void.

SECTION 4: EFFECTIVE DATE. This Resolution will be in full force and effect from and after its passage and approval according to law.

ADOPTED this 21st day of November, 2023, pursuant to the following roll call vote:

AYES: _____
NAYS: _____
ABSENT: _____
ABSTAIN: _____

Signed

Village President

Countersigned:

Village Clerk

EXHIBIT A
FIFTH AMENDMENT

Cell Site No.: IL1340
Cell Site Name: WINNETKA FIRE STATION
Fixed Asset No.: 10095256
Market: IL/WI
Address: 410 Green Bay Road

FIFTH AMENDMENT TO WINNETKA LICENSE AGREEMENT

THIS FIFTH AMENDMENT TO WINNETKA LICENSE AGREEMENT ("*Fifth Amendment*"), dated as of this 1st day of September, 2023, ("*Effective Date*"), is by and between the **VILLAGE OF WINNETKA**, an Illinois home rule municipal corporation ("*Village*"), and **NEW CINGULAR WIRELESS PCS, LLC**, a Delaware limited liability company ("*Licensee*").

NOW THEREFORE, in consideration of the recitals, mutual covenants, and agreements set forth herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties do hereby mutually agree as follows:

SECTION 1. RECITALS.

A. The Village is the owner of the property commonly known as 410 Green Bay Road in the Village and legally described in **Exhibit 1** to this Fifth Amendment ("*Property*").

B. The Property is improved with the Building and the Tower.

C. The Village and New Cingular Wireless PCS, LLC, a Delaware limited liability company (a predecessor in interest to Licensee) entered into a Winnetka License Agreement dated August 20, 1996 ("*Original Agreement*"), pursuant to which the Village granted Licensee a limited and non-exclusive license to install and maintain certain telecommunications equipment on the Licensed Premises, including located in the Building and on the Tower ("*License*").

D. On November 3, 2011, the Village and the Licensee entered into that certain "First Amendment to 1996 License Agreement" ("*First Amendment*"), which, among other things, amended the Original Agreement to provide Licensee the permission to alter the Licensee Facilities and License Fee.

E. On October 28, 2013, the Village and the Licensee entered into that certain "Second Amendment to 1996 License Agreement" ("*Second Amendment*"), which, among other things, amended the Original Agreement to provide Licensee permission to alter the Licensee Facilities and License Fee.

F. On October 27, 2015, the Village and the Licensee entered into that certain "Third Amendment to Winnetka License Agreement" ("*Third Amendment*"), which, among other things, further amended the Original Agreement to extend the term of the Agreement, increase the License Fee, and provide permission to Licensee to modify the Licensee Facilities.

G. On August 1, 2017, the Village and the Licensee entered into that certain "Fourth Amendment to Winnetka License Agreement" ("*Fourth Amendment*") (the Original Agreement as amended by the First Amendment, Second Amendment, Third Amendment, and Fourth

Amendment is the “**Agreement**”), which, among other things, further amended the Original Agreement to extend the term of the Agreement, increase the License Fee, and provide permission to Licensee to modify the Licensee Facilities.

H. The Licensee now desires to further amend the Agreement to further modify the Licensee Facilities to support the Licensee’s 5G cellular network and to provide its customers access to the FirstNet public safety broadband network.

SECTION 2. DEFINITIONS; RULES OF CONSTRUCTION.

A. Definitions. All capitalized words and phrases used throughout this Fifth Amendment have the meanings set forth in the various provisions of this Fifth Amendment. If a word or phrase is not specifically defined in this Fifth Amendment, it has the same meaning as in the Agreement.

B. Rules of Construction. Except as specifically provided in this Fifth Amendment, all terms, provisions and requirements contained in the Agreement remain unchanged and in full force and effect. In the event of a conflict between the text of the Agreement and the text of this Fifth Amendment, the text of this Fifth Amendment controls.

SECTION 3. AMENDMENT OF LICENSE AGREEMENT.

The Village and the Licensee hereby agree that the Agreement is hereby amended as follows:

A. Licensee Facilities. The definition of “Licensee Facilities” set forth in Section 1, titled “Definitions,” of the Agreement is hereby deleted in its entirety and replaced with the following:

“The equipment, hardware, and other personal property owned by the Licensee and depicted on the Construction Plans in **Exhibit 2** of the Fifth Amendment, which by this reference, is made a part of this License Agreement. The Licensee Facilities do not include the Tower or any antennas or other equipment installed for police, fire, or other municipal communications or any of the Licenser Requirements specified in Exhibit B hereto.”

B. Licensed Premises. The definition of “Licensed Premises” set forth in Section 1, titled “Definitions,” of the Agreement is hereby deleted in its entirety and replaced with the following:

“Those certain locations on and within the Building and the Tower depicted on **Exhibit 3** of the Fifth Amendment, which by this reference, is made a part of this License Agreement.”

C. License Fee. Section 6 of the Agreement, titled “License Fee,” is hereby deleted in its entirety and replaced with the following:

“6. License Fee. In consideration for the License granted by the Village pursuant to this Agreement, Licensee must pay the Village for the period beginning September 1, 2023 until the end of the Term, an annual license fee of \$101,652 (***“License Fee”***), which License Fee shall (i) be due on December 1, 2023; and (ii) for each year after the Term year ending August 31, 2024, increase by 4.25 percent over the License Fee charged in the immediately preceding Term year.”

SECTION 4. NO ALTERATION WITHOUT VILLAGE APPROVAL.

Notwithstanding anything to the contrary in the Agreement or this Fifth Amendment, Licensee may not alter or add any Licensee Facilities without the prior written approval of the Village.

SECTION 5. REIMBURSEMENT OF VILLAGE COSTS.

In addition to any other costs, payments, fees, charges, contributions, or dedications required under applicable Village codes, ordinances, resolutions, rules, or regulations, the Licensee shall pay to the Village, no later than 45 days after receipt by the Licensee of a written demand or demands therefor from the Village, all legal fees, costs, and expenses incurred or accrued in connection with the negotiation, preparation, consideration, and review of this Fifth Amendment, up to the amount of \$1,000.00 in addition to any other costs, payments, fees, charges, contributions, or dedications required under applicable Village codes, ordinances, resolutions, rules, or regulations. Payment of all such fees, costs, and expenses for which demand has been made shall be made by a certified or cashier’s check.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF the parties hereto have caused this Fifth Amendment to be executed, effective as of the date first written above.

ATTEST:

VILLAGE OF WINNETKA,
an Illinois home rule municipal corporation

Robert M. Bahan, Village Clerk

By: _____
Christopher Rintz
Its: Village President

ATTEST:

NEW CINGULAR WIRELESS PCS, LLC
a Delaware limited liability company
By: AT&T Mobility Corporation
Its: Manager

By: _____

By: _____

Its: _____

Its: _____

LICENSOR ACKNOWLEDGEMENT

STATE OF _____)
SS.
COUNTY OF _____)

I certify that I know or have satisfactory evidence that _____
is the person who appeared before me, and said person acknowledged that said person signed this
instrument, on oath stated that said person was authorized to execute the instrument and
acknowledged it as the **Village President** of the **Village of Winnetka**, an Illinois home rule
municipality, to be the free and voluntary act of such party for the uses and purposes mentioned
in the instrument.

DATED: _____

Notary Public

LICENSEE ACKNOWLEDGEMENT

STATE OF _____)
SS.
COUNTY OF _____)

I certify that I know or have satisfactory evidence that _____
is the person who appeared before me, and said person acknowledged that he/she signed this
instrument, on oath stated that he/she was authorized to execute the instrument and
acknowledged it as the _____, of AT&T Mobility Corporation,
the Manager of New Cingular Wireless PCS, LLC, a Delaware limited liability company, to be
the free and voluntary act of such party for the uses and purposes mentioned in the instrument.

DATED: _____

Notary Public

EXHIBIT 1
LEGAL DESCRIPTION OF PROPERTY

The Land is described and/or depicted as follows:

Block 50 in Winnetka, being a subdivision of the northeast quarter of Section 20 and the north half of fractional Section 21, Township 42 North, Range 13, East of the Third Principal Meridian, according to the plat thereof recorded in the Recorder's office in Book 5 of Plats, at Page 78, as Document number 119381, (except that part lying northeasterly of and adjoining a line drawn parallel with and 75 feet southwesterly from, as measured at right angles to the southwesterly line and said line extended, of the right of way of Chicago and Northwestern Railroad Company also except the north 33 feet, taken for Cherry Street, the west 33 feet, taken for Ridge Avenue, and the south 33 feet, taken for Ash Street, all in the Village of Winnetka, Cook County, Illinois;

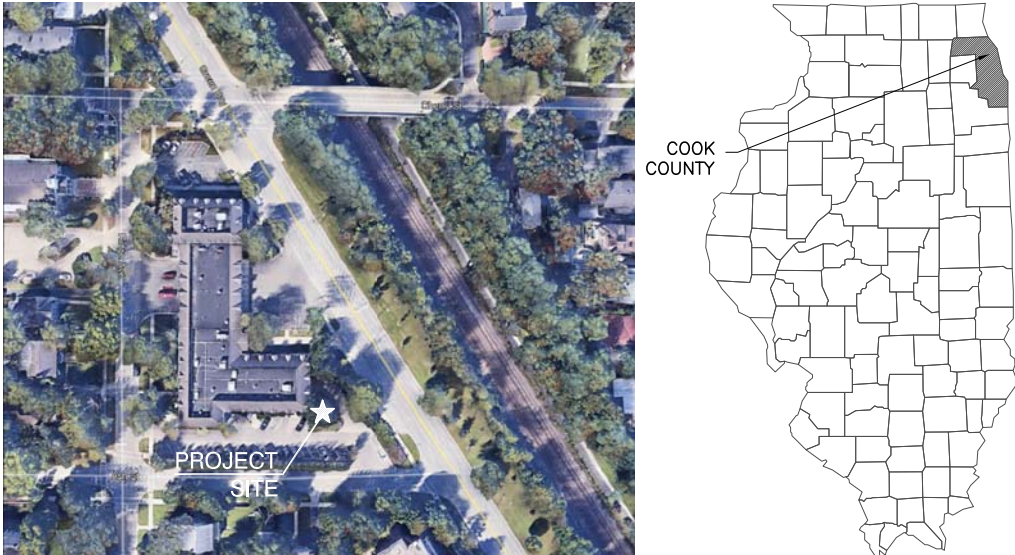
and otherwise known as 410 Green Bay, Winnetka, IL.

Cell Site No.: IL1340
Cell Site Name: WINNETKA FIRE STATION
Fixed Asset No.: 10095256
Market: IL/WI
Address: 410 Green Bay Road

EXHIBIT 2
CONSTRUCTION PLANS



SITE NUMBER: IL1340
SITE NAME: WINNETKA FIRE STATION
PROJECT: 5G NR 1SR CBAND
FA CODE: 10095256
PTN # : 3301A0XK62
PACE ID: MRCHI056772
SITE ADDRESS: 410 NORTH GREEN BAY ROAD
WINNETKA, IL 60093

PROJECT INFORMATION		VICINITY MAP		SCOPE OF WORK		DRAWING INDEX																																																			
APPLICANT: AT&T 930 NATIONAL PARKWAY SCHAUMBURG, IL 60173 FA CODE: 10095256 PROPOSED USE: TELECOMMUNICATIONS FACILITY STRUCTURE TYPE: MONOPOLE PROPERTY OWNER: VILLAGE OF WINNETKA 510 GREEN BAY ROAD WINNETKA, IL 60093 CONTACT PERSON: (847) 501-6000 JURISDICTION: VILLAGE OF WINNETKA LATITUDE: 42° 6' 9" N/42.1025000 LONGITUDE: 87° 43' 51.99996" W/-87.7311111 LAT/ LONG TYPE: NAD 83 GROUND ELEVATION: TBD POWER COMPANY: COMED PHONE: (800) 334-7661 TELEPHONE COMPANY: AT&T PHONE: (800) 257-0902		DIRECTION: (FROM O'HARE INTERNATIONAL AIRPORT) DEPART CHICAGO O'HARE INTERNATIONAL AIRPORT ON I-190 (WEST). TURN RIGHT ONTO RAMP. TURN RIGHT (SOUTH) ONTO BESSIE COLEMAN DR. TAKE RAMP (RIGHT) ONTO I-190. TAKE RAMP (LEFT) ONTO I-294. TURN RIGHT ONTO RAMP. WILLOW RD*TOLL ROAD. BEAR RIGHT (EAST) ONTO WILLOW RD. ROAD NAME CHANGES TO NEW WILLOW RD [WILLOW RD]. ROAD NAME CHANGES TO WILLOW RD. TURN LEFT (NORTH-WEST) ONTO GREEN BAY RD. ARRIVE AT SITE. 		EXISTING EQUIPMENT TO BE REMOVED: - REMOVE (3) EXISTING STAND-OFF ARMS. - REMOVE (6) EXISTING ANTENNAS POS.1 & POS.4 (TYP.2 PER SECTOR) - REMOVE (6) EXISTING RRUS11 FROM EQUIPMENT ROOM (TYP.2 PER SECTOR) - REMOVE (6) EXISTING 1-5/8" COAX (NOT IN USE) - REMOVE EXISTING DC POWER PLANT - REMOVE (3) EXISTING TMA's. - DECOM UMTS 850 FROM TOWER W/ ALL RELATED EQUIPMENTS NEW EQUIPMENT TO BE INSTALLED: - INSTALL (3) NEW SECTOR FRAMES (TYP.1 PER SECTOR) - INSTALL NEW DC POWER PLANT NETSURE 7100 -48V. - INSTALL (9) NEW ANTENNAS ON (9) NEW PIPES (TYP.3 PER SECTOR) - INSTALL (3) NEW FNET 700 RRUS 4478 B14 (TYP.1 PER SECTOR) - INSTALL (3) NEW DB RRUS 4449 B5/B12 (TYP.1 PER SECTOR) - INSTALL (3) NEW DB RRUS 8843 B2/B66A (TYP.1 PER SECTOR) - INSTALL (1) NEW FIBER CABLE & (6) NEW #6AWG DC POWER CABLES - INSTALL (2) NEW DC9 SQUIDS - INSTALL (1) NEW 6648, (2) 6630 & (1) NEW DC12 ON FIF RACK		<table><thead><tr><th>SHEET</th><th>DESCRIPTION</th></tr></thead><tbody><tr><td>IL1340-01</td><td>TITLE SHEET 1 2</td></tr><tr><td>IL1340-02</td><td>GENERAL NOTES</td></tr><tr><td>IL1340-03</td><td>ELECTRICAL AND GROUNDING NOTES</td></tr><tr><td>IL1340-04</td><td>OVERALL SITE PLAN</td></tr><tr><td>IL1340-05</td><td>SITE PLAN</td></tr><tr><td>IL1340-06</td><td>ELEVATION 3 1</td></tr><tr><td>IL1340-07</td><td>ANTENNAS LAYOUT 2</td></tr><tr><td>IL1340-08</td><td>EQUIPMENT LAYOUT</td></tr><tr><td>IL1340-09</td><td>RRUS SPECIFICATIONS</td></tr><tr><td>IL1340-10</td><td>ANTENNA MATRIX</td></tr><tr><td>IL1340-11</td><td>COAX COLOR CODING</td></tr><tr><td>IL1340-12</td><td>FIBER-OPTIC JUMPER COLOR CODING</td></tr></tbody></table>		SHEET	DESCRIPTION	IL1340-01	TITLE SHEET 1 2	IL1340-02	GENERAL NOTES	IL1340-03	ELECTRICAL AND GROUNDING NOTES	IL1340-04	OVERALL SITE PLAN	IL1340-05	SITE PLAN	IL1340-06	ELEVATION 3 1	IL1340-07	ANTENNAS LAYOUT 2	IL1340-08	EQUIPMENT LAYOUT	IL1340-09	RRUS SPECIFICATIONS	IL1340-10	ANTENNA MATRIX	IL1340-11	COAX COLOR CODING	IL1340-12	FIBER-OPTIC JUMPER COLOR CODING																								
SHEET	DESCRIPTION																																																								
IL1340-01	TITLE SHEET 1 2																																																								
IL1340-02	GENERAL NOTES																																																								
IL1340-03	ELECTRICAL AND GROUNDING NOTES																																																								
IL1340-04	OVERALL SITE PLAN																																																								
IL1340-05	SITE PLAN																																																								
IL1340-06	ELEVATION 3 1																																																								
IL1340-07	ANTENNAS LAYOUT 2																																																								
IL1340-08	EQUIPMENT LAYOUT																																																								
IL1340-09	RRUS SPECIFICATIONS																																																								
IL1340-10	ANTENNA MATRIX																																																								
IL1340-11	COAX COLOR CODING																																																								
IL1340-12	FIBER-OPTIC JUMPER COLOR CODING																																																								
PROJECT CONSULTANTS		HANDICAPPED REQUIREMENTS FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAP ACCESS REQUIREMENTS NOT REQUIRED PLUMBING REQUIREMENTS FACILITY HAS NO PLUMBING FIRE PROTECTION NOTE BUILDING HAS EXISTING SPRINKLER SYSTEM		CODE COMPLIANCE - VILLAGE OF WINNETKA 2015 INTERNATIONAL BUILDING CODE 2014 NATIONAL ELECTRICAL CODE - TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) 222-H 		THESE DRAWINGS ARE PREPARED BASED ON RFDS DATED 09/21/2022 REVISION # V1.0 GENERAL CONTRACTOR TO VERIFY AND INCORPORATE MOST RECENT VERSION OF RFDS PRIOR TO CONSTRUCTION. DO NOT SCALE DRAWINGS CONTRACTOR SHALL VERIFY ALL PLANS & EXISTING DIMENSIONS & CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ARCHITECT OR ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME. I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED UNDER MY DIRECT SUPERVISION AND TO THE BEST OF MY PROFESSIONAL KNOWLEDGE THEY COMPLY WITH THE REQUIREMENT OF ALL APPLICABLE CODES AND ORDINANCES. DATE: 09/21/23 RAJESH K. GOYAL, S.E.; P.E. ILLINOIS S.E. LICENSE [REDACTED] EXPIRES 11-30-2022																																																			
 MasTec Network Solutions 1351 E. Irving Park Rd Itasca, IL 60143		 Apex Engineers, Inc. Structural & Civil Engineers 500 East 22nd Street, Suite B Lombard, Illinois 60148 Ph. (630) 627-1800 Fax. (630) 627-1165 APEX JOB No. GT08-205		WINNETKA FIRE STATION SITE NO. IL1340 8410 NORTH GREEN BAY ROAD WINNETKA, IL 60093		 AT&T Mobility		<table><tr><td>3</td><td>09/21/23</td><td>REVISED PER COMMENTS</td><td>YA</td><td>SC</td><td>RG</td></tr><tr><td>2</td><td>05/09/23</td><td>FINAL CDs REVISED PER NEW SCOPING</td><td>YA</td><td>SC</td><td>RG</td></tr><tr><td>1</td><td>05/23/22</td><td>FINAL CDs REVISED PER COMMENTS</td><td>YA</td><td>PB</td><td>RG</td></tr><tr><td>0</td><td>11/05/21</td><td>FINAL CDs ISSUED FOR CONSTRUCTION</td><td>YA</td><td>PB</td><td>RG</td></tr><tr><td>B</td><td>10/28/21</td><td>REVISED PER NEW RFDS</td><td>YA</td><td>PB</td><td>RG</td></tr><tr><td>NO.</td><td>DATE</td><td>REVISIONS</td><td>BY</td><td>CHK</td><td>APP'D</td></tr><tr><td colspan="2">SCALE: AS SHOWN</td><td>DESIGNED BY: XX</td><td colspan="3">DRAWN BY: XX</td></tr></table>		3	09/21/23	REVISED PER COMMENTS	YA	SC	RG	2	05/09/23	FINAL CDs REVISED PER NEW SCOPING	YA	SC	RG	1	05/23/22	FINAL CDs REVISED PER COMMENTS	YA	PB	RG	0	11/05/21	FINAL CDs ISSUED FOR CONSTRUCTION	YA	PB	RG	B	10/28/21	REVISED PER NEW RFDS	YA	PB	RG	NO.	DATE	REVISIONS	BY	CHK	APP'D	SCALE: AS SHOWN		DESIGNED BY: XX	DRAWN BY: XX			AT&T MOBILITY TITLE SHEET <table><tr><td>DRAWING NUMBER</td><td>REV</td></tr><tr><td>IL1340-01</td><td>3</td></tr></table>		DRAWING NUMBER	REV	IL1340-01	3
3	09/21/23	REVISED PER COMMENTS	YA	SC	RG																																																				
2	05/09/23	FINAL CDs REVISED PER NEW SCOPING	YA	SC	RG																																																				
1	05/23/22	FINAL CDs REVISED PER COMMENTS	YA	PB	RG																																																				
0	11/05/21	FINAL CDs ISSUED FOR CONSTRUCTION	YA	PB	RG																																																				
B	10/28/21	REVISED PER NEW RFDS	YA	PB	RG																																																				
NO.	DATE	REVISIONS	BY	CHK	APP'D																																																				
SCALE: AS SHOWN		DESIGNED BY: XX	DRAWN BY: XX																																																						
DRAWING NUMBER	REV																																																								
IL1340-01	3																																																								

GENERAL NOTES

1. FOR THE PURPOSE OF CONSTRUCTION DRAWING, THE FOLLOWING DEFINITIONS SHALL APPLY:

OWNER

CONTRACTOR

LANDLORD

PROJECT MANAGER

OEM

—

—

—

—

—

AT&T

GENERAL CONTRACTOR (CONSTRUCTION)

BUILDING/PROPERTY OWNER

OWNER'S FIELD REPRESENTATIVE

ORIGINAL EQUIPMENT MANUFACTURER
2. PRIOR TO THE SUBMISSION OF BIDS, THE BIDDING CONTRACTOR SHALL VISIT THE CELL SITE TO FAMILIARIZE WITH THE EXISTING CONDITIONS AND TO CONFIRM THAT THE WORK CAN BE ACCOMPLISHED AS SHOWN ON THE CONSTRUCTION DRAWINGS. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO THE ATTENTION OF OWNER'S REPRESENTATIVE.
3. ALL EXISTING UTILITIES, FACILITIES, CONDITIONS AND THEIR DIMENSIONS SHOWN ON PLANS HAVE BEEN PLOTTED FROM AVAILABLE RECORDS. THE ARCHITECT/ENGINEER AND OWNER ASSUME NO RESPONSIBILITY WHATSOEVER AS TO THE SUFFICIENCY OR ACCURACY OF THE INFORMATION SHOWN ON THE PLANS OR THE MANNER OF THEIR REMOVAL OR ADJUSTMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING EXACT LOCATION OF ALL SAID UTILITIES AND FACILITIES PRIOR TO START OF CONSTRUCTION. CONTRACTOR SHALL ALSO OBTAIN FROM EACH UTILITY COMPANY DETAILED INFORMATION RELATIVE TO WORKING SCHEDULES AND METHODS OF REMOVING OR ADJUSTING AFFECTED UTILITIES.
4. THE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO BE FULLY EXPLANATORY AND COMPLIMENTARY. HOWEVER, SHOULD ANYTHING BE SHOWN, INDICATED OR SPECIFIED ON ONE AND NOT THE OTHER, IT SHALL BE THE SAME AS IF SHOWN, INDICATED OR SPECIFIED IN BOTH.
5. THE INTENTION OF DRAWINGS AND SPECIFICATIONS IS TO INCLUDE ALL LABOR AND MATERIALS REASONABLY NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK AS INDICATED IN THE DOCUMENTS.
6. OWNER FURNISHED EQUIPMENT/ MATERIALS SHALL BE PICKED UP AT THE OWNER'S WAREHOUSE, INSURED, STORED, UNCRATED, PROTECTED AND INSTALLED BY THE CONTRACTOR WITH ALL THE APPURTENANCES REQUIRED TO PLACE THE EQUIPMENT IN OPERATION, READY FOR USE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EQUIPMENT AFTER PICKING UP.
7. ALL EQUIPMENT FURNISHED AND WORK PERFORMED UNDER THE CONTRACT DOCUMENTS SHALL BE GUARANTEED AGAINST DEFECTS IN MATERIALS OR WORKMANSHIP AS SPECIFIED PER OWNERS CONTRACT FROM THE DATE OF FINAL ACCEPTANCE, UNLESS NOTED OTHERWISE. ANY FAILURE OF EQUIPMENT OR WORK DUE TO DEFECTS IN MATERIALS OR WORKMANSHIP SHALL BE CORRECTED BY THE CONTRACTOR AT NO COST TO THE OWNER.
8. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. CONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK.
9. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
10. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH OEM'S RECOMMENDATIONS & OWNERS SPECIFICATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
11. IF THE SPECIFIED EQUIPMENT CANNOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION FOR APPROVAL BY THE OWNER.
12. FOR CLARITY OF ALL PLANS, SOME EQUIPMENT CONDUIT AND WIRE HAS NOT BEEN SHOWN. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FURNISH AND INSTALL COMPLETE AND OPERATING SYSTEMS INCLUDING ALL CONDUITS NAD WIRING. CONTRACTOR SHALL DETERMINE ACTUAL ROUTING OF CONDUIT, POWER AND FIBER CABLES, GROUNDING CABLES AS SHOWN ON THE POWER, GROUNDING AND FIBER PLAN DRAWING.
13. THE CONTRACTOR SHALL COORDINATE ALL SITE WORK WITH LOCAL OR OTHER UTILITY COMPANIES HAVING JURISDICTION OVER THIS SITE & IS RESPONSIBLE FOR COORDINATING ALL REQUIRED INSPECTIONS.
14. THE CONTRACTOR SHALL AT ALL TIMES DURING CONSTRUCTION MAINTAIN THE UTILITIES OF THE BUILDINGS/SITE WITHOUT INTERRUPTION. SHOULD IT BE NECESSARY TO INTERRUPT ANY SERVICE OR UTILITY, THE CONTRACTOR SHALL SECURE PERMISSION IN WRITING FROM THE LANDLORD FOR SUCH INTERRUPTION AT LEAST 72 HOURS IN ADVANCE. ANY INTERRUPTION SHALL BE MADE WITH A MINIMUM AMOUNT OF INCONVENIENCE TO THE LANDLORD AND ANY SUCH SHUTDOWN TIME SHALL BE COORDINATED WITH THE LANDLORD.
15. THE CONTRACTOR SHALL COORDINATE AND REVIEW THE ELECTRICAL CHARACTERISTICS, AMPACITY AND OTHER REQUIREMENTS OF ALL EQUIPMENT PRIOR TO INSTALLATION.
16. THE CONTRACTOR SHALL COORDINATE THE LOCATIONS OF CONDUIT ROUTING, EQUIPMENT, LIGHTING, ETC. WITH ALL OTHER TRADES IN THE FIELD PRIOR TO INSTALLATION.
17. PROVIDE ALL TEMPORARY WIRING FOR ALL TRADES FOR CONSTRUCTION EQUIPMENT (i.e. HANDTOOLS, WELDERS, PIPE BENDERS, ETC.) AND CONSTRUCTION LIGHTING PER THE LATEST OSHA STANDARDS. INCLUDE ALL COSTS IN THE BASE BID. THE CONTRACTOR SHALL ESTABLISH SAFE WORKING PROCEDURES FOR THE PROTECTION OF THE WORKMEN IN ALL PHASES OF THE WORK, COMPLYING WITH THE APPLICABLE PROVISIONS OF ALL CITY, STATE AND FEDERAL SAFETY LAWS.
18. THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF OWNER.
19. CONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS FROM THE EXISTING FACILITY AND HOWEVER SHALL RETURN ALL REMOVED COAX LINES, ANTENNAS, RADIOS, DI-PLEXERS, EQUIPMENT CABINETS, PLINTHS ETC TO THE OWNER'S DESIGNATED LOCATION.
20. CONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION.
21. THE CONTRACTOR SHALL SUBMIT AT THE END OF THE PROJECT A COMPLETE SET OF AS-BUILT DRAWINGS TO THE OWNER'S PROJECT MANAGER.

SITE WORK GENERAL NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES PRIOR TO COMMENCING CONSTRUCTION ACTIVITY. TRENCHES IN PUBLIC ROADS, RIGHT OF WAYS AND PRIVATE PROPERTY SHALL BE EXCAVATED IN SUCH A MANNER THAT NO DAMAGE TO A UTILITY IS LIKELY TO OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY AND IF NECESSARY REPAIR OF ALL PUBLIC UTILITY SERVICES SUCH AS GAS, ELECTRICITY, WATER, TELEPHONE, AND THE LIKE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PAYMENT OF ALL FINES ASSOCIATED WITH INTERRUPTION OF EXISTING UTILITIES.
2. THE CONTRACTOR SHALL TAKE ALL REASONABLE MEASURES TO PROTECT EXISTING STRUCTURES, UTILITIES, WALKWAYS, PAVEMENTS, AND OTHER FACILITIES FROM DAMAGE DURING CONSTRUCTION OPERATIONS.
3. DO NOT INTERRUPT EXISTING UTILITIES SERVING THE LANDLORD OR OTHERS WITHOUT WRITTEN PERMISSION FROM THE LANDLORD AND APPROVAL FROM THE PROJECT MANAGER. PROVIDE 72 HOUR NOTIFICATION TO THE LANDLORD AND PROJECT MANAGER PRIOR TO INTERRUPTION OF EXISTING UTILITIES AND ONLY AFTER MAKING PROVISION FOR TEMPORARY UTILITY SERVICES. RELOCATE EXISTING UTILITIES AS DIRECTED ON THE CONSTRUCTION PLANS.
4. SAFETY MEASURES WILL BE REQUIRED OF THE CONTRACTOR TO PROTECT ALL PERSONNEL DURING CONSTRUCTION. CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW. THIS WILL INCLUDE BUT NOT BE LIMITED TO A) FALL PROTECTION B) CONFINED SPACE C) ELECTRICAL SAFETY D) TRENCHING & EXCAVATION.
5. THE CONTRACTOR SHALL GIVE NOTICES AND COMPLY WITH APPLICABLE LAWS, ORDINACES, RULES, REGULATIONS AND LAWFUL ORDERS OF PUBLIC AUTHORITIES BEARING ON SAFETY OF PERSONS AND PROPERTY AND THEIR PROTECTION FROM DAMAGE, INJURY OR LOSS. THE CONTRACTOR SHALL PROMPTLY REMEDY DAMAGE AND LOSS TO PROPERTY AT THE SITE CAUSED IN WHOLE OR IN PART BY THE CONTRACTOR OR ANYONE DIRECTLY OR INDIRECTLY EMPLOYED BY HIM.
6. THE CONTRACTOR SHALL PROVIDE SITE SIGNAGE IN ACCORDANCE WITH THE TECHNICAL SPECIFICATION FOR SITE SIGNAGE.
7. ALL SITE WORK SHALL BE AS INDICATED ON THE DRAWINGS AND PROJECT SPECIFICATIONS.
8. THE CONTRACTOR SHALL MEET WITH LANDLORD PRIOR TO CONSTRUCTION AND OBTAIN APPROVAL TO USE OF AREAS FOR PARKING AND ACCESS TO SITE. THE CONTRACTOR SHALL LIMIT USE OF SITE FOR WORK AND STORAGE WITHIN A REASONABLE PERIPHERY OF SCOPE OF THE WORK.

MasTec
Network Solutions
1351 E. Irving Park Rd
Itasca, IL 60143



Apex Engineers, Inc.
Structural & Civil Engineers
500 East 22nd Street, Suite B
Lombard, Illinois 60148
Ph. (630) 627-1800
Fax. (630) 627-1165

APEX JOB No. GT08-205

WINNETKA FIRE STATION
SITE NO. IL1340

8410 NORTH GREEN BAY ROAD
WINNETKA, IL 60093



AT&T
Mobility

3	09/21/23	REVISED PER COMMENTS	YA	SC	RG
2	05/09/23	FINAL CDs REVISED PER NEW SCOPING	YA	SC	RG
1	05/23/22	FINAL CDs REVISED PER COMMENTS	YA	PB	RG
0	11/05/21	FINAL CDs ISSUED FOR CONSTRUCTION	YA	PB	RG
B	10/28/21	REVISED PER NEW RFDS	YA	PB	RG
NO.	DATE	REVISIONS	BY	CHK	APP'D
SCALE: AS SHOWN		DESIGNED BY: XX	DRAWN BY: XX		

AT&T MOBILITY

GENERAL NOTES

DRAWING NUMBER

IL1340-02

REV

3

ELECTRICAL INSTALLATION NOTES:

1.

ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, NEC AND ALL APPLICABLE LOCAL CODES.
2.

CONDUIT ROUTINGS ARE SCHEMATIC. CONTRACTOR SHALL INSTALL CONDUITS SO THAT ACCESS TO EQUIPMENT IS NOT BLOCKED.
3.

WIRING, RACEWAY AND SUPPORT METHODS AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE NEC CODE.
4.

ALL CIRCUITS SHALL BE SEGREGATED AND MAINTAIN MINIMUM CABLE SEPARATION AS REQUIRED BY THE NEC CODE.
5.

CABLES SHALL NOT BE ROUTED THROUGH LADDER–STYLE CABLE TRAY RUNGS.
6.

EACH END OF EVERY POWER, POWER PHASE CONDUCTOR (I.E., HOTS), GROUNDING, AND T1 CONDUCTOR AND CABLE SHALL BE LABELED WITH COLOR–CODED INSULATION OR ELECTRICAL TAPE (3M BRAND, 1/2 INCH PLASTIC ELECTRICAL TAPE WITH UV PROTECTION, OR EQUAL). THE IDENTIFICATION METHOD SHALL CONFORM WITH NEC & OSHA.
7.

ALL ELECTRICAL COMPONENTS SHALL BE CLEARLY LABELED WITH ENGRAVED LAMACOID PLASTIC LABELS. ALL EQUIPMENT SHALL BE LABELLED WITH THEIR VOLTAGE RATING, PHASE CONFIGURATION, WIRE CONFIGURATION, POWER OR AMPACITY RATING, AND BRANCH CIRCUIT ID NUMBERS (I.E., PANEL BOARD AND CIRCUIT ID’S).
8.

PANELBOARDS (ID NUMBERS) AND INTERNAL CIRCUIT BREAKERS (CIRCUIT ID NUMBERS) SHALL BE CLEARLY LABELLED WITH ENGRAVED LAMACOID PLASTIC LABELS.
9.

ALL TIE WRAPS SHALL BE CUT FLUSH WITH APPROVED CUTTING TOOL TO REMOVE SHARP EDGES.
10.

POWER, CONTROL, AND EQUIPMENT GROUND WIRING IN TUBING OR CONDUIT SHALL BE SINGLE CONDUCTOR (#14 AWG OR LARGER), 600 V, OIL RESISTANT THHN OR THWN–2, CLASS B STRANDED COPPER CABLE RATED FOR 90 °C (WET AND DRY) OPERATION; LISTED OR LABELLED FOR THE LOCATION AND RACEWAY SYSTEM USED, UNLESS OTHERWISE SPECIFIED.
11.

SUPPLEMENTAL EQUIPMENT GROUND WIRING LOCATED INDOORS SHALL BE SINGLE CONDUCTOR (#6 AWG OR LARGER), 600V, OIL RESISTANT THHN OR THWN–2 GREEN INSULATION, CLASS B STRANDED COPPER CABLE RATED FOR 90 °C (WET AND DRY) OPERATION; LISTED OR LABELLED FOR THE LOCATION AND RACEWAY SYSTEM USED, UNLESS OTHERWISE SPECIFIED.
12.

POWER AND CONTROL WIRING, NOT IN TUBING OR CONDUIT, SHALL BE MULTI–CONDUCTOR, TYPE TC CABLE (#14 AWG OR LARGER), 600V, OIL RESISTANT THHN OR THWN–2, CLASS B STRANDED COPPER CABLE RATED FOR 90 °C (WET AND DRY) OPERATION; WITH OUTER JACKET; LISTED OR LABELLED FOR THE LOCATION USED, UNLESS OTHERWISE SPECIFIED.
13.

ALL POWER AND GROUNDING CONNECTIONS SHALL BE CRIMP–STYLE, COMPRESSION WIRE LUGS AND WIRENUTS BY THOMAS AND BETTS (OR EQUAL). LUGS AND WIRENUTS SHALL BE RATED FOR OPERATION AT NO LESS THAN 75°C (90°C IF AVAILABLE).
14.

RACEWAY AND CABLE TRAY SHALL BE LISTED OR LABELLED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE, AND NEC.
15.

GALVANIZED STEEL RIGID METALLIC CONDUIT (RMC) SHALL BE USED FOR OUTDOOR LOCATIONS ABOVE GRADE. EMT SHALL BE USED FOR INTERIOR RUNS ONLY.
16.

RIGID NONMETALLIC CONDUIT (I.E., RIGID PVC SCHEDULE 40 OR RIGID PVC SCHEDULE 80) SHALL BE USED UNDERGROUND; DIRECT BURIED, IN AREAS OF OCCASIONAL LIGHT VEHICLE TRAFFIC OR ENCASED IN REINFORCED CONCRETE IN AREAS OF HEAVY VEHICLE TRAFFIC.
17.

LIQUID–TIGHT FLEXIBLE METALLIC CONDUIT (LIQUID–TITE FLEX) SHALL BE USED INDOORS AND OUTDOORS, WHERE VIBRATION OCCURS OR FLEXIBILITY IS NEEDED.
18.

CONDUIT AND TUBING FITTINGS SHALL BE THREADED OR COMPRESSION–TYPE AND APPROVED FOR THE LOCATION USED. SETSCREW FITTINGS ARE NOT ACCEPTABLE.
19.

CABINETS, BOXES, AND WIREWAYS SHALL BE LISTED OR LABELLED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE, AND NEC.
20.

WIREWAYS SHALL BE EPOXY–COATED (GRAY) AND INCLUDE A HINGED COVER, DESIGNED TO SWING OPEN DOWNWARD; SHALL BE PANDUIT TYPE E (OR EQUAL); AND RATED NEMA 1 (OR BETTER) INDOORS, OR NEMA 3R (OR BETTER) OUTDOORS.
21.

EQUIPMENT CABINETS, TERMINAL BOXES, JUNCTION BOXES, AND PULL BOXES SHALL BE GALVANIZED OR EPOXY–COATED SHEET STEEL, SHALL MEET OR EXCEED UL 50, AND RATED NEMA 1 (OR BETTER) INDOORS, OR NEMA 3R (OR BETTER) OUTDOORS
22.

METAL RECEPTACLE, SWITCH, AND DEVICE BOXES SHALL BE GALVANIZED, EPOXY–COATED, OR NON–CORRODING; SHALL MEET OR EXCEED UL 514A AND NEMA OS 1; AND RATED NEMA 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.
23.

NONMETALLIC RECEPTACLE, SWITCH, AND DEVICE BOXES SHALL MEET OR EXCEED NEMA OS 2; AND RATED NEMA 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.
24.

THE CONTRACTOR SHALL NOTIFY AND OBTAIN NECESSARY AUTHORIZATION FROM THE OWNER BEFORE COMMENCING WORK ON THE AC POWER DISTRIBUTION PANELS.
25.

THE CONTRACTOR SHALL PROVIDE NECESSARY TAGGING ON THE BREAKERS, CABLES AND DISTRIBUTION PANELS IN ACCORDANCE WITH THE APPLICABLE CODES AND STANDARDS TO SAFEGUARD AGAINST LIFE AND PROPERTY.

GROUNDING NOTES:

1.

ALL GROUND ELECTRODE SYSTEMS (INCLUDING TELECOMMUNICATION, RADIO, LIGHTNING PROTECTION, AND AC POWER GES’S) SHALL BE BONDED TOGETHER, AT OR BELOW GRADE, BY TWO OR MORE COPPER BONDING CONDUCTORS IN ACCORDANCE WITH THE NEC.
2.

THE CONTRACTOR SHALL PERFORM IEEE FALL–OF–POTENTIAL RESISTANCE TO EARTH TESTING (PER IEEE 1100 AND 81) FOR GROUND ELECTRODE SYSTEMS. THE CONTRACTOR SHALL FURNISH AND INSTALL SUPPLEMENTAL GROUND ELECTRODES AS NEEDED TO ACHIEVE A TEST RESULT OF 5 OHMS OR LESS.
3.

THE CONTRACTOR IS RESPONSIBLE FOR PROPERLY SEQUENCING GROUNDING AND UNDERGROUND CONDUIT INSTALLATION AS TO PREVENT ANY LOSS OF CONTINUITY IN THE GROUNDING SYSTEM OR DAMAGE TO THE CONDUIT. MAXIMUM RESISTANCE OF THE COMPLETED GROUND SYSTEM SHALL NOT EXCEED 5 OHMS.
4.

METAL CONDUIT AND TRAY SHALL BE GROUNDED AND MADE ELECTRICALLY CONTINUOUS WITH LISTED BONDING FITTINGS OR BY BONDING ACROSS THE DISCONTINUITY WITH #6 AWG COPPER WIRE UL APPROVED GROUNDING TYPE CONDUIT CLAMPS.
5.

METAL RACEWAY SHALL NOT BE USED AS THE NEC REQUIRED EQUIPMENT GROUND CONDUCTOR. STRANDED COPPER CONDUCTORS WITH GREEN INSULATION, SIZED IN ACCORDANCE WITH THE NEC, SHALL BE FURNISHED AND INSTALLED WITH THE POWER CIRCUITS TO BTS EQUIPMENT.
6.

EACH BTS CABINET FRAME SHALL BE DIRECTLY CONNECTED TO THE MASTER GROUND BAR WITH GREEN INSULATED SUPPLEMENTAL EQUIPMENT GROUND WIRES, 6 AWG STRANDED COPPER OR LARGER FOR INDOOR BTS; 2 AWG STRANDED COPPER FOR OUTDOOR BTS.
7.

CONNECTIONS TO THE GROUND BUS SHALL NOT BE DOUBLED UP OR STACKED. BACK TO BACK CONNECTIONS ON OPPOSITE SIDES OF THE GROUND BUS ARE PERMITTED.
8.

ALL EXTERIOR GROUND CONDUCTORS BETWEEN EQUIPMENT/GROUND BARS AND THE GROUND RING, SHALL BE #2 AWG SOLID TINNED COPPER UNLESS OTHERWISE INDICATED.
9.

ALUMINUM CONDUCTOR OR COPPER CLAD STEEL CONDUCTOR SHALL NOT BE USED FOR GROUNDING CONNECTIONS.
10.

USE OF 90° BENDS IN THE PROTECTION GROUNDING CONDUCTORS SHALL BE AVOIDED WHEN 45° BENDS CAN BE ADEQUATELY SUPPORTED.
11.

GROUND RING SHALL BE 24 INCHES FROM EDGE OF EQUIPMENT SHELTER AND WITHIN 18 TO 36 INCHES OF THE EQUIPMENT PLATFORM.
12.

GROUND RODS SHALL BE 5/8 INCH DIAMETER x 10’–0” LONG "COPPERWELD" OR APPROVED EQUAL. GROUND RODS SHALL BE DRIVEN FULL LENGTH VERTICAL IN UNDISTURBED EARTH AT SPACING OF A MINIMUM OF 10’–0” AND A MAXIMUM OF 15’–0” ON CENTERS.
13.

DEPTH OF THE GROUND RING SHALL BE EITHER 3’–6” BELOW FINAL GRADE OR THE MINIMUM DEPTH REQUIRED BY LOCAL CODES, REGULATIONS AND ORDINANCES, WHICHEVER IS DEEPER.
14.

THE ELECTRICAL SERVICE TO THE SITE SHALL BE GROUNDED AT THE SERVICE DISCONNECTING MEANS REQUIRED IN ARTICLE 250 OF THE NEC., AND IN ACCORDANCE WITH ANY LOCAL CODE.
15.

ALL BELOW GRADE GROUNDING CONDUCTORS SHALL BE BARE TINNED SOLID COPPER WIRE. GROUND RING SHALL BE #2 AWG BARE TINNED SOLID COPPER WIRE.
16.

ALL ABOVE GRADE GROUNDING CONDUCTORS MAY BE EITHER:
BARE TINNED SOLID COPPER WIRE
THWN–INSULATED, CONTINUOUS GREEN COLOR, SOLID COPPER WIRE
THWN–INSULATED, CONTINUOUS GREEN COLOR, STRANDED COPPER WIRE
17.

ALL ABOVE GRADE GROUND CONNECTIONS (INTERIOR & EXTERIOR) SHALL BE FORMED USING HIGH PRESS CRIMPS.
18.

ALL BELOW GRADE GROUNDING CONNECTIONS SHALL BE MADE BY THE CADWELD PROCESS. MECHANICAL LUG ATTACHMENTS BELOW GRADE ARE NOT ACCEPTABLE. CONNECTIONS SHALL INCLUDE ALL CABLE TO CABLE SPLICES (TEES, Xs, ETC) ALL MATERIALS USED (MOLDS, WELDING METAL, TOOLS, ETC.) SHALL BE BY CADWELD AND INSTALLED PER MANUFACTURER’S RECOMMENDATION AND PROCEDURES.
19.

COMPRESSION GROUND CONNECTIONS MAY BE REPLACED BY EXOTHERMIC WELD CONNECTIONS.
20.

ICE BRIDGE BONDING CONDUCTORS SHALL BE EXOTHERMICALLY BONDED OR BOLTED TO THE BRIDGE AND THE TOWER GROUND BAR.
21.

APPROVED ANTIOXIDANT COATINGS (I.E., CONDUCTIVE GEL OR PASTE) SHALL BE USED ON ALL GROUNDING CONNECTIONS INCLUDING COMPRESSION AND BOLTED GROUND CONNECTIONS.
22.

ALL EXTERIOR GROUND CONNECTIONS SHALL BE COATED WITH A CORROSION RESISTANT MATERIAL.
23.

MISCELLANEOUS ELECTRICAL AND NON–ELECTRICAL METAL BOXES, FRAMES AND SUPPORTS SHALL BE BONDED TO THE GROUND RING, IN ACCORDANCE WITH THE NEC.
24.

BOND ALL METALLIC OBJECTS WITHIN 6 FT OF MAIN GROUND WIRES WITH 1–#2 AWG TIN–PLATED COPPER GROUND CONDUCTOR.
25.

GROUND CONDUCTORS USED IN THE FACILITY GROUND AND LIGHTNING PROTECTION SYSTEMS SHALL NOT BE ROUTED THROUGH METALLIC OBJECTS THAT FORM A RING AROUND THE CONDUCTOR, SUCH AS METALLIC CONDUITS, METAL SUPPORT CLIPS OR SLEEVES THROUGH WALLS OR FLOORS. WHEN IT IS REQUIRED TO BE HOUSED IN CONDUIT TO MEET CODE REQUIREMENTS OR LOCAL CONDITIONS, NON–METALLIC MATERIAL SUCH AS PVC PLASTIC CONDUIT SHALL BE USED. WHERE USE OF METAL CONDUIT IS UNAVOIDABLE (E.G., NON–METALLIC CONDUIT PROHIBITED BY LOCAL CODE) THE GROUND CONDUCTOR SHALL BE BONDED TO EACH END OF THE METAL CONDUIT.

MasTec

Network Solutions

1351 E. Irving Park Rd
Itasca, IL 60143

AE

Apex Engineers, Inc.

Structural & Civil Engineers
500 East 22nd Street, Suite B
Lombard, Illinois 60148
Ph. (630) 627–1800
Fax. (630) 627–1165

APEX JOB No. GT08–205

WINNETKA FIRE STATION

SITE NO. IL1340

8410 NORTH GREEN BAY ROAD
WINNETKA, IL 60093

AT&T

Mobility

3	09/21/23	REVISED PER COMMENTS	YA	SC	RG
2	05/09/23	FINAL CDs REVISED PER NEW SCOPING	YA	SC	RG
1	05/23/22	FINAL CDs REVISED PER COMMENTS	YA	PB	RG
0	11/05/21	FINAL CDs ISSUED FOR CONSTRUCTION	YA	PB	RG
B	10/28/21	REVISED PER NEW RFDS	YA	PB	RG
NO.	DATE	REVISIONS	BY	CHK	APP'D
SCALE: AS SHOWN		DESIGNED BY: XX	DRAWN BY: XX		

AT&T MOBILITY

ELECTRICAL AND GROUNDING NOTES

DRAWING NUMBER	REV
IL1340–03	3

6

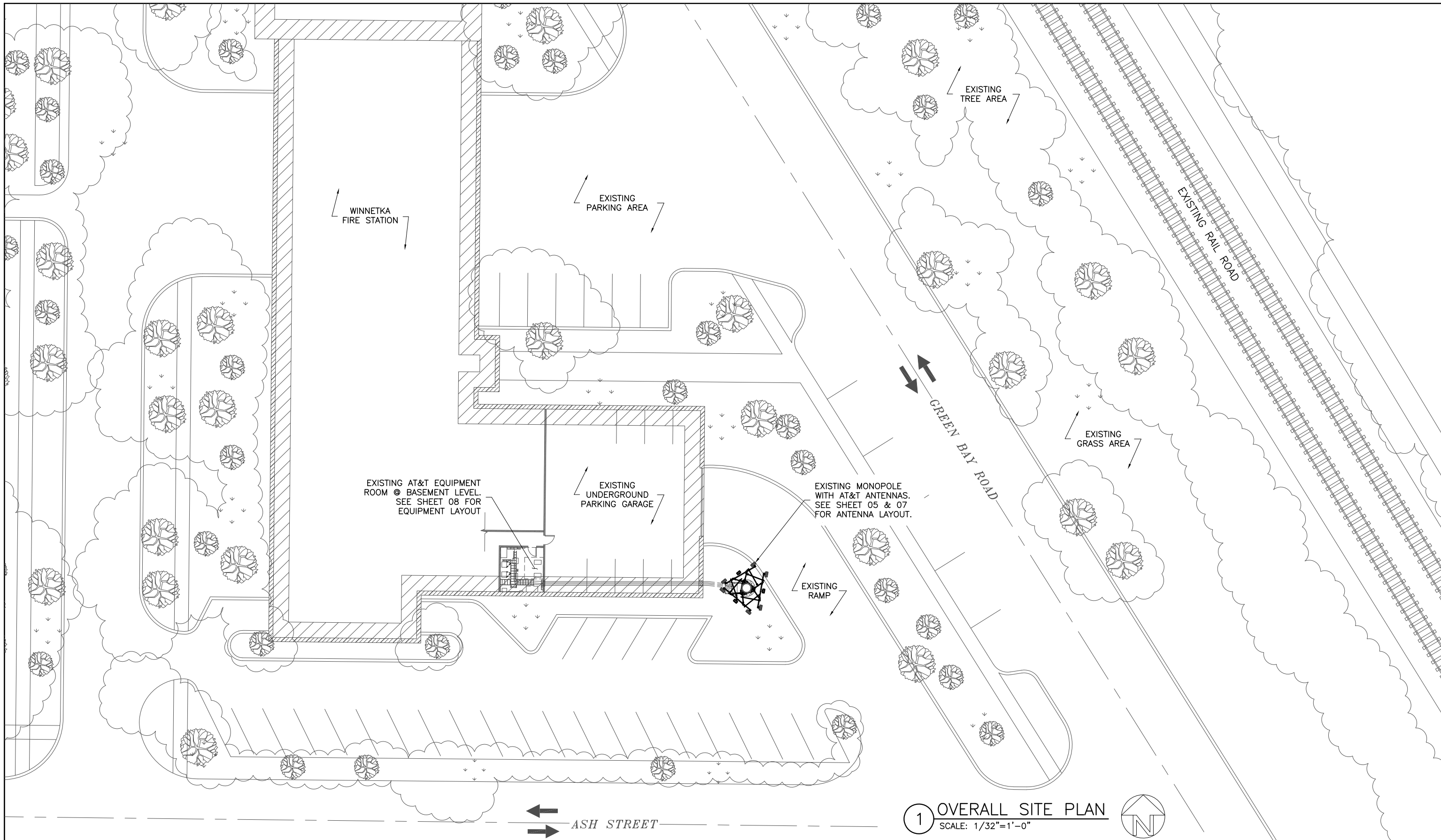
5

4

3

2

11 x 17 "B" SIZE



1 OVERALL SITE PLAN
SCALE: 1/32"=1'-0"



MasTec
Network Solutions
1351 E. Irving Park Rd
Itasca, IL 60143



Apex Engineers, Inc.
Structural & Civil Engineers
500 East 22nd Street, Suite B
Lombard, Illinois 60148
Ph. (630) 627-1800
Fax. (630) 627-1165
APEX JOB No. GT08-205

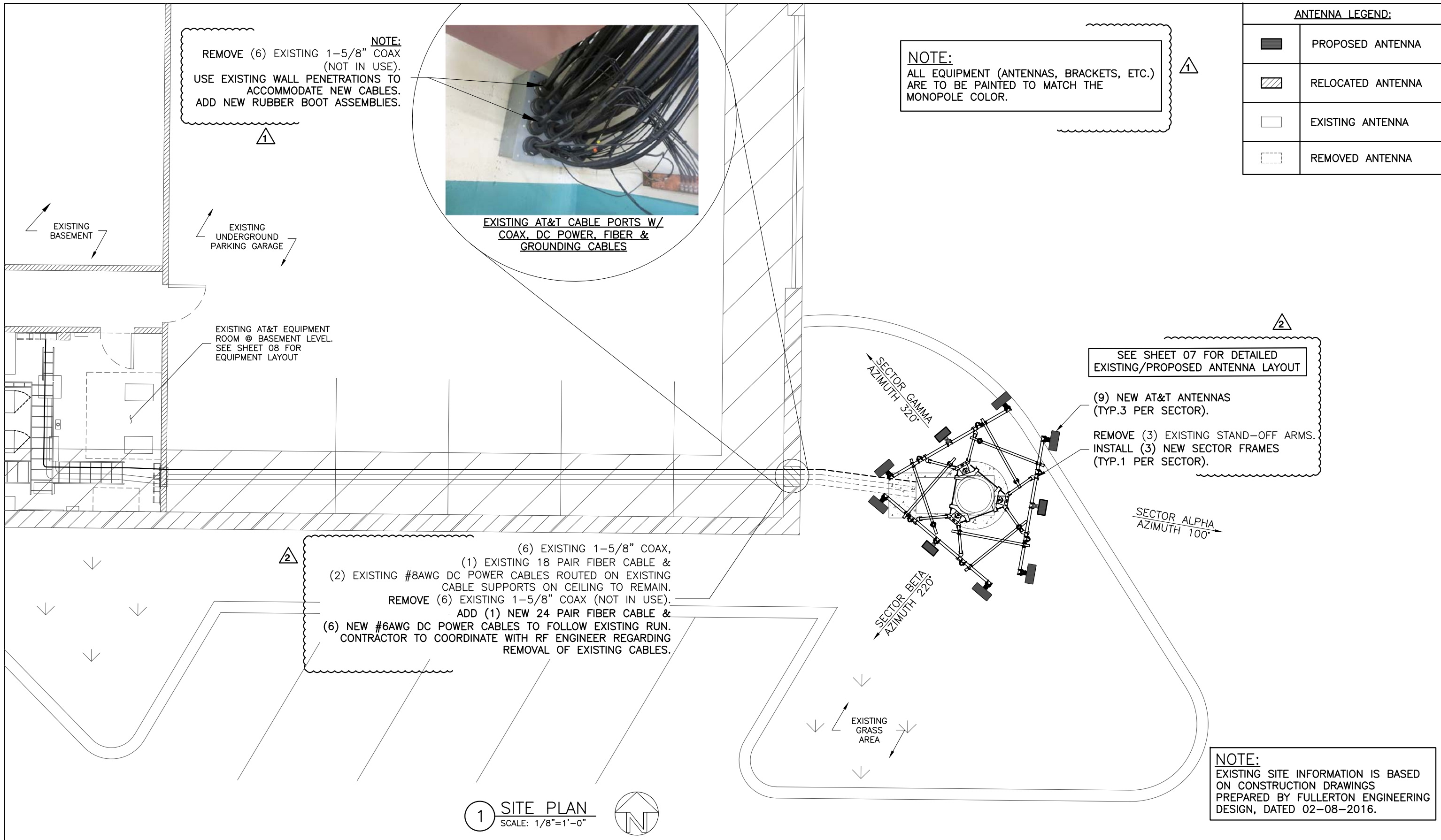
WINNETKA FIRE STATION
SITE NO. IL1340
8410 NORTH GREEN BAY ROAD
WINNETKA, IL 60093



3	09/21/23	REVISED PER COMMENTS	YA	SC	RG
2	05/09/23	FINAL CDs REVISED PER NEW SCOPING	YA	SC	RG
1	05/23/22	FINAL CDs REVISED PER COMMENTS	YA	PB	RG
0	11/05/21	FINAL CDs ISSUED FOR CONSTRUCTION	YA	PB	RG
B	10/28/21	REVISED PER NEW RFDS	YA	PB	RG
NO.	DATE	REVISIONS	BY	CHK	APP'D
SCALE: AS SHOWN		DESIGNED BY: XX	DRAWN BY: XX		

AT&T MOBILITY
OVERALL SITE PLAN

DRAWING NUMBER	REV
IL1340-04	3



MasTec
Network Solutions
1351 E. Irving Park Rd
Itasca, IL 60143

Apex Engineers, Inc.
Structural & Civil Engineers
500 East 22nd Street, Suite B
Lombard, Illinois 60148
Ph. (630) 627-1800
Fax. (630) 627-1165
APEX JOB No. GT08-205

WINNETKA FIRE STATION
SITE NO. IL1340
8410 NORTH GREEN BAY ROAD
WINNETKA, IL 60093



3	09/21/23	REVISED PER COMMENTS	YA	SC	RG
2	05/09/23	FINAL CDs REVISED PER NEW SCOPING	YA	SC	RG
1	05/23/22	FINAL CDs REVISED PER COMMENTS	YA	PB	RG
0	11/05/21	FINAL CDs ISSUED FOR CONSTRUCTION	YA	PB	RG
B	10/28/21	REVISED PER NEW RFDS	YA	PB	RG
NO.	DATE	REVISIONS	BY	CHK	APP'D
SCALE: AS SHOWN		DESIGNED BY: XX	DRAWN BY: XX		

AT&T MOBILITY	
SITE PLAN	
DRAWING NUMBER	REV
IL1340-05	3

11 x 17 "B" SIZE

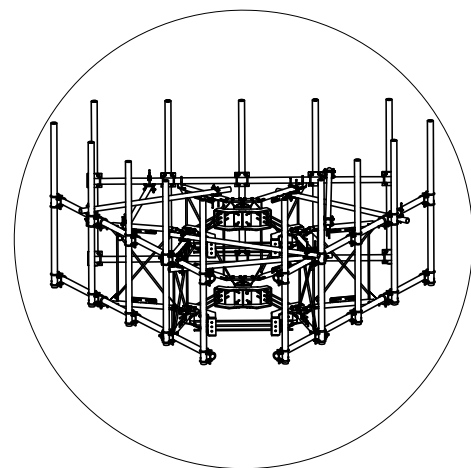
STRUCTURAL ANALYSIS PREPARED BY
APEX ENGINEERS, INC. DATED 09/21/2023.
ANTENNA MOUNT ANALYSIS PREPARED BY
APEX ENGINEERS, INC. DATED 09/21/2023.

NOTE:
ALL EQUIPMENT (ANTENNAS, BRACKETS, ETC.)
ARE TO BE PAINTED TO MATCH THE
MONOPOLE COLOR.

NOTE:
REFER TO RF DESIGN SHEET/ SCOPING FORM &
INSTALL AS REQUIRED BBU 6630, DC/FC BOX,
XMU, FIBER BOX, RBS 6601, DUS41, PATCH
PANEL TELECT 5216, BREAKERS & MISC.
EQUIPMENT. ALSO, DECOM GSM/UMTS
EQUIPMENT/COAX AS SHOWN ON SCOPING FORM.

REMOVE (3) EXISTING STAND-OFF ARMS.
INSTALL (3) NEW SECTOR FRAMES SitePRO1
PART# VFA12-M3-WLL OR EQUAL
(TYP. 1 PER SECTOR).
RELOCATE EXISTING GROUND BAR AS REQUIRED
TO ACCOMMODATE PROPOSED COLLAR.

NEW 2 7/8" O.D. GALV ANTENNA MOUNTING
PIPE WITH MAX 7'-0" LONG. TYP AT (15)
LOCATIONS (TYP. 5 PER SECTOR).



EXISTING STANDOFF ARM MOUNT
ELEV.: 102'-0"

EXISTING STANDOFF ARM MOUNT
ELEV.: 84'-0"

CL/ AT&T ANTENNAS
ELEV.: 81'-0"

CL/ AT&T CBAND ANTENNAS
ELEV.: 79'-3"

PROPOSED AT&T ANTENNAS.
SEE SHEET 07 FOR ANTENNA LAYOUT.

EXISTING STANDOFF ARM MOUNT
ELEV.: 60'-0"

EXISTING STANDOFF ARM MOUNT
ELEV.: 49'-0"

EXISTING STANDOFF ARM MOUNT
ELEV.: 38'-0"

(6) EXISTING 1-5/8" COAX,
(1) EXISTING 18 PAIR FIBER CABLE &
(2) EXISTING #8AWG DC POWER CABLES
ROUTED INSIDE MONOPOLE TO REMAIN.
REMOVE (6) EXISTING 1-5/8" COAX (NOT IN USE).
ADD (1) NEW 24 PAIR FIBER CABLE &
(6) NEW #6AWG DC POWER CABLES TO FOLLOW EXISTING RUN.
CONTRACTOR TO COORDINATE WITH RF ENGINEER REGARDING
REMOVAL OF EXISTING CABLES.

FINISH GRADE
ELEV.: 0'-0"

EXISTING BUILDING

EXISTING UNDERGROUND
PARKING GARAGE

APPROXIMATE LOCATION OF EXISTING
AT&T EQUIPMENT ROOM IN BASEMENT.
SEE SHEET 08 FOR EQUIPMENT LAYOUT

1 ELEVATION
SCALE: 1/16"=1'-0"

MasTec
Network Solutions

1351 E. Irving Park Rd
Itasca, IL 60143



Apex Engineers, Inc.
Structural & Civil Engineers
500 East 22nd Street, Suite B
Lombard, Illinois 60148
Ph. (630) 627-1800
Fax. (630) 627-1165

APEX JOB No. GT08-205

WINNETKA FIRE STATION
SITE NO. IL1340

8410 NORTH GREEN BAY ROAD
WINNETKA, IL 60093



3	09/21/23	REVISED PER COMMENTS	YA	SC	RG
2	05/09/23	FINAL CDs REVISED PER NEW SCOPING	YA	SC	RG
1	05/23/22	FINAL CDs REVISED PER COMMENTS	YA	PB	RG
0	11/05/21	FINAL CDs ISSUED FOR CONSTRUCTION	YA	PB	RG
B	10/28/21	REVISED PER NEW RFDS	YA	PB	RG
NO.	DATE	REVISIONS	BY	CHK	APP'D
SCALE: AS SHOWN		DESIGNED BY: XX	DRAWN BY: XX		

AT&T MOBILITY

ELEVATION

DRAWING NUMBER

IL1340-06

REV

3

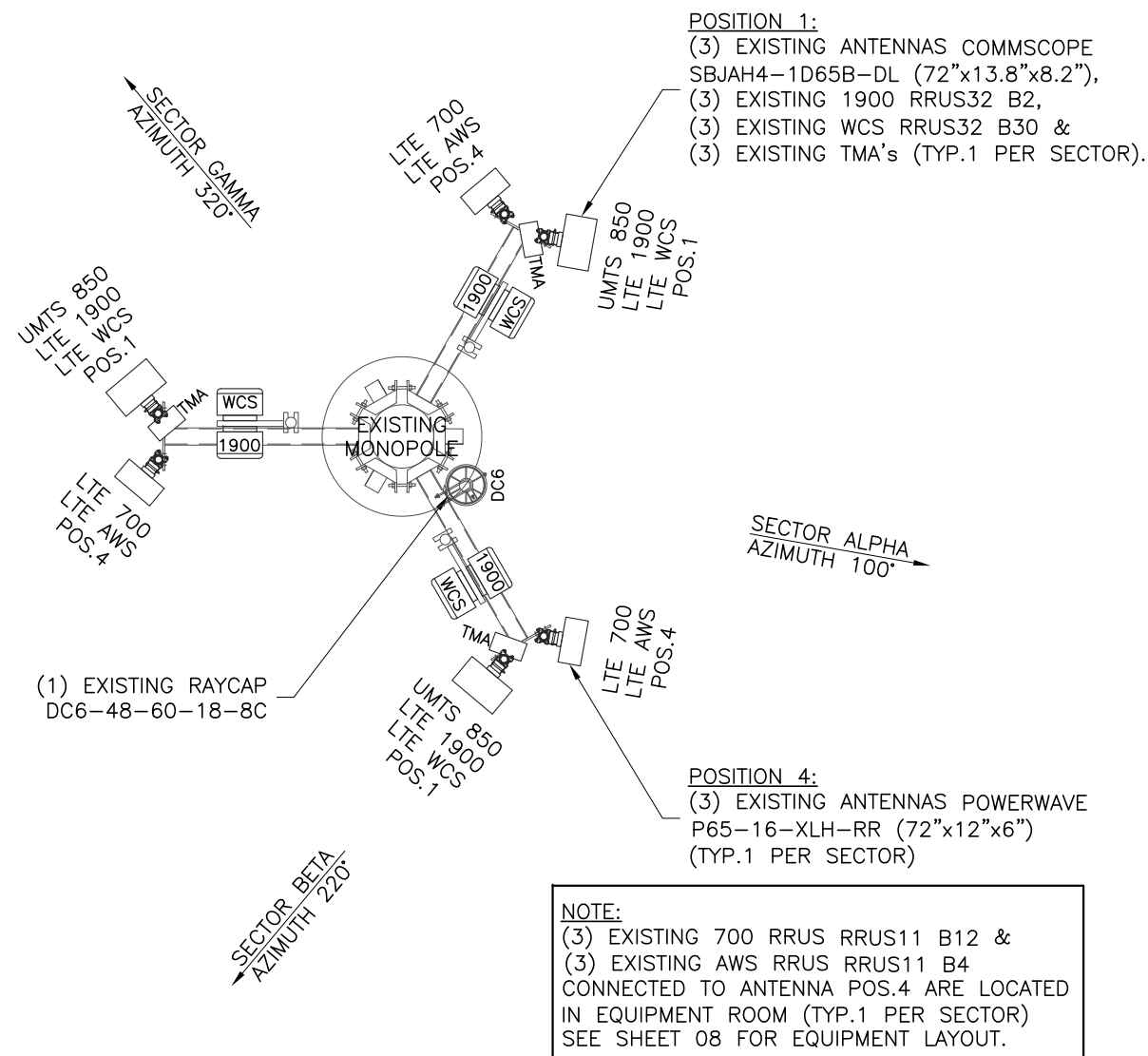
(1) EXISTING RAYCAP DC6-48-60-18-8C

REFER TO RF DESIGN SHEET FOR ADDITIONAL
INFORMATION ON TMA'S/DIPLEXERS/DC&FIBER BOX/SQUID

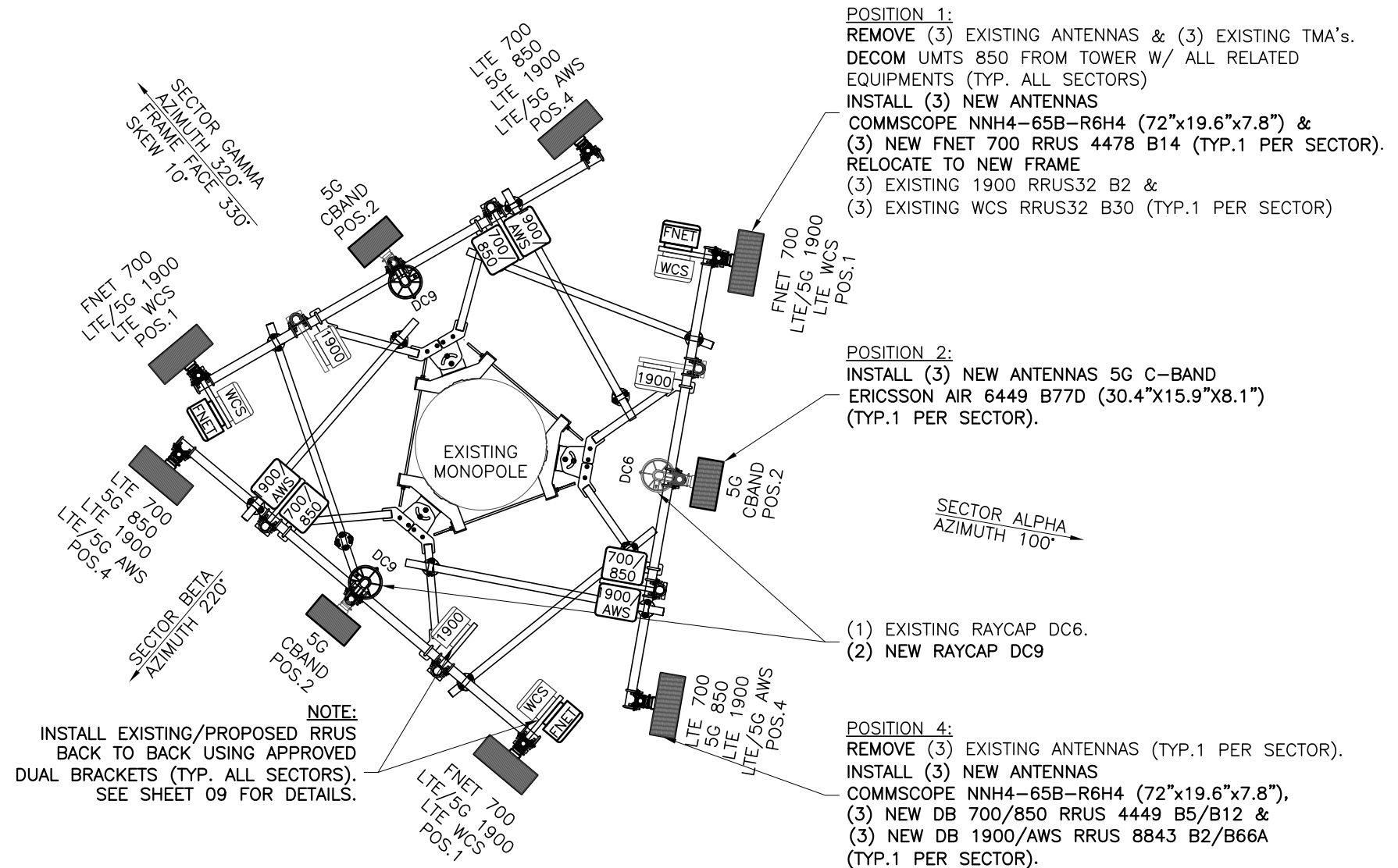
1. REMOVE (3) EXISTING ANTENNAS POS.1 COMMSCOPE SBJAH4-1D65B-DL & (3) EXISTING TMA's W/ ALL RELATED UMTS EQUIPMENTS.
2. REMOVE (3) EXISTING ANTENNAS POS.4 POWERWAVE P65-16-XLH-RR
3. RELOCATE TO NEW FRAMES (3) EXISTING 1900 RRUS32 B2,
(3) EXISTING WCS RRUS32 B30 & (1) EXISTING RAYCAP DC6.
3. REMOVE (3) EXISTING STAND-OFF ARMS & REPLACE W/
(3) NEW SECTOR FRAMES SitePRO1 VFA12-M3-WLL W/
NEW 2½" STD (2⅞" O.D.) MOUNTING PIPES. SEE SHEETS S01 FOR DETAILS.
4. ALIGN SECTOR FRAMES TO AZIMUTHS 100°, 220° & 330°
TO AVOID ANTENNA SKEW.

MAINTAIN A MINIMUM OF 3 FEET SEPARATION BETWEEN ALL ANTENNAS.
IF 3 FEET IS NOT OBTAINABLE BETWEEN ANY OF THE ANTENNAS, NOTIFY AT&T RF AND/OR GC CM FOR FURTHER DIRECTIONS (TYP. ALL SECTORS).

(1) EXISTING RAYCAP DC6-48-60-18-8C TO REMAIN.
ADD (2) NEW RAYCAP DC9-48-60-24-8C-EV



1 EXISTING ANTENNA LAYOUT
SCALE: N.T.S.





PROPOSED ANTENNA LAYOUT
 SCALE: N.T.S.

**REMOVE (3) EXISTING 700 RRUS RRUS11 B12 &
(3) EXISTING AWS RRUS RRUS11 B4 LOCATED IN
EQUIPMENT ROOM (TYP.1 PER SECTOR)
SEE SHEET 08 FOR EQUIPMENT LAYOUT.**



WINNETKA FIRE STATION
SITE NO. IL1340

8410 NORTH GREEN BAY ROAD
WINNETKA, IL 60093



3	09/21/23	REVISED PER COMMENTS	YA	SC	RE
2	05/09/23	FINAL CDs REVISED PER NEW SCOPING	YA	SC	RE
1	05/23/22	FINAL CDs REVISED PER COMMENTS	YA	PB	RE
0	11/05/21	FINAL CDs ISSUED FOR CONSTRUCTION	YA	PB	RE
B	10/28/21	REVISED PER NEW RFDS	YA	PB	RE
NO.	DATE	REVISIONS	BY	CHK	APP
SCALE: AS SHOWN		DESIGNED BY: XX	DRAWN BY: XX		

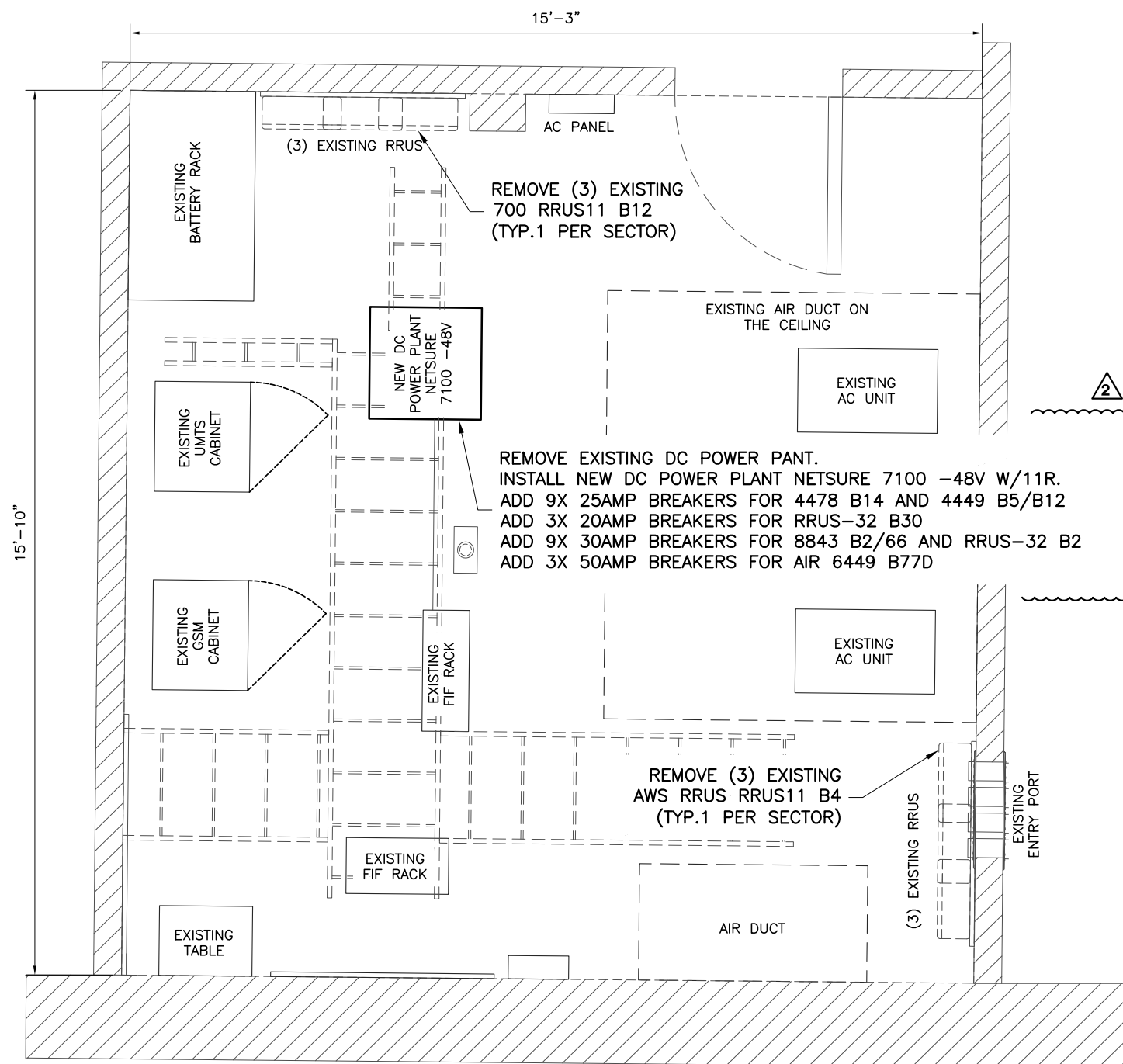
ANTENNA LAYOUT

DRAWING NUMBER	REV
IL1340-07	3

NOTES:

1. EXISTING SPACE FOR PROPOSED EQUIPMENT ASSUMED TO BE ADEQUATE, PRIOR TO INSTALLATION, COORDINATE FINAL LOCATION WITH CONSTRUCTION MANAGER.
2. COORDINATE WITH CONSTRUCTION MANAGER FOR THE PROVISION OF DC CIRCUIT BREAKERS AND OTHER ANCILLARY ITEMS TO SUPPORT THE NEW EQUIPMENT.
3. PROPERLY BOND ALL EQUIPMENT AND CONDUCTIVE SURFACES TO EXISTING GROUND PER NEC AND AT&T STANDARDS.

FINAL BBU CONFIGURATION:
1X 6630 + IDLE FOR LTE
1X 6630 + XMU MIXED-MODE FOR LTE & 5G.
1X 6648 FOR 5G C-BAND



1 EQUIPMENT LAYOUT
SCALE: 3/8"=1'-0"

NETSURE™ 7100 SERIES



Technical Specifications

AC INPUT	
Range	Single phase: 85 VAC to 300 VAC (Nominal: 200 VAC to 240 VAC)
Line Frequency	50 or 60 Hz (45 Hz to 65 Hz)
Connections	Terminal or distribution for up to 12 circuit breakers
Surge Protection	Optional
DC OUTPUT	
Adjustable Range	-42 VDC to -58 VDC (Nominal: -48 VDC)
Power, Maximum	42 kW (12 x 3.5 kW rectifier modules)
Efficiency, Peak	96.5% eSure™ R48-3500e rectifier
DC SYSTEM UNITS	
Distribution Units	Available for circuit breakers, cartridge fuses, NH00 fuses, NH2 fuses
Circuit Breakers	From 2 A up to 200 A
Fuses	NH00 (up to 400 A) and NH2 (up to 400 A)
Intelligent Load Management	Optional, equipment for all distribution units
Battery Connections	4 x (300 A or 400 A) circuit breakers or fuses
Battery Shelves	Optional, up to 4 x 8 U
PHYSICAL CHARACTERISTICS	
Mounting	Top or bottom cabling (top cabling with battery shelf)
Dimensions (H x W x D)	1800 or 2020 mm x 600 mm x 600 mm (per cabinet)
Weight	170 kg per cabinet (fully equipped)
Access and Security	Front access, IP20, door with lock as option
ENVIRONMENTAL	
Temperature Range, Operating	-5 °C to +60 °C (full power up to +40 °C)
Relative Humidity, Operating	<90%
Altitude	2000 m
Audible Noise	59dB for R48-3500e
Ventilation	Forced ventilated (rectifier fans)
SAFETY AND STANDARDS COMPLIANCE	
Electrical	CE EN60950-1
EMC	EN 300 386-2, Class B
Environmental	REACH, RoHS 6

Ordering Information

Model Number	Part Number	Description
—	BMK220A03	Stand Alone NetSure 7100 DC power system, 42 kW
—	BMK220A02	Stand Alone NetSure 7100 DC power system, 21 kW
1R483500E2	BML440066/1	3.5 kW eSure rectifier, high efficiency
M8300	BMP903100/2	NetSure control unit (2 x 2 U front)

OVERVIEW



NetSure 7100 Stand Alone Cabinet

- 1 Screen Door
- 2 Battery Connection Unit
- 3 NetSure Control Unit
- 4 Load Distribution Unit
- 5 AC Distribution Unit
- 6 eSure Rectifiers
- 7 Battery Shelves

NETSURE 7100 POWER SYSTEM SPECIFICATIONS

MasTec
Network Solutions

1351 E. Irving Park Rd
Itasca, IL 60143



Apex Engineers, Inc.
Structural & Civil Engineers
500 East 22nd Street, Suite B
Lombard, Illinois 60148
Ph. (630) 627-1800
Fax. (630) 627-1165

APEX JOB No. GT08-205

WINNETKA FIRE STATION
SITE NO. IL1340

8410 NORTH GREEN BAY ROAD
WINNETKA, IL 60093



AT&T
Mobility

3	09/21/23	REVISED PER COMMENTS	YA	SC	RG
2	05/09/23	FINAL CDs REVISED PER NEW SCOPING	YA	SC	RG
1	05/23/22	FINAL CDs REVISED PER COMMENTS	YA	PB	RG
0	11/05/21	FINAL CDs ISSUED FOR CONSTRUCTION	YA	PB	RG
B	10/28/21	REVISED PER NEW RFDS	YA	PB	RG
NO.	DATE	REVISIONS	BY	CHK	APP'D
SCALE: AS SHOWN		DESIGNED BY: XX	DRAWN BY: XX		

AT&T MOBILITY

EQUIPMENT LAYOUT

DRAWING NUMBER

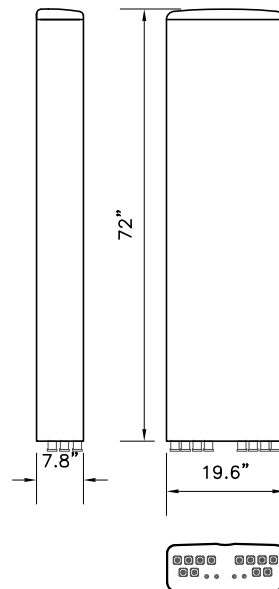
IL1340-08

REV

3

11 x 17 "B" SIZE

DIMENSIONS, HXWXD:	72"X19.6"X7.8"
SURVIVAL WIND SPEED:	>93 MPH
WEIGHT, WITHOUT MOUNTING: (37.8 kg)	83.3 LBS.
CONNECTOR: FEMALE	8—PIN DIN
MALE	8—PIN DIN
CONNECTOR POSITION:	BOTTOM
MOUNTING POLE: INCHES	2.4—4.5



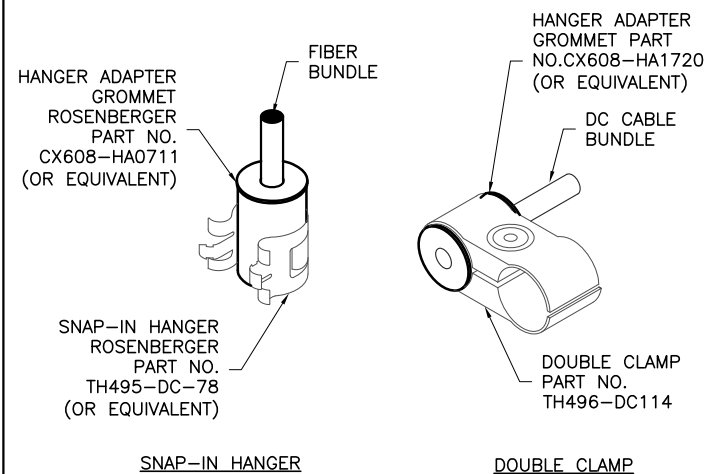
1 COMMScope - NNH4-65B-R6H4



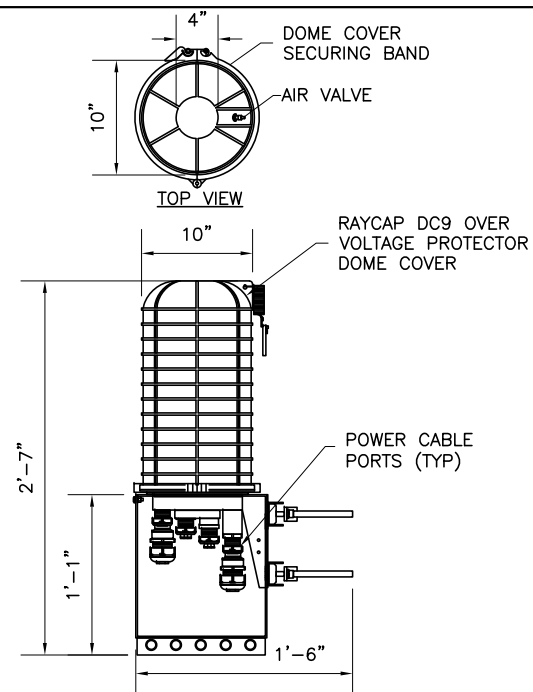
ADVANCED ANTENNA SYSTEM (AAS)

- 64TX/64RX WITH 192 AE
- UP TO 320W
- EIRP (BORESIGHT): 81 dBm (DUAL-POLARIZATION)
- EIRP (ANGULAR AVERAGE): 79 dBm (DUAL-POLARIZATION)
- UP TO 200 Mhz IBW & TCBW
- NR ONLY
- 4 X 25 Gbps eCPRI (FROM DAY 1)
- WEIGHT: 38 KG (83.8 POUNDS)
- SIZE (HxWxD): 778x403x268 MM (EXCLUDING BRACKETS)
- SIZE (HXWXD): 30.6x15.9x10.6 INCHES (EXCLUDING BRACKETS)
- -48 VDC (3-wire OR 2-wire)
- -40°C to +55°C
- SUPPORTED NUMBER OF LAYERS: DL/UL 16/8

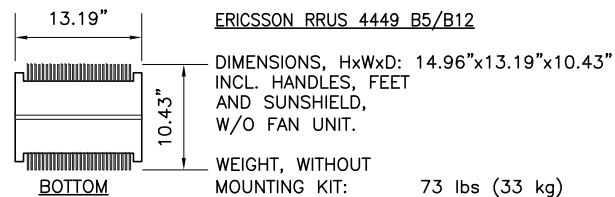
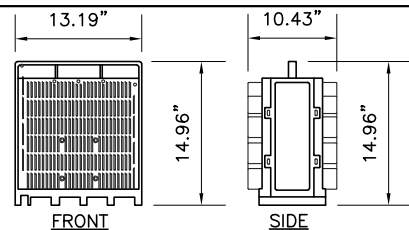
2 AIR 6449 B77D ANTENNA
SCALE: N.T.S.



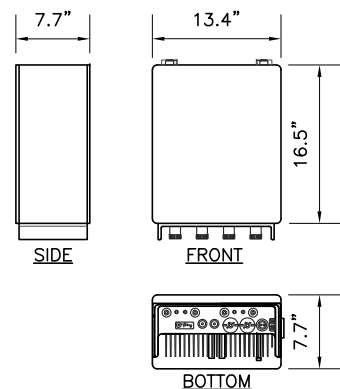
3 FIBER/DC CABLE SUPPORT
SCALE: N.T.S.



4 RAYCAP
DC9-48-60-24-8C-EV



ERICSSON
RRUS 4449 B5/B12



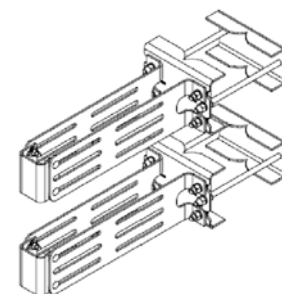
ERICSSON RRUS 4478

DIMENSIONS, HxWxD: 16.5"x13.4"x7.7"

**WEIGHT, WITHOUT
MOUNTING KIT:** 59.9 lbs (27.2 kg)

STACKING OF RRH'S IS NOT PERMITTED.
NO PAINTING OF RRU'S IS ALLOWED.

7 ERICCSN RRUS 4478



RR-FA2

RRUS BRACKET COMMSCOPE RR-FA2	
DIMENSIONS (HxWxL)	16.4"x8.6"x18" (416.56mm x 218.44mm x 457.2mm)
WEIGHT	36 lb (16.329 kg)
MOUNTING DIAMETER, MAXIMUM	5.6" (142.24mm)
MOUNTING DIAMETER, MINIMUM	0" (0mm)

COMMSCOPE RR-FA2 - HOT DIP GALVANIZED
STEEL BRACKET FOR BOTH THE SINGLE AND DUAL
BAND ERICSSON RRUS.

- STIFFENER BRACKET ADDED TO REDUCE EFFECTS OF EXTERNAL FACTORS SUCH AS WIND LOAD AND VIBRATION
- SUITABLE FOR MOUNTING DIRECTLY ONTO SECTOR FRAME ANTENNA PIPES
- HOT DIP GALVANIZED STEEL
- AISC CERTIFIED MANUFACTURING PROCESSES

8 RRUS BRACKET SPECIFICATION
SCALE: N.I.S.



CLAMP MOUNTING RANGE	TUBES	SQUARE PROFILES	90° ANGLE
MINIMUM	ø25 mm (1,0 in)	35 x 35 mm (1,4 x 1,4 in)	35 x 35 mm (1,4 x 1,4 in)
MAXIMUM	ø114 mm (4,5 in)	80 x 80 mm (3,2 x 3,2 in)	80 x 80 mm (3,2 x 3,2 in)

HOT DIP GALVANIZED STEEL BRACKET

- MATERIAL: S355MC FZV, FASTENERS 8.8 FZV OR EQUIVALENT
- MINIMUM 70 UM ZINC COATING, DESIGNED FOR >20 YEARS CORROSION-FREE
- DESIGNED TO 67 M/S WIND SPEED REQUIREMENT (150 MPH)

SUPPORTS RRUW/RRUS01, RRUS11/12,
RRUS32 WITH RRUSA2 OR PSU

- SXK1091946/1 FOR FIRST RRUS & SXK109146/2 TO ADD SECOND RRUS

RRUS BRACKET SXK1091946/1 &
 9 SXK1091946/2 SPECIFICATION
 SCALE: N.T.S.



1351 E. Irving Park Rd
Itasca, IL 60143



Apex Engineers, Inc.
Structural & Civil Engineers
500 East 22nd Street, Suite B
Lombard, Illinois 60148
Ph. (630) 627-1800
Fax. (630) 627-1165

APEX JOB No. GT08-205

WINNETKA FIRE STATION
SITE NO. IL1340

8410 NORTH GREEN BAY ROAD
WINNETKA, IL 60093



3	09/21/23	REVISED PER COMMENTS	YA	SC	RG
2	05/09/23	FINAL CDs REVISED PER NEW SCOPING	YA	SC	RG
1	05/23/22	FINAL CDs REVISED PER COMMENTS	YA	PB	RG
0	11/05/21	FINAL CDs ISSUED FOR CONSTRUCTION	YA	PB	RG
B	10/28/21	REVISED PER NEW RFDS	YA	PB	RG
NO.	DATE	REVISIONS	BY	CHK	APP
SCALE: AS SHOWN		DESIGNED BY: XX	DRAWN BY: XX		

AT&T MOBILITY

RRUS SPECIFICATION

DRAWING NUMBER

11 1.340-0

	3
--	---

SECTOR	ANTENNA NUMBER	POLARITY/PORT	ANTENNA MODEL NUMBER	ANTENNA VENDOR	TMA/ RRU MODEL NUMBER	AZIMUTH	ANTENNA CENTERLINE FROM GROUND	ANTENNA TYPE	DC SURGE AND DISTRIBUTION	COAX/ FIBER/ DC POWER CABLES		
										COAX CABLE	OTHER CABLES	LENGTH
A	A1	FNET 700	NNH4-65B-R6H4	COMMSCOPE	RRUS 4478 B14	100°	81'-0"	FNET 700	(1) EXISTING RAYCAP DC6-48-60-18-8F (2) NEW RAYCAP DC9-48-60-24-8C-EV	(6) 1-5/8" COAX	2 (1) EXISTING 18 PAIR FIBER CABLE (2) EXISTING #8AWG DC POWER CABLES (1) NEW 24 PAIR FIBER CABLE (6) NEW #6AWG DC POWER CABLES	±220'-0"
		1900			RRUS32 B2			LTE/5G 1900				
		WCS			RRUS32 B30			LTE WCS				
	A2	5G C-BAND	AIR 6449 B77D	ERICSSON	INTEGRATED RADIO WITHIN ANTENNA	100°	81'-0"	5G C-BAND				
	A4	700	NNH4-65B-R6H4	COMMSCOPE	DB RRUS 4449 B5/B12	100°	81'-0"	LTE 700				
		5G 850			5G 850							
		1900			LTE 1900							
		AWS			LTE/5G AWS							
B	B1	FNET 700	NNH4-65B-R6H4	COMMSCOPE	RRUS 4478 B14	220°	81'-0"	FNET 700				
		1900			RRUS32 B2			LTE/5G 1900				
		WCS			RRUS32 B30			LTE WCS				
	B2	5G C-BAND	AIR 6449 B77D	ERICSSON	INTEGRATED RADIO WITHIN ANTENNA	220°	81'-0"	5G C-BAND				
	B4	700	NNH4-65B-R6H4	COMMSCOPE	DB RRUS 4449 B5/B12	220°	81'-0"	LTE 700				
		5G 850			5G 850							
		1900			LTE 1900							
		AWS			LTE/5G AWS							
C	C1	FNET 700	NNH4-65B-R6H4	COMMSCOPE	RRUS 4478 B14	320°	81'-0"	FNET 700				
		1900			RRUS32 B2			LTE/5G 1900				
		WCS			RRUS32 B30			LTE WCS				
	C2	5G C-BAND	AIR 6449 B77D	ERICSSON	INTEGRATED RADIO WITHIN ANTENNA	320°	81'-0"	5G C-BAND				
	C4	700	NNH4-65B-R6H4	COMMSCOPE	DB RRUS 4449 B5/B12	320°	81'-0"	LTE 700				
		5G 850			5G 850							
		1900			LTE 1900							
		AWS			LTE/5G AWS							
THIS ANTENNA MATRIX TABLE IS PREPARED BASED ON RFDS DATED 09/21/2022 REVISION # V1.0 GENERAL CONTRACTOR TO VERIFY AND INCORPORATE MOST RECENT VERSION OF RFDS PRIOR TO CONSTRUCTION.												

1 ANTENNA MATRIX
NTS

MasTec
Network Solutions
1351 E. Irving Park Rd
Itasca, IL 60143

Apex Engineers, Inc.
Structural & Civil Engineers
500 East 22nd Street, Suite B
Lombard, Illinois 60148
Ph. (630) 627-1800
Fax. (630) 627-1165
APEX JOB No. GT08-205

WINNETKA FIRE STATION
SITE NO. IL1340
8410 NORTH GREEN BAY ROAD
WINNETKA, IL 60093



3	09/21/23	REVISED PER COMMENTS	YA	SC	RG
2	05/09/23	FINAL CDs REVISED PER NEW SCOPING	YA	SC	RG
1	05/23/22	FINAL CDs REVISED PER COMMENTS	YA	PB	RG
0	11/05/21	FINAL CDs ISSUED FOR CONSTRUCTION	YA	PB	RG
B	10/28/21	REVISED PER NEW RFDS	YA	PB	RG
NO.	DATE	REVISIONS	BY	CHK	APP'D
SCALE: AS SHOWN		DESIGNED BY: XX	DRAWN BY: XX		

AT&T MOBILITY

ANTENNA MATRIX

DRAWING NUMBER	REV
IL1340-10	3

CABLE MARKING COLOR CONVENTION TABLE								
ALPHA, A, X, #1 SECTOR ANTENNA PORT (+/-) BAND (LOW/HI) *SEE NOTES 13 AND 15 BEAM (LEFT/RIGHT) *SEE NOTE 14 BELOW	A1-1 +45	A1-2 -45	A2-1 +45	A2-2 -45	A3-1 +45	A3-2 -45	A4-1 +45	A4-2 -45
	RED	RED	RED	RED	RED	RED	RED	RED
	WHITE	WHITE	ORANGE	ORANGE	BROWN	BROWN	VIOLET	VIOLET
	SLATE	BROWN	SLATE	BROWN	SLATE	BROWN	SLATE	BROWN
	ORANGE / VIOLET	ORANGE / VIOLET	ORANGE / VIOLET	ORANGE / VIOLET	ORANGE / VIOLET	ORANGE / VIOLET	ORANGE / VIOLET	ORANGE / VIOLET
BETA, B, Y, #2 SECTOR ANTENNA PORT BAND (LOW/HI) *SEE NOTES 13 AND 15 BEAM (LEFT/RIGHT) *SEE NOTE 14 BELOW	B1-1 +45	B1-2 -45	B2-1 +45	B2-2 -45	B3-1 +45	B3-2 -45	B4-1 +45	B4-2 -45
	BLUE	BLUE	BLUE	BLUE	BLUE	BLUE	BLUE	BLUE
	WHITE	WHITE	ORANGE	ORANGE	BROWN	BROWN	VIOLET	VIOLET
	SLATE	BROWN	SLATE	BROWN	SLATE	BROWN	SLATE	BROWN
	ORANGE / VIOLET	ORANGE / VIOLET	ORANGE / VIOLET	ORANGE / VIOLET	ORANGE / VIOLET	ORANGE / VIOLET	ORANGE / VIOLET	ORANGE / VIOLET
GAMMA, C, Z, #3 SECTOR ANTENNA PORT BAND (LOW/HI) *SEE NOTES 13 AND 15 BEAM (LEFT/RIGHT) *SEE NOTE 14 BELOW	C1-1 +45	C1-2 -45	C2-1 +45	C2-2 -45	C3-1 +45	C3-2 -45	C4-1 +45	C4-2 -45
	GREEN	GREEN	GREEN	GREEN	GREEN	GREEN	GREEN	GREEN
	WHITE	WHITE	ORANGE	ORANGE	BROWN	BROWN	VIOLET	VIOLET
	SLATE	BROWN	SLATE	BROWN	SLATE	BROWN	SLATE	BROWN
	ORANGE / VIOLET	ORANGE / VIOLET	ORANGE / VIOLET	ORANGE / VIOLET	ORANGE / VIOLET	ORANGE / VIOLET	ORANGE / VIOLET	ORANGE / VIOLET
DELTA, D, #4 SECTOR ANTENNA PORT BAND (LOW/HI) *SEE NOTES 13 AND 15 BEAM (LEFT/RIGHT) *SEE NOTE 14 BELOW	D1-1 +45	D1-2 -45	D2-1 +45	D2-2 -45	D3-1 +45	D3-2 -45	D4-1 +45	D4-2 -45
	YELLOW	YELLOW	YELLOW	YELLOW	YELLOW	YELLOW	YELLOW	YELLOW
	WHITE	WHITE	ORANGE	ORANGE	BROWN	BROWN	VIOLET	VIOLET
	SLATE	BROWN	SLATE	BROWN	SLATE	BROWN	SLATE	BROWN
	ORANGE / VIOLET	ORANGE / VIOLET	ORANGE / VIOLET	ORANGE / VIOLET	ORANGE / VIOLET	ORANGE / VIOLET	ORANGE / VIOLET	ORANGE / VIOLET
	SLATE / YELLOW	SLATE / YELLOW	SLATE / YELLOW	SLATE / YELLOW	SLATE / YELLOW	SLATE / YELLOW	SLATE / YELLOW	SLATE / YELLOW

NOTE 1*: ALL COLOR CODE TAPE SHALL BE 3M-35 AND SHALL BE INSTALLED USING A MINIMUM OF (3) WRAPS OF TAPE.

NOTE 2*: ALL COLOR BANDS INSTALLED AT THE TOWER TOP SHALL BE A MINIMUM OF 3" WIDE AND SHALL HAVE A MINIMUM OF ¾" OF SPACING BETWEEN EACH COLOR.

NOTE 3*: ALL COLOR BANDS INSTALLED AT OR NEAR THE GROUND MAY BE ONLY ¾" WIDE. EACH TOP-JUMPER SHALL BE COLOR CODED WITH (1) SET OF 3" WIDE BANDS.

NOTE 4*: EACH MAIN COAX SHALL BE COLOR CODED WITH (1) SET OF 3" BANDS NEAR THE TOP-JUMPER CONNECTION AND WITH ¾" COLOR BANDS JUST PRIOR TO ENTERING THE BTS OR TRANSMITTER BUILDING.

NOTE 5*: ALL BOTTOM JUMPERS SHALL BE COLOR CODED WITH (1) SET OF ¾" BANDS ON EACH END OF THE BOTTOM JUMPER.

NOTE 6*: ALL COLOR CODES SHALL BE INSTALLED SO AS TO ALIGN NEATLY WITH ONE ANOTHER FROM SIDE-TO-SIDE.

NOTE 7*: EACH COLOR BAND SHALL HAVE A MINIMUM OF (3) WRAPS AND SHALL BE NEATLY TRIMMED AND SMOOTHED OUT SO AS TO AVOID UNRAVELING.

NOTE 8*: X-POLE ANTENNAS SHOULD USE "XX-1" FOR THE "+45" PORT, "XX-2" FOR THE "-45" PORT.

NOTE 9*: COLORBAND #4 REFERS TO THE FREQUENCY BAND: ORANGE=850, VIOLET=1900. USED ON JUMPERS ONLY.

NOTE 10*: RF FEEDLINE SHALL BE IDENTIFIED WITH A METAL TAG (STAINLESS OR BRASS) AND STAMPED WITH THE SECTOR, ANTENNA POSITION, AND CABLE NUMBER.

NOTE 11*: ANTENNAS MUST BE IDENTIFIED, USING THE SECTOR LETTER AND ANTENNA NUMBER, WITH A BLACK MARKER PRIOR TO INSTALLATION.

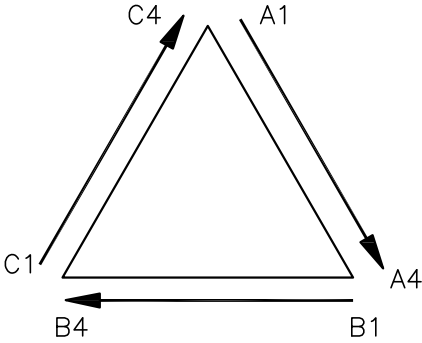
NOTE 12*: ONLY "SECTOR-SPLIT" ANTENNA COAX SHALL CONTAIN A 5TH COLORBAND TO INDICATE "LEFT" OR "RIGHT" BEAM.

NOTE 13*: "SECTOR-SPLIT" ANTENNA COAX SHALL USE BLACK TAPE AS A PLACEHOLDER ON MAINLINE FOR COLORBAND #4 (FREQ BAND)

NOTE 14*: "SECTOR-SPLIT" ANTENNAS SLATE FOR THE LEFT BEAM, AND YELLOW FOR THE RIGHT BEAM

NOTE 15*: "LOW" BAND REFERS TO 700MHZ OR 850MHZ, "HI" BAND REFERS TO 1900MHZ OR 2100MHZ

FIGURE 1: ANTENNA ORIENTATION



NOTE: ALPHA STARTS AT 0 (NORTH) OR FIRST AZIMUTH AFTER 0

NOTE: BETA IS FIRST AZIMUTH AFTER ALPHA IN CLOCK-WISE DIRECTION

NOTE: GAMMA IS FIRST AZIMUTH AFTER BETA IN CLOCK-WISE DIRECTION

NOTE: DELTA IS FIRST AZIMUTH AFTER GAMMA IN CLOCK-WISE DIRECTION

NOTE: AZIMUTH IS IDENTIFIED BY THE PANEL, NOT THE ELEMENTS INSIDE

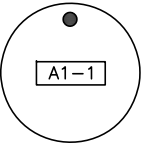


AT&T
Your world. Delivered.
Version 2.8 – Updated 5/28/2014

CABLE MARKING TAGS

TO PROVIDE ADDITIONAL IDENTIFICATION RF CABLES SHALL BE IDENTIFIED WITH A METAL TAG MADE OF STAINLESS STEEL OR BRASS AND STAMPED WITH THE SECTOR, ANTENNA POSITION, AND CABLE NUMBER. THE ID MARKING LOCATIONS SHOULD BE AS PER "CABLE MARKING LOCATIONS TABLE". THE TAG SHOULD BE ATTACHED WITH CORROSIVE PROOF WIRE OR WAX STRING AROUND THE CABLE. THE TAG SHOULD BE AMBLED AS SHOWN BELOW IN FIGURE 2.

FIGURE 2: TAG DETAIL EXAMPLE



CABLE MARKING LOCATIONS TABLE				
TAPE	TAG	LOCATIONS		
X		EACH TOP JUMPER SHALL BE COLOR CODED WITH (1) SET OF 3" WIDE BANDS.		
X		EACH MAIN COAX SHALL BE COLOR CODED WITH (1) SET OF 3" WIDE BANDS NEAR THE TOP-JUMPER CONNECTION AND WITH (1) SET OF 3/4" WIDE COLOR BANDS JUST PRIOR TO ENTERING THE BTS OR TRANSMITTER BUILDING.		
	X	MARKING TAGS SHALL BE ATTACHED AT CABLE ENTRY PORT ON THE INTERIOR OF THE SHELTER		
X		ALL BOTTOM JUMPERS SHALL BE COLOR CODED WITH (1) SET OF 3/4 " WIDE BANDS ON EACH END OF BOTTOM JUMPER.		



MasTec
Network Solutions
1351 E. Irving Park Rd
Itasca, IL 60143



Apex Engineers, Inc.
Structural & Civil Engineers
500 East 22nd Street, Suite B
Lombard, Illinois 60148
Ph. (630) 627-1800
Fax. (630) 627-1165
APEX JOB No. GT08-205

WINNETKA FIRE STATION
SITE NO. IL1340
8410 NORTH GREEN BAY ROAD
WINNETKA, IL 60093



AT&T
Mobility

3	09/21/23	REVISED PER COMMENTS	YA	SC	RG
2	05/09/23	FINAL CDs REVISED PER NEW SCOPING	YA	SC	RG
1	05/23/22	FINAL CDs REVISED PER COMMENTS	YA	PB	RG
0	11/05/21	FINAL CDs ISSUED FOR CONSTRUCTION	YA	PB	RG
B	10/28/21	REVISED PER NEW RFDS	YA	PB	RG
NO.	DATE	REVISIONS	BY	CHK	APP'D
SCALE: AS SHOWN		DESIGNED BY: XX	DRAWN BY: XX		

AT&T MOBILITY

COAX COLOR CODING

DRAWING NUMBER	REV
IL1340-11	3

WISIL STANDARD FIBER-OPTIC DEPLOYMENT PLANS (Version 2.8 – Updated 5/28/2014)

NOTE: ** DENOTES SPECIAL DEPLOYMENT WHERE RRH IS TECHNOLOGY SPLIT WITH UMTS AND LTE
NOTE: RRH'S DIIPICTED IN PARENTHESSES AND ITALICS INDICATE ERICSSON "A2" MODULES

FIBER TRUNK #1

RRH NAME	SECTOR	TECHNOLOGY	BAND	FIBER TRAY ID	FIBER TRAY PORT	SQUID/TRUNK PAIR
LTE-700-A1	A	LTE	700	A	1	1
LTE-700-B1	B	LTE	700	A	2	2
LTE-700-C1	C	LTE	700	A	3	3
LTE-2100-A2 (LTE-2100-A3)	A	LTE	2100	A	4	4
LTE-2100-B2 (LTE-2100-B3)	B	LTE	2100	A	5	5
LTE-2100-C2 (LTE-2100-C3)	C	LTE	2100	A	6	6
LTE-1900-A10 (LTE-1900-A11)	A	LTE	1900	A	7	7
**LTE-1900-A5s (LTE-1900-A6)						
LTE-1900-B10 (LTE-1900-B11)	B	LTE	1900	A	8	8
**LTE-1900-B5s (LTE-1900-B6)						
LTE-1900-C10 (LTE-1900-C11)	C	LTE	1900	A	9	9
**LTE-1900-C5s (LTE-1900-C6)						
LTE-850-A9/LTE-850-A4s	A	LTE	850	A	10	10
LTE-850-B9/LTE-850-B4s	B	LTE	850	A	11	11
LTE-850-C9/LTE-850-C4s	C	LTE	850	A	12	12
SPARE				B	7	13
SPARE				B	8	14
SPARE				B	9	15
SPARE				B	10	16
SPARE				B	11	17
SPARE				B	12	18

FIBER TRUNK #2

RRH NAME	SECTOR	TECHNOLOGY	BAND	FIBER TRAY ID	FIBER TRAY PORT	SQUID/TRUNK PAIR
UMTS-850-A4	A	UMTS	850	C	1	1
UMTS-850-B4	B	UMTS	850	C	2	2
UMTS-850-C4	C	UMTS	850	C	3	3
UMTS-1900-A5	A	UMTS	1900	C	4	4
UMTS-1900-B5	B	UMTS	1900	C	5	5
UMTS-1900-C5	C	UMTS	1900	C	6	6
UMTS-1900-A6	A	UMTS	1900	C	7	7
UMTS-1900-B6	B	UMTS	1900	C	8	8
UMTS-1900-C6	C	UMTS	1900	C	9	9
LTE-700-DE-A7	A	LTE	700DE	C	10	10
LTE-700-DE-B7	B	LTE	700DE	C	11	11
LTE-700-DE-C7	C	LTE	700DE	C	12	12
LTE-WCS-A8	A	LTE	WCS	B	1	13
LTE-WCS-B8	B	LTE	WCS	B	2	14
LTE-WCS-C8	C	LTE	WCS	B	3	15
SPARE				B	4	16
SPARE				B	5	17
SPARE				B	6	18

SECTORS	ALPHA	RED
	BETA	BLUE
	GAMMA	GREEN
TECH	UMTS	SLATE
	LTE	ORANGE
FREQBAND	700	BROWN
	850	VIOLET
	1900	ORANGE
	2100	WHITE
	WCS	YELLOW
	700DE	SLATE
PORT	MASTER	VIOLET
	SPLIT/SLAVE	YELLOW
	>10MHZ A2 MODULE F1	BROWN
	>10MHZ A2 MODULE F2	SLATE

NOTE: "RED", "BLUE", AND "GREEN" ARE NOT USED ON ANY OTHER COLOR BAND AND ALWAYS DE-NOTE THE 1st COLOR BAND

MIDWEST FIBER-OPTIC JUMPER COLOR CODE STANDARD (Version 2.8 – Updated 5/28/2014)

SECTOR	TECHNOLOGY	BAND	RADIO NAME	COLOR CODE				NOTES
A	LTE	700	LTE-700-A1	RED	ORANGE	BROWN	VIOLET	
A	LTE	2100	LTE-2100-A2	RED	ORANGE	WHITE	VIOLET	
A	LTE	2100	LTE-2100-A3	RED	ORANGE	WHITE	BROWN	"A2" MODULE, SEE NOTE 1 BELOW
A	UMTS	850	UMTS-850-A4	RED	SLATE	VIOLET	VIOLET	
A	LTE	850	LTE-850-A4S	RED	ORANGE	VIOLET	YELLOW	"TECHNOLOGY-SPLIT"
A	UMTS	1900	UMTS-1900-A5	RED	SLATE	ORANGE	VIOLET	
A	LTE	1900	LTE-1900-A5S	RED	ORANGE	ORANGE	YELLOW	"TECHNOLOGY-SPLIT"
A	LTE	1900	LTE-1900-A6	RED	ORANGE	ORANGE	SLATE	"A2" MODULE, SEE NOTE 1&2 BELOW
A	LTE	700D/E	LTE-700DE-A7	RED	ORANGE	YELLOW	VIOLET	
A	LTE	WCS	LTE-WCS-A8	RED	ORANGE	SLATE	VIOLET	
A	LTE	850	LTE-850-A9	RED	ORANGE	VIOLET	VIOLET	
A	LTE	1900	LTE-1900-A10	RED	ORANGE	ORANGE	VIOLET	
A	LTE	1900	LTE-1900-A11	RED	ORANGE	ORANGE	BROWN	"A2" MODULE, SEE NOTE 1 BELOW
B	LTE	700	LTE-700-B1	BLUE	ORANGE	BROWN	VIOLET	
B	LTE	2100	LTE-2100-B2	BLUE	ORANGE	WHITE	VIOLET	
B	LTE	2100	LTE-2100-B3	BLUE	ORANGE	WHITE	BROWN	"A2" MODULE, SEE NOTE 1 BELOW
B	UMTS	850	UMTS-850-B4	BLUE	SLATE	VIOLET	VIOLET	
B	LTE	850	LTE-850-B4S	BLUE	ORANGE	VIOLET	YELLOW	"TECHNOLOGY-SPLIT"
B	UMTS	1900	UMTS-1900-B5	BLUE	SLATE	ORANGE	VIOLET	
B	LTE	1900	LTE-1900-B5S	BLUE	ORANGE	ORANGE	YELLOW	"TECHNOLOGY-SPLIT"
B	LTE	1900	LTE-1900-B6	BLUE	ORANGE	ORANGE	SLATE	"A2" MODULE, SEE NOTE 1&2 BELOW
B	LTE	700D/E	LTE-700DE-B7	BLUE	ORANGE	YELLOW	VIOLET	
B	LTE	WCS	LTE-WCS-B8	BLUE	ORANGE	SLATE	VIOLET	
B	LTE	850	LTE-850-B9	BLUE	ORANGE	VIOLET	VIOLET	
B	LTE	1900	LTE-1900-B10	BLUE	ORANGE	ORANGE	VIOLET	
B	LTE	1900	LTE-1900-B11	BLUE	ORANGE	ORANGE	BROWN	"A2" MODULE, SEE NOTE 1 BELOW
C	LTE	700	LTE-700-C1	GREEN	ORANGE	BROWN	VIOLET	
C	LTE	2100	LTE-2100-C2	GREEN	ORANGE	WHITE	VIOLET	
C	LTE	2100	LTE-2100-C3	GREEN	ORANGE	WHITE	BROWN	"A2" MODULE, SEE NOTE 1 BELOW
C	UMTS	850	UMTS-850-C4	GREEN	SLATE	VIOLET	VIOLET	
C	LTE	850	LTE-850-C4S	GREEN	ORANGE	VIOLET	YELLOW	"TECHNOLOGY-SPLIT"
C	UMTS	1900	UMTS-1900-C5	GREEN	SLATE	ORANGE	VIOLET	
C	LTE	1900	LTE-1900-C5S	GREEN	ORANGE	ORANGE	YELLOW	"TECHNOLOGY-SPLIT"
C	LTE	1900	LTE-1900-C6	GREEN	ORANGE	ORANGE	SLATE	"A2" MODULE, SEE NOTE 1&2 BELOW
C	LTE	700D/E	LTE-700DE-C7	GREEN	ORANGE	YELLOW	VIOLET	
C	LTE	WCS	LTE-WCS-C8	GREEN	ORANGE	SLATE	VIOLET	
C	LTE	850	LTE-850-C9	GREEN	ORANGE	VIOLET	VIOLET	
C	LTE	1900	LTE-1900-C10	GREEN	ORANGE	ORANGE	VIOLET	
C	LTE	1900	LTE-1900-C11	GREEN	ORANGE	ORANGE	BROWN	"A2" MODULE, SEE NOTE 1 BELOW

NOTE 1: A SECONDARY JUMPER TO A2 MODULES IS REQUIRED WHEN A CARRIER BANDWIDTH EXCEEDS 10x10MHZ. A2 COLOR CODE IS REQUIRED.
NOTE 2: WHEN DEPLOYING 2 LTE CARRIERS WITHIN THE SAME BAND, F1 IS IDENTIFIED BY BROWN, F2 IS IDENTIFIED BY SLATE.

MasTec
Network Solutions

1351 E. Irving Park Rd
Itasca, IL 60143



Apex Engineers, Inc.

Structural & Civil Engineers
500 East 22nd Street, Suite B
Lombard, Illinois 60148
Ph. (630) 627-1800
Fax. (630) 627-1165

APEX JOB No. GT08-205

**WINNETKA FIRE STATION
SITE NO. IL1340**

8410 NORTH GREEN BAY ROAD
WINNETKA, IL 60093



AT&T

Mobility

3	09/21/23	REVISED PER COMMENTS	YA	SC	RG
2	05/09/23	FINAL CDs REVISED PER NEW SCOPING	YA	SC	RG
1	05/23/22	FINAL CDs REVISED PER COMMENTS	YA	PB	RG
0	11/05/21	FINAL CDs ISSUED FOR CONSTRUCTION	YA	PB	RG
B	10/28/21	REVISED PER NEW RFDS	YA	PB	RG
NO.	DATE	REVISIONS	BY	CHK	APP'D
SCALE: AS SHOWN		DESIGNED BY: XX	DRAWN BY: XX		

AT&T MOBILITY

FIBER-OPTIC JUMPER COLOR CODING

DRAWING NUMBER

IL1340-12

REV

3

11 x 17 "B" SIZE

Cell Site No.: IL1340
Cell Site Name: WINNETKA FIRE STATION
Fixed Asset No.: 10095256
Market: IL/WI
Address: 410 Green Bay Road

EXHIBIT 3
LICENSED PREMISES

EXHIBIT 3

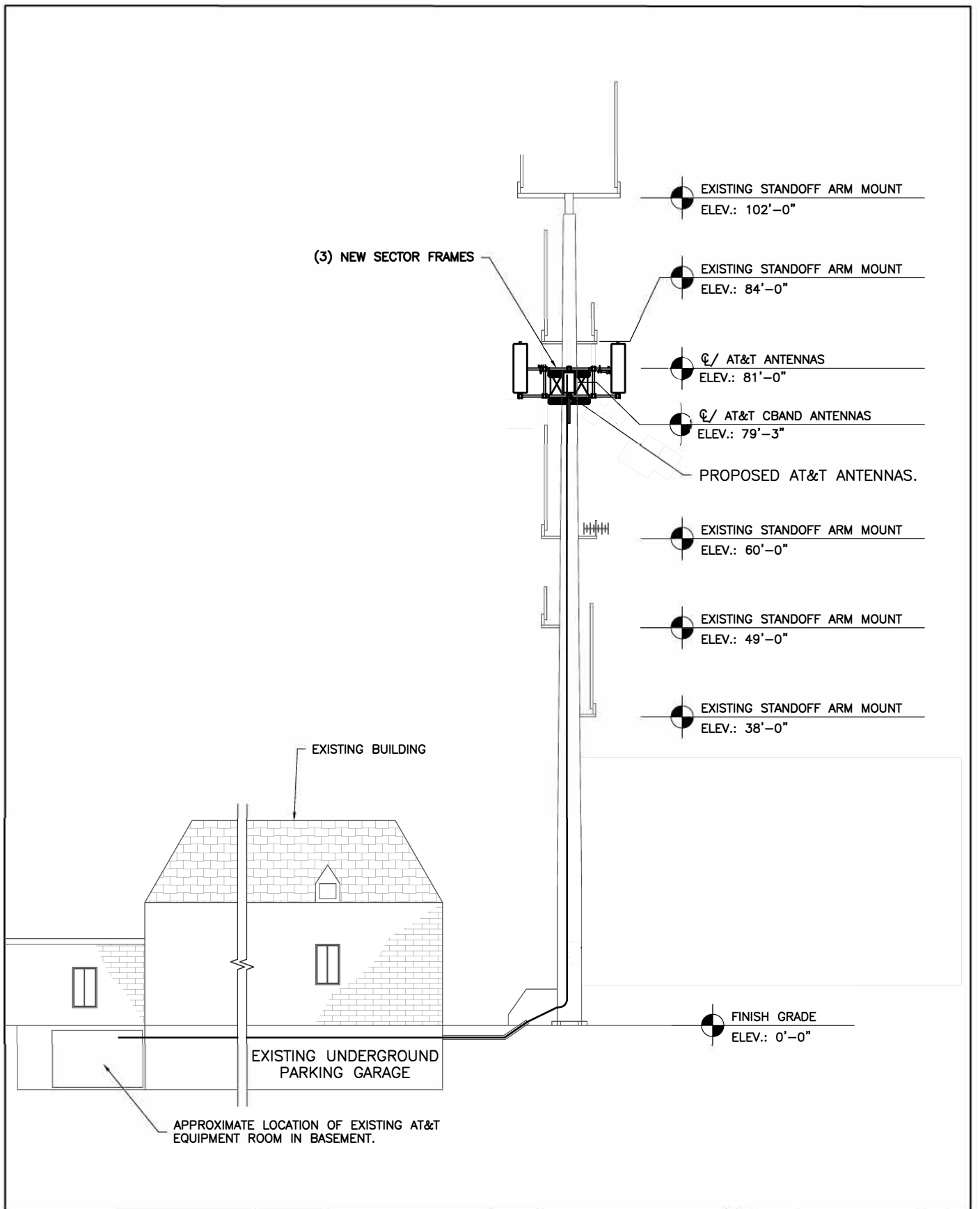
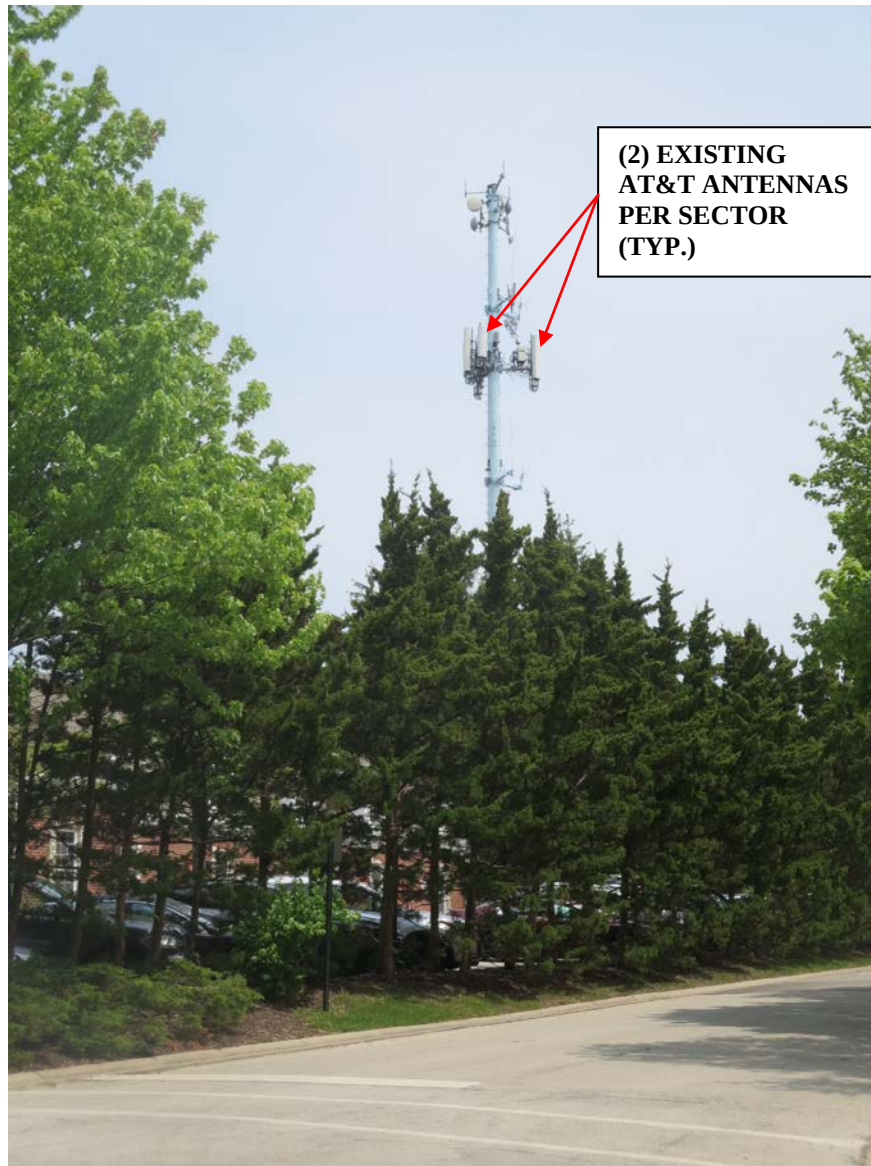


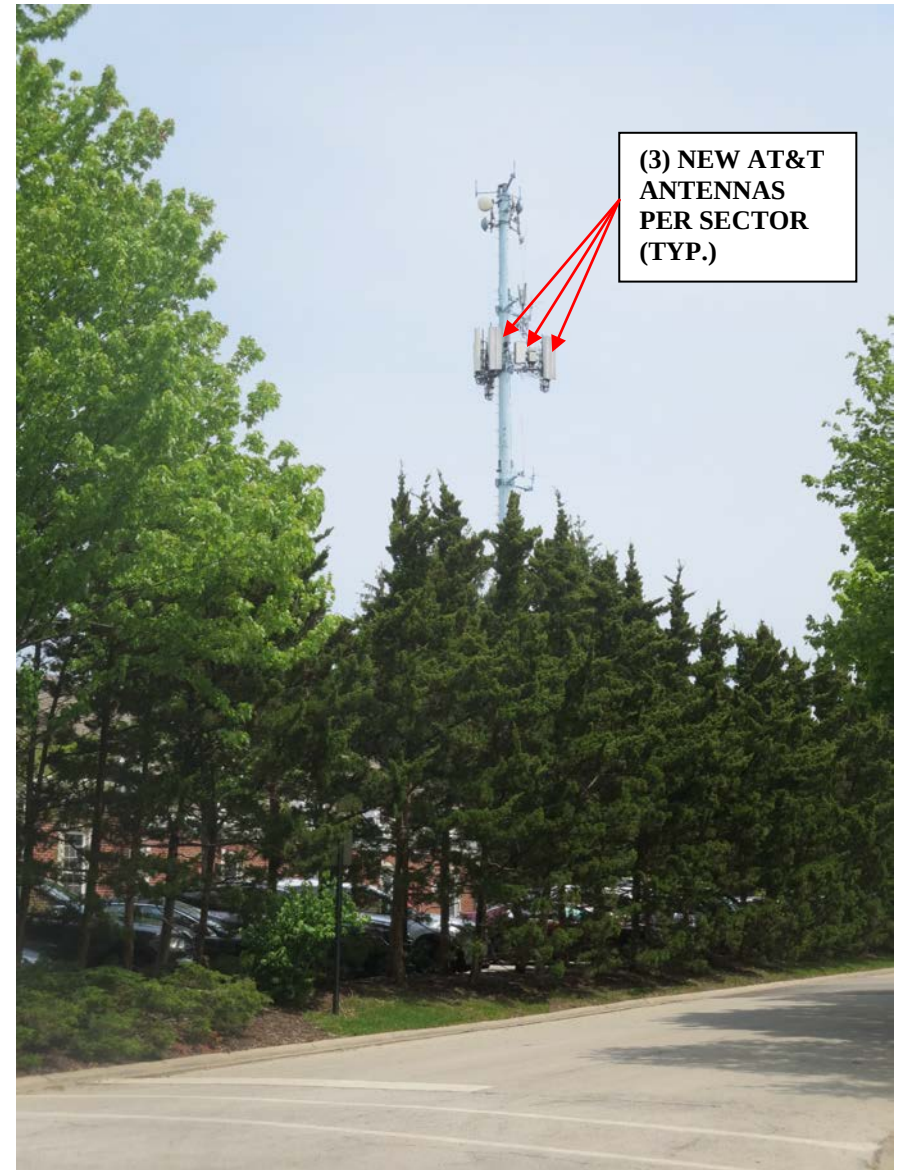
EXHIBIT 1A

Summary of Equipment Changes:

To be removed:				
Quantity	Equipment Type	Equipment Name	Weight	Dimensions
3	Antennas	Commscope SBJAH4-1D65B-DL	58 lbs.	72"x13.8"x8.2"
3	Antennas	Powerwave P65-16-XLH-RR	22.7 lbs.	72"x12"x6"
6	Radios	Ericsson RRUS-11	55 lbs.	17"x17.8"x7.2"
9	TMA's	E15S09P78	13.2 lbs.	12.5"x5.6" x 3.7"
6	Coax	1-5/8" Coax	NA	1.625" Diameter
To be added:				
Quantity	Equipment Type	Equipment Name	Weight	Dimensions
6	Antennas	Commscope NNH4-65B-R6H4	83.3 lbs.	72"x19.6"x7.8"
3	Antennas	Ericsson Air6449 B77D	83.8 lbs.	30.6"x15.9"x10.6"
3	Radios	4478 B14	59.9 lbs.	16.5"x13.4"x7.7"
3	Radios	4449 B5/B12	73 lbs.	14.96"x13.19"x10.43"
3	Radios	8843 B2/B66A	75 lbs.	14.96"x13.19"x11.1"
2	Squid	DC9-48-60-24-8C-EV	27.8 lbs.	31"x18"x10"
3	Surge Arrestor	CBC78T-DS-43	10.362 lbs.	6.378"x6.929"x4.764"
1	Fiber	24 Pair Fiber	NA	0.1" Diameter
6	Power Trunk	#6AWG DC Power	NA	0.78" Diameter



SOUTHWEST ELEVATION BEFORE



SOUTHWEST ELEVATION AFTER

NOTE: Photosim of Antenna Changes. New Sector Frame is not depicted.



NORTH ELEVATION BEFORE



NORTH ELEVATION AFTER



Agenda Item Executive Summary

TITLE: Resolution No. R-98-2023: Adopting the Annual Budget for the Fiscal Year Beginning January 1, 2024 and Ending December 31, 2024 (Introduction)

PRESENTER: Tim Sloth

AGENDA DATE: November 21, 2023

CONSENT: No

ITEM TYPE: Ordinances and Resolutions

ITEM HISTORY:

The Village Council held a budget meeting on November 3 to review the proposed fiscal year 2024 budget. The proposed FY2024 budget is available on our website at <https://www.villageofwinnetka.org/> and is on file at Village Hall and the Library. The Resolution adopting the budget is distributed one meeting prior to adoption so the public has an opportunity to review the materials.

EXECUTIVE SUMMARY:

A Public Hearing on the budget was advertised in the November 9, 2023 edition of the Winnetka Talk for November 21, 2023 at 7:00 p.m. The budget will result in an approximately 5.3% increase in costs for municipal services for a typical homeowner consisting of a: 2% increase in property taxes due to implementing a loss collection factor (\$65 annual cost increase on a \$25,000 total property tax bill); 10.25% increase in water charges (\$110 annual cost increase on a \$1,074 annual bill) 9.5% increase in residential electric charges (\$273 annual cost increase on a \$2,873 annual bill) 2.5% increase in residential refuse service (\$11 annual cost increase on a \$443 annual bill). The Village will consider adoption of this Resolution at the December 5, 2023 Council Meeting.

RECOMMENDATION:

- Conduct a public hearing on the 2024 Village of Winnetka Budget.
- Consider the introduction of Resolution No. R-98-2023, a Resolution Adopting the Annual Budget for the Fiscal Year Beginning January 1, 2024 and Ending December 31, 2024.

ATTACHMENTS:

1. Resolution No. R-98-2023: Adopting the Annual Budget for the Fiscal Year Beginning January 1, 2024 and Ending December 31, 2024

RESOLUTION NO. R-98-2023

**A RESOLUTION
ADOPTING THE ANNUAL BUDGET FOR THE FISCAL YEAR
BEGINNING JANUARY 1, 2024
AND ENDING DECEMBER 31, 2024**

WHEREAS, the corporate authorities of the Village of Winnetka (“Village Council”) have previously adopted Sections 8-2-9.1 through 8-2-9.10 of the Illinois Municipal Code, establishing the office of budget officer and authorizing the adoption of the annual budget in lieu of an annual appropriation ordinance; and

WHEREAS, on November 3, 2023, the Village Council placed the proposed, tentative annual budget for the fiscal year beginning January 1, 2024, and ending December 31, 2024, on file at the office of the Village Manager, at the Winnetka Public Library, and on the Village of Winnetka web site (www.villageofwinnetka.org), and has made the proposed, tentative annual budget available for public inspection since that date; and

WHEREAS, on November 21, 2023, pursuant to notice published on Thursday, November 9, 2023, in the Winnetka Talk, a newspaper published and in general circulation in the Village of Winnetka, the Village Council held a public hearing on the proposed tentative annual budget; and

WHEREAS, the Village of Winnetka is a home rule municipality in accordance with Article VII, Section 6 of the Constitution of the State of Illinois of 1970, pursuant to which it has the authority, except as limited by said Section 6 of Article VII, to exercise any power and perform any function pertaining to the government and affairs of the Village, including, but not limited to, the powers (i) to regulate for the protection of the public health, safety, morals and welfare, (ii) to license, (iii) to tax, and (iv) to incur debt; and

WHEREAS, the Village Council finds that establishing an annual budget for the Village, including estimating revenues and recommending expenditures, is a matter pertaining to the affairs of the Village.

NOW, THEREFORE, be it resolved by the Council of the Village of Winnetka as follows:

SECTION 1: The Annual Budget for the Village of Winnetka, which is attached hereto as Exhibit A and is incorporated by reference as if fully set forth herein, is hereby adopted as the Annual Budget for the Village of Winnetka for the Fiscal Year beginning January 1, 2024 and ending December 31, 2024.

SECTION 2: The adoption of the foregoing annual budget shall be in lieu of the appropriation ordinance required in Section 8-2-9 of the Illinois Municipal Code.

SECTION 3: Home Rule. This Resolution is adopted by the Council of the Village of Winnetka in the exercise of its home rule powers pursuant to Section 6 of Article VII of the Illinois Constitution of 1970.

SECTION 4: Effective Date. This resolution shall be in full force and effect immediately upon its adoption.

ADOPTED this 21 day of November, 2023, pursuant to the following roll call vote:

AYES: _____

NAYS: _____

ABSENT: _____

Signed:

Village President

Countersigned:

Village Clerk

Introduced: November 21, 2023

Adopted:

NOTE:

EXHIBIT A IS THE COMPLETE BUDGET DOCUMENT, WHICH, DUE TO ITS SIZE, CANNOT BE REPRODUCED IN FULL IN THESE AGENDA MATERIALS.

THE COMPLETE BUDGET DOCUMENT CAN BE FOUND IN THE FISCAL TRANSPARENCY SECTION OF THE VILLAGE'S WEBSITE WHICH IS LINKED DIRECTLY BELOW:

<https://www.villageofwinnetka.org/277/Fiscal-Transparency>

THE COMPLETE BUDGET ALSO REMAINS AVAILABLE FOR INSPECTION IN THE VILLAGE MANAGER'S OFFICE AND AT THE WINNETKA PUBLIC LIBRARY. THE COMPLETE, FINAL BUDGET WILL BE APPROPRIATELY LABELED AND WILL BE ATTACHED TO AND MAINTAINED WITH THE ORIGINAL BUDGET RESOLUTION FOLLOWING ITS ADOPTION.



Agenda Item Executive Summary

TITLE: Resolution No. R-99-2023: Amending General, Building, and Miscellaneous Service Fees (Introduction)

PRESENTER: Tim Sloth

AGENDA DATE: November 21, 2023

CONSENT: No

ITEM TYPE: Ordinances and Resolutions

ITEM HISTORY:

The Village Council held a budget review meeting on November 3, 2023 to review the proposed fiscal year 2023 budget. The Village Council sets general and building permit fees annually by resolution during the budget approval process.

EXECUTIVE SUMMARY:

The rate resolution includes a significant change in the calculation of Building Permit Fees for construction of new primary structures and additions. These permit fees are currently set utilizing a \$1.60 per horizontal square foot. Staff proposes setting permit fees based on construction value as is the current practice for remodeling existing structures.

Consistent with remodeling projects, staff proposes setting the Building Permit Fee for new primary structures and additions at \$30.00 per \$1,000.00 (3%), or fraction thereof, of the estimated total project cost. For structures deemed architecturally significant, granted a maximum building size bonus per Chapter 15.52 or Chapter 15.53 of the Village code, staff proposes a fee of \$20.00 per \$1,000.00 (2%), or fraction thereof, of the estimated total project cost.

Other minor permitting fee changes in this rate resolution include:

- Inflationary increases to permit deposits, plan review fees, permit bonds, restrictive permits (ex. fences, swimming pools etc.), electrical permits, plumbing, HVAC and miscellaneous building, zoning and construction activity fees.
- Elimination of certain incidental fees for remodeling, additions and new building permits, such as the removal of the plumbing base fee and fixture count, electric base fee and switch/outlet count, and roof fee.

As discussed at the November 3rd Council Budget review, the combined impact of these changes increased the building permit revenue budget by \$600,000 in the General Fund.

Other minor increases in the proposed rate resolution include the following:

- Inflationary increases in the fees for special services, film production and special events.
- Inflationary increase for Police special detail services for private events.
- Inflationary increase in Village Attorney fees charged for non-standard services related to post-approval implementation or amendment of development agreements, subdivisions and planned developments.

These minor increases and fee changes are not material and did not impact budgeted revenues.

The Village Code requires that this Resolution be introduced at a meeting and adopted at a subsequent meeting.

The Village will consider adoption of this resolution at the December 5, 2023 Council Meeting.

RECOMMENDATION:

Consider introduction of Resolution No. R-99-2023, a Resolution Amending General, Building, and Miscellaneous Service Fees.

ATTACHMENTS:

1. Resolution No. R-99-2023: Amending General, Building, and Miscellaneous Service Fees

RESOLUTION NO. R-99-2023

**A RESOLUTION
AMENDING GENERAL, BUILDING, AND
MISCELLANEOUS SERVICE FEES**

WHEREAS, the Village of Winnetka (“Village”) is a home rule municipality in accordance with Article VII, Section 6 of the Constitution of the State of Illinois of 1970, pursuant to which it has the authority, except as limited by Section 6 of Article VII of such Constitution, to exercise any power and perform any function pertaining to the government and affairs of the Village, including, but not limited to, the powers (i) to regulate for the protection of the public health, safety, morals and welfare, (ii) to license, (iii) to tax, and (iv) to incur debt; and

WHEREAS, pursuant to its home rule authority and the Illinois Municipal Code, the Village is permitted to set rates and charge fees for various permits, licenses and services; and

WHEREAS, the President and Village Council have determined that adoption of this Resolution will serve and be in the best interest of the Village of Winnetka;

NOW, THEREFORE, be it resolved by the Council of the Village of Winnetka as follows:

SECTION 1: RECITALS. The Village Council hereby adopts the foregoing recitals as its findings, as if fully set forth herein.

SECTION 2: GENERAL PERMIT, LICENSE AND REGISTRATION FEES. Fees are hereby established for certain permits, licenses and registrations, in the amounts and for the purposes set forth in the following Schedule of General Permit, License and Registration Fees, pursuant to the sections of the Winnetka Village Code (“Code”) referred to therein:

SCHEDULE OF GENERAL PERMIT, LICENSE AND REGISTRATION FEES

Note: Unless otherwise specifically provided in the following Schedule of General Permit, License and Registration Fees (“Schedule”), all annual permits, licenses and registrations provided for in this Schedule are due and payable on or before the beginning of the fiscal year (January 1) of each year, and remain in effect until the end of the fiscal year (December 31).

<u>Type of Permit, License or Registration</u>	<u>Amount of Fee</u>	<u>Code Section</u>
<i>Amusement Devices</i>		5.12.010
Daily	\$15.00	
Annual	\$25.00	
<i>Animals</i>		6.08.010
Dog License (Annual)		
Unspayed Female	\$15.00	
All Other Dogs	\$10.00	

<u>Type of Permit, License or Registration</u>	<u>Amount of Fee</u>	<u>Code Section</u>
<i>Animals (cont'd)</i>		6.08.010
Replacement License	\$2.00	
Taking up or Impounding Dog	\$55.00	
<i>Bicycle Registration</i>	No Fee	10.32.060
<i>Charitable and Political Solicitation</i>	None	5.48.010
<i>Circuses and Carnivals (Daily)</i>	\$100.00	5.52.040
<i>Film Production Application Fees</i>		
Basic Application Processing Fee	\$1,000.00	5.20.070
Additional Application Processing Fee (Per Hour)	\$250.00	5.20.070
<i>Food Dealers</i>		
Restaurant Permit: (Annual, based on seating capacity)		5.24.010
1-20	\$35.00	
21-50	\$45.00	
51-100	\$50.00	
More than 100	\$75.00	
Fast Food/Drive-In	\$75.00	
Food Store Permit (Annual, per cash register)	\$25.00	5.24.010
Temporary Food Dealer (Daily)	\$15.00	5.24.010
Vending Machine Operator Permit (Annual, per machine)	\$15.00	5.24.010
<i>Foresters, Tree Surgeons</i>		5.72.010
Annual License	\$15.00	
<i>Garbage and Refuse Scavenger</i>		8.16.040
Annual License	\$500.00	
<i>Junk Dealers (Annual)</i>		5.32.010
License, Base Fee	\$50.00	
Vehicle Fee (per vehicle)	\$25.00	
<i>Landscaper License</i>	\$25.00	5.78.020
<i>Laundries</i>		5.36.010
Annual Fee	\$15.00	

<u>Type of Permit, License or Registration</u>	<u>Amount of Fee</u>	<u>Code Section</u>
<i>Liquor Licenses</i>		
Class A Restaurant (Annual)	\$750.00	5.09.100
Class A-1 Restaurant w/ Limited Bar (Annual)	\$1,000.00	
Class A-2 Restaurant (Annual; Beer & Wine)	\$500.00	
Class A-3 Restaurant w/ Limited Bar (Annual; Beer & Wine)	\$750.00	
Class A-4 Specialty Restaurant (Annual; Wine)	\$500.00	
Class A-5 Specialty Restaurant (Annual; Wine)	\$500.00	
Class B - Grocery Store (Annual)	\$750.00	
Class C - Special Event (Daily)	\$25.00	
Maximum per event more than 2 days	\$75.00	
Class D – Package delivery service/mail (Annual; Retail)	\$150.00	
Class D-1 – Package delivery service/mail (Annual; Wholesale)	\$500.00	
Class E - Limited Food Products Store (Annual; Wine)	\$500.00	
Class E-1 - Limited Food Products Store (Annual; Wine)	\$500.00	
Class E-2 – Specialty Beverage Store (Annual; Wine and Beer)	\$500.00	
Class F Coffee Shop (Annual; Wine and Beer)	\$500.00	
Class P - Park District (Annual)	\$500.00	
Class X – Special Use (Daily)	\$25, Max \$75	
Class Y – Banquet Facilities	\$1,000.00	
Class W Wine Station Ride (eligible for A; A-1; A-2; A-3)	None	
<i>Parades and Processions</i>	None	10.08.060
<i>Pawnbrokers</i>		5.44.010
Annual Fee, per location	\$100.00	
<i>Public Garage and Service Station</i>		5.60.010
Base fee, annual	\$50.00	
For each fuel pump	\$5.00	
<i>Raffle, per event</i>	\$25.00	9.04.040
<i>Second Hand Dealers</i>		5.64.010
Annual Fee, per location	\$25.00	
<i>Special Event</i>		5.66.050
Application Fee	\$35.00	
User Fee	Actual Cost	See Section 7

<u>Type of Permit, License or Registration</u>	<u>Amount of Fee</u>	<u>Code Section</u>
<i>Taxicab Operator's License</i>	\$2.00	5.68.050
<i>Vehicle (Motor) Licenses</i>		10.12.030
Annual Fee	\$40.00	
Late Fee	\$20.00	
Semi-Annual Fee (if purchased after 6/30)	\$20.00	
Transfer Fee	\$1.00	

SECTION 3: PARKING PERMIT FEES. Pursuant to Chapter 10.24 of the Winnetka Village Code, titled, "Parking," the following fees are hereby established for parking permits:

SCHEDULE OF PARKING PERMIT FEES

Semi-Annual Parking Permits (Commuter Parking Permits)

Note: Semi-annual parking permits are issued for the periods of January through June and July through December. Purchase and refund amounts are pro-rated based on the month in which the purchase or refund request is made. Only persons who reside in the Village of Winnetka, and who have a current Village vehicle sticker for a vehicle registered with the State to a Winnetka address, are eligible for the resident fee.

Month of Purchase or Refund	Purchase Cost		Refund Amount	
	Resident	Non-Resident	Resident	Non-Resident
January or July	\$100.00	\$220.00	\$83.33	183.33
February or August	83.33	183.33	66.67	146.67
March or September	66.67	146.67	50.00	110.00
April or October	50.00	110.00	33.33	73.33
May or November	33.33	73.33	16.67	36.67
June or December	16.67	36.67	—	—

Annual Parking Permits (Not refundable)

Business District Employee Parking Permit	\$10.00
---	---------

Daily Parking Permits (Not refundable)

Commuter Parking Lots	\$3.00
Business District Employee Parking	\$3.00
Banquet Parking Permit	\$3.00

Remote Lot Parking Permits (Public Works Yards)

Semi-annual charge per vehicle	\$120.00
--------------------------------	----------

Note: The Village Manager may issue permits to allow parking on a limited basis at the Village's landfill site, 1390 Willow Road, by businesses located in the Village of Winnetka, including but not limited to the United States Postal Service, for parking of their fleet vehicles, and by businesses located in the Village of Winnetka that are engaged in the retail sale of automobiles, for parking of their sales inventory. The Village Manager shall determine the number and location of such spaces that may be made available on the site may vary from time to time. Such space shall be limited to areas of the

site that the Village Manager determines will not interfere with the Village's use of the site. Requests for such parking shall be made directly to the Village Manager. Remote parking spaces shall not be available for the general public.

Valet Parking Permit Application

Fee for one calendar year from the \$250.00
Date of issuance of permit (5.76.030)

SECTION 4: FEES FOR VEHICLE IMPOUNDMENT AND TOWING. Fees and charges are hereby established for the impoundment, towing and storage of vehicles upon the issuance of a final notice for unpaid parking tickets, as set forth in the following Impoundment and Towing Fee Schedule, pursuant to the sections of the Winnetka Village Code ("Code") referred to therein:

IMPOUNDMENT AND TOWING FEES

<u>Type of Fee</u>	<u>Fee Amount</u>	<u>Conditions for Payment or Refund</u>
<i>Impoundment</i>	\$200.00	Payment is required prior to release of vehicle. Payment will be refunded if the hearing officer determines that the impoundment was not conducted in accordance with the procedural requirements of Village Code Section 10.24.130.
<i>Towing and/or Storage - Private Contractor</i>	Actual cost as billed by the towing or impounding facility	Payment is required prior to release of towed, removed, relocated and/or stored vehicle. Payment will be refunded if the hearing officer determines that the towing, removal, relocation and/or storage was not conducted in accordance with the procedural requirements of Village Code Section 10.24.130.
<i>Storage on Village Property</i>	\$10.00 per day, per vehicle	Payment is required prior to release of stored vehicle. Payment will be refunded if the hearing officer determines that the storage was not conducted in accordance with the procedural requirements of Village Code Section 10.24.130.
<i>Collateral</i>	100% of the amount of all outstanding fines due, as stated in the final notice.	Payment is required prior to release of impounded, towed, removed, relocated and/or stored vehicle. Payment is also required before a request for a judicial proceeding made pursuant to a "final notice" is processed. Payment will be refunded if, as the result of the dismissal of outstanding or unsettled traffic violation notices, judgments and/or warrants by a court of competent jurisdiction, the impounded or removed vehicle is subject to fewer than five unsatisfied fines for violation of any parking ordinance of the Village.

SECTION 5: MISCELLANEOUS SERVICE FEES. Fees are hereby established for the following certain miscellaneous services and purchase items in the amounts and for the purposes set forth in the following Schedule of General Permit, License and Registration Fees, pursuant to the sections of the Winnetka Village Code ("Code") referred to therein:

SCHEDULE OF GENERAL PERMIT, LICENSE AND REGISTRATION FEES

<u>Miscellaneous Service Fees</u>	<u>Amount of Fee</u>	<u>Code Section</u>
<i>Ambulance Services - Residents</i>		2.52.040
Advanced Life Support – Level 1	\$725.00	
Advanced Life Support – Level 2	\$775.00	
Basic Life Support	\$575.00	
Mileage Charge (per loaded patient mile)	\$12.00	
<i>Ambulance Services – Non-Residents</i>		
Advanced Life Support – Level 1	\$900.00	
Advanced Life Support – Level 2	\$950.00	
Basic Life Support	\$700.00	
Mileage Charge (per loaded patient mile)	\$12.00	
<i>Audit (Print copy)</i>	\$35.00	
<i>Annual Budget (Print copy)</i>	\$35.00	
<i>Certified copies (per certification)</i>	\$1.00	
<i>Comprehensive Plan</i>		
With Maps	\$35.00	
Without Maps	\$8.50	
<i>Copying, Scanning and Printing Charges</i>		
In-house copying		
Black & White, 8½" x 11" (per side)	\$0.15	
Black & White, 8½" x 14" (per side)	\$0.15	
Black & White, 11" x 17" (per side)	\$0.50	
Color, 8½" x 11" (per side)	\$0.50	
Color, 8½" x 14" (per side)	\$1.00	
Color, 11" x 17" (per side)	\$1.00	
Out-sourced copying	Actual Cost	
Oversize documents (plats, etc.)	Actual Cost	
<i>Credit Card Fee</i>		
For credit card payments over \$10,000	3%	

<u>Miscellaneous Service Fees</u>	<u>Amount of Fee</u>	<u>Code Section</u>
<i>Fire Alarm Monitoring Services</i> (direct connections to Village's fire alarm monitoring system only)	\$61.00 per month	
<i>Kenilworth Fire Service</i> Annual amount per IGA (2023)	\$467,471	R-114-2022
<i>Other, Unspecified Services</i>	Actual Cost	
<i>Special Detail Police Services</i>	\$75.00 per hour	
<i>Street Cleaning</i>	\$550.00	
<i>Unincorporated Fire Service</i> Annual amount per Contract address	\$1,446.08	13.040.120
<i>Winnetka Village Code</i>	\$200.00	
<i>Winnetka Zoning Ordinance</i>	\$10.00	

SECTION 7: FEES FOR SPECIAL SERVICES, FILM PRODUCTION AND SPECIAL EVENTS. Services provided or performed in conjunction with film production permits issued pursuant to Chapter 5.20 of the Winnetka Village Code and in conjunction with special event permits issued pursuant to Chapter 5.66 of the Winnetka Village Code shall be subject to the following fee schedule:

SCHEDULE OF SPECIAL SERVICE FEES

Note: The following hourly rates shall be assessed for: (i) all services provided in conjunction with film production and film production permits issued pursuant to Chapter 5.20 of the Village Code; (ii) all services provided in conjunction with film special events and events subject to special events permits issued pursuant to Chapter 5.66 of the Village Code; and (iii) all other non-standard services provided by Village personnel and all other uses of Village equipment not subject to specific fees set out in either this resolution.

<u>Department</u>	<u>Hourly Rate</u>
<i>Village Administration & Finance Departments</i>	
Village Manager	\$400
Assistant Village Manager	\$330
Village Attorney	\$400
Department Head	\$330
Supervisory Personnel	\$220
Clerical/Support Staff	\$220
<i>Police Department</i>	
Command Staff (Deputy Chief, Commanders)	\$275
Sergeants	\$220

<u>Department</u>	<u>Hourly Rate</u>
Administrative Services Manager	\$220
Patrol Officers	\$185
Support Staff	\$160
Vehicles	\$60
<i>Fire Department</i>	
Command Staff (Deputy Chief, Captains)	\$275
Lieutenants	\$220
Fire Medics	\$185
Support Staff	\$160
Light Vehicles	\$70
Ambulance	\$125
Fire Truck / Engine	\$530
<i>Public Works</i>	
Supervisory	\$220
Engineers	\$220
Maintenance Workers	\$160
Light Trucks	\$70
Medium Trucks	\$100
Heavy Trucks, Refuse Trucks, Street Sweepers	\$150
<i>Community Development</i>	
Assistant Director	\$275
Planners, Architect	\$220
Inspectors	\$185
Clerical / Support Staff	\$160
Vehicles	\$60
<i>Water & Electric</i>	
Assistant Director	\$275
Supervisory	\$220
Plant Operators	\$185
Linemen	\$185
Clerical / Support Staff	\$160
Light Trucks	\$70
Medium Trucks	\$100
Heavy Trucks, Boom Trucks	\$150

SECTION 8: BUILDING PERMIT, LICENSE AND REGISTRATION FEES.

Pursuant to the sections of the Winnetka Village Code (“Code”) referred to in the following Schedule Building, Zoning and Construction Activity Fees (“Fee Schedule”), there are hereby established certain permit, license and registration fees, in the amounts and for the purposes set forth in said Fee Schedule:

[Remainder of this page intentionally left blank.]

SCHEDULE OF BUILDING, ZONING AND CONSTRUCTION ACTIVITY FEES

WORK PERFORMED WITHOUT PERMITS (SECTION 15.32.010)

All permit fees for work performed without a required permit shall be double the amount of the fees for the required permits.

PERMIT DEPOSITS (SECTIONS 15.32.020, 15.54.120)

[Note: Deposits must be submitted with permit applications. The Village's costs, including plan review and re-inspections, will be deducted from deposits. Deposit balances will be retained by the Village until a final certification of occupancy is approved.]

For Building Demolition Permits with site restoration or new building construction plans	\$ 5,000
For Construction and Demolition Debris Recycling	\$ 2,500
For Temporary Certificate of Occupancy	\$ 5,000
For Tree Replacement (for each inch of DBH)	\$ 300

PLAN REVIEW FEES (SEC. 15.32.020)

For all Building Permits, other than restrictive building permits:

- 15% of building permit fee, \$100 minimum.

For review of Construction Document Revisions

- \$20 for each review where original building permit was subject to minimum fee, building permit is not required, or revision is for a restrictive building permit.
- \$130 for all reviews of any revision to building permit construction documents that do **not** require zoning, engineering, and/or forestry reviews.
- \$170 for all reviews of any revision to building permit construction documents that require zoning, engineering, and/or forestry reviews for minor revisions (as determined by the Director of Community Development).
- 25% of original plan review fee for all reviews of any major revision to building permit construction documents (as determined by the Director of Community Development).

For engineering review required for building in the flood plain:

- | | |
|---|---------------|
| • Flood plain development review | \$ 600 |
| • Letter of Map Revisions (LOMR) review | \$ 600 |

For plan reviews required for fire and life safety systems (Sec. 15.16.070)

- | | |
|-----------------------------|--------------------|
| • Fire Department review | \$ 150 |
| • Technical review services | Actual cost |

SCHEDULE OF BUILDING, ZONING AND CONSTRUCTION ACTIVITY FEES

CONTRACTOR PERMIT BOND (Sec. 15.32.060)

[Note: Bond to be payable to the Village of Winnetka. Contractor may provide a certified copy of its current unified contractor bond in amount of no less than \$50,000, as on file with Cook County Clerk.] \$ 25,000

BUILDING PERMIT FEES (Sec. 15.32.020)

Alterations, including remodeling, additions to existing structures, and new primary structures, and for other construction activity not specified by Resolution of the Council ("Major Permits")

- \$30.00 per \$1,000.00 or fraction thereof of the estimated total project cost, \$100.00 minimum.

Alterations, including remodeling, and additions to a historic or architecturally significant structure granted the maximum building size bonus per Chapter 15.52 or Chapter 15.53 of the Village Code (Major Permit).

- \$20.00 per \$1,000.00 or fraction thereof of the estimated total project cost, \$100 minimum.

RESTRICTIVE PERMITS

Canopy/Awning (Sec. 15.44.030) \$ 90 each
[Note: Certificate of Appropriateness of Design may be required.]

Construction Trailers (Sec. 15.32.020) \$ 290 each

Demolition (Sec. 15.52.020)

- For each accessory structure \$ 60
- For demolition with building permit application and complete construction documents. \$16,070
- For demolition with site restoration plan and schedule. \$16,070
(Note: The \$16,070 includes \$600 reimbursement of payment made by Village of Winnetka to Winnetka Historical Society for research related to demolition of a primary structure)

Fences (Sec. 15.44.060) \$85 each

Historic Maximum Building Size – Alteration or Addition Administrative Review Escrow \$1,500

Roofing (Sec. 15.32.020 and 15.44.100) \$85 each

Signs (Sec. 15.60.140)

[Note: Signs may require Certificate of Appropriateness of Design.]

- For each non-illuminated sign \$ 80
- For each illuminated sign (includes electrical permit fee) \$195

Swimming Pools (Sec. 15.56.020) \$ 680
[Note: Includes electrical, plumbing and fence permits]

SCHEDULE OF BUILDING, ZONING AND CONSTRUCTION ACTIVITY FEES

Tree Enhancement/Tree Protection Plan Review (Sec. 15.28.070)

- For each review per lot in development site \$ 100

Landscape/Tree Replacement Plan Review (Sec. 15.28.050 and 15.28.060)

- For each review per lot in development site \$ 100

Tree Removal Permit Fee (Sec. 15.28.040)

- For each tree \$ 75

Zoning Analysis, Pre-Building Permit Submittal

\$100

ELECTRICAL PERMITS – For permits other than Major Permits, unless otherwise noted (Sec. 15.32.020 and 15.44.050)

- Base Fee for All Permits \$90
- Electrical Fixtures-outlets, receptacles and switches \$ 1.40
- Motors over 0.5 hp, per motor \$30
- New Service or Modifications to Existing Service Entrance Equipment
[Note: Permit fees are waived if modifications result from Water
& Electric Department's scheduled undergrounding program.] \$70
- Temporary Service, per service – For All Permits, including Major Permits
 - Overhead \$ 450
 - Underground (excavation not included) \$ 740

PLUMBING AND MECHANICAL (HVAC) PERMITS (Sec. 15.32.020 and 15.44.050)

Plumbing – For permits other than Major Permits

- Base Fee for All Plumbing Permits (includes 5 fixtures) \$ 90
- Plumbing Fixtures (beginning with the sixth fixture), per fixture \$ 13
- Process Piping for Heating System, per unit \$ 130

HVAC– For permits other than Major Permits

[Note: Exterior installations require zoning approval.]

- Base Fee for all HVAC Permits \$ 100
- For replacement of duct work only, per unit \$60
- For totally new system, per unit \$120
- For each roof-top unit, new or replacement \$130
- For each new or replacement AC unit, if total capacity on the property is 8 tons or more. \$ 130
- For minor heating/cooling/ventilation system items, per unit. \$ 35

Irrigation

- Base Fee \$ 105
- Per Sprinkler Head \$ 1.20

SCHEDULE OF BUILDING, ZONING AND CONSTRUCTION ACTIVITY FEES

MISCELLANEOUS FEES

Construction & Demolition Debris (Sec. 15.54.080)	\$ 325
Development Agreement — Base Fee (Sec. 15.32.080(K))	\$1,500
[Note: Base Fee includes standard staff review time and 3 hours of Village Attorney time.]	
Development Agreement — Supplemental Fee (Sec.15.32.080(K))	Variable,
All Village costs in excess of those included in the Base Fee shall be based upon the actual time spent by the Village, plus costs incurred, and shall be incorporated into the Development Agreement.	based on Staff time
Partial Permits (Sec. 15.32.110)	\$ 200
Permit Renewal (Sec. 15.32.200)	50% of total original building permit fee
Stop Work Order (Sec. 15.04.100)	
• 1 st Stop Work Order	\$ 325
• 2 nd Stop Work Order	\$ 650
• 3 rd Stop work Order	\$ 975
Temporary Certificate of Occupancy (Sec. 15.36.010)	\$ 350
Village Attorney Services (Sec. 5.66.040)	\$400 per hour,
For non-standard services related to post-approval implementation or amendment of development agreements, subdivisions and planned developments	½ hour increments

PETITION FILING FEES

Administrative Appeals

• Building Code Appeals (Sec. 15.72.010)	\$ 450
• Zoning Appeals (Sec. 17.72.010)	\$ 575
• Appeal of Landmark Preservation Commission Maximum Building Size Bonus Determination (Sec. 15.52.060 & 15.53.030)	\$250
• Appeal of Landmark Preservation Demolition Delay Determination Appeals (Sec. 15.52.070)	\$250

Certificate of Appropriateness of Design (Sec. 15.40.010)

• For each new primary structure or addition thereto	\$ 575
• For each existing structure	\$ 135
• For each application for signs, canopies, or awnings	\$ 70

Driveway Variation (Sec. 12.12.010 and 15.44.040)	\$ 275
--	--------

Flood Plain Variation (Sec. 15.68.100)	\$ 800
---	--------

SCHEDULE OF BUILDING, ZONING AND CONSTRUCTION ACTIVITY FEES

Sign Variation (Sec. 15.60.250)	\$ 275
Historic Maximum Building Size Fees	
• Preliminary Property History Study Preparation Fee (Sec 15.53.020)	\$550
• Maximum Building Size Bonus Application Fee (Sec 15.53.020)	\$300
• Alteration or Addition Administrative Review Escrow (Sec.15.52.090 & 15.53.050)	\$1,500
[Note: Escrow fees must be submitted with applications. The Village's costs for an analysis prepared by an architectural historian, historic architect, or other similarly qualified professional will be deducted from the escrow fees. Escrow balances will be retained by the Village until the Director or Village Council, determine whether proposed alterations to the exterior or additions to a building would destroy the nature of a building's Critical Exterior Historical or Architectural Features and all third-party costs are paid by the Village. Additional funds may be required if insufficient to cover the Village's third-party costs.]	
Special Use Permit (Sec. 17.56.010)	\$ 1,200
Subdivision or Consolidation of Land – Base Fee (Sec. 16.04.040)	\$ 1,200
[Note: Base Fee includes standard staff review time and 3 hours of Village Attorney time.]	
Subdivision of Land – Supplemental Fee (Sec. 15.32.080(K))	Variable,
All Village costs in excess of those included in the Base Fee shall be based upon the actual time spent by the Village, plus costs incurred. For projects requiring a Development Agreement, the supplemental fee shall be incorporated into the Development Agreement.	
	based on Staff time
Zoning Map Amendment (Sec. 17.72.040)	\$ 2,500
Zoning Planned Development (Chapter 17.58)	\$ 1,200
Zoning Text Amendment (Sec. 17.72.040)	\$ 1000
Zoning Variation by Zoning Administrator (Minor Variation) (Sec. 17.60.015)	\$ 325
Zoning Variation by Zoning Board of Appeals (Standard Variation) (Sec. 17.60.020)	\$ 525
Zoning Variation by Ordinance (Major Variation)(Sec. 17.60.030)	\$ 1,000
STREETS, SIDEWALKS, DRIVEWAYS AND OTHER IMPERMEABLE SURFACES (Sec. 12.04.110)	
Driveway curb cut, new or enlarged (Sec. 12.12.010)	\$200
[Note: Includes right-of-way excavation fee.]	

SCHEDULE OF BUILDING, ZONING AND CONSTRUCTION ACTIVITY FEES

Right-of-way Excavation and/or Occupation, per excavation/occupation (Sec. 12.16.010 and 12.20.010)	\$ 200
Sewer, per sewer line type (Sec. 15.24.090)	\$150
Impermeable Surfaces (including driveways, sidewalks, patios, etc.) (For permits other than Major Permits)(Sec. 12.08.010)	\$75
Street Replacement (Sec. 12.04.20) • Noncompliance fee	\$5,000

[Remainder of this page intentionally left blank.]

SECTION 9: DETERMINATION OF CONSTRUCTION COSTS. In setting any fee based on the cost of construction, the Director of Community Development may use any of the following methods:

- A. An estimate furnished by the permit applicant;
- B. A certification of the cost of construction from a licensed architect or a registered structural or professional engineer;
- C. An affidavit from the owner or the owner's agent setting forth the estimated cost of the proposed work; or
- D. A calculation to be made by the Director of Community Development, based on the most current edition of the RS Means Square Foot Costs Book.

SECTION 10: FEE FOR RETURNED PAYMENTS. A fee of \$30.00 shall be charged for any payment of fees charged pursuant to this Resolution that is returned to the Village for any reason (excluding building permits), including, but not limited to, insufficient funds, account closed, or referred to maker.

SECTION 11: FEE FOR RETURNED BUILDING PERMIT PAYMENTS. A fee in the amount of \$150.00 or 5% of the building permit fee, whichever is greater, shall be charged for any payment that is returned to the Village for any reason, including, but not limited to, insufficient funds, account closed, or referred to maker.

SECTION 12: REPEALER. Resolution R-94-2021 shall be, and is hereby, repealed and shall no longer be in force and effect from and after the passage of this Resolution and approval according to law.

SECTION 13: EFFECTIVE DATE. This Resolution shall be in full force and effect from and after its passage and approval according to law, but in no event prior to January 1, 2021.

ADOPTED this 21 day of November, 2022, pursuant to the following roll call vote:

AYES: _____

NAYS: _____

ABSENT: _____

Signed:

Village President

Countersigned:

Village Clerk

Introduced: November 21, 2023

Adopted:



Agenda Item Executive Summary

TITLE: Resolution No. R-100-2023: Establishing Rates and Fees Related to Utility Services (Introduction)

PRESENTER: Tim Sloth

AGENDA DATE: November 21, 2023

CONSENT: No

ITEM TYPE: Ordinances and Resolutions

ITEM HISTORY:

The Village Council held a budget review meeting on November 3, 2023 to review the proposed fiscal year 2024 budget. The Village Council sets utility fees annually by resolution during the budget approval process.

EXECUTIVE SUMMARY:

Because of the projected capital needs of the electric, water, and refuse utilities, rate adjustments for each are proposed and incorporated in the FY 2024 budget. Water rates derived from the Water Rate Study conducted in 2016-2017 along with an additional 1.75% to fund lead service line replacements are implemented in the proposed rate resolution. Incorporated, unincorporated, and special service customers will see a rate increase of 10.25% in changes to the volumetric rate (cu.ft.). The Northfield wholesale rate is set by contract and is subject to rate adjustments outside the budget process. Electric rates include an 9.72% average increase across all customer types. Rate adjustments are comprised of changes to the volumetric (kWh) rate and the customer charge. The proposed rate adjustments are to offset an increase in the cost of purchased power charged to Winnetka by the Illinois Municipal Electric Agency (IMEA) and also to provide funding for necessary capital improvements. Residential refuse rates are increasing by 2.5% for all customers, while commercial refuse fees will see a rate increase of 7.5%. Refuse increases are largely driven by the increased costs charged by the Village's contracted recycling provider. Sanitary and stormwater sewer fees remain unchanged. The Village will consider adoption of this Resolution at the December 5, 2023 Council Meeting.

RECOMMENDATION:

Consider introduction of Resolution No. R-100-2023, a Resolution Establishing Rates and Fees Related to Utility Services.

ATTACHMENTS:

1. Resolution No. R-100-2023: Establishing Rates and Fees

A RESOLUTION ESTABLISHING RATES AND FEES

RELATED TO UTILITY SERVICES

WHEREAS, the Village of Winnetka is a home rule municipality in accordance with Article VII, Section 6 of the Constitution of the State of Illinois of 1970, pursuant to which it has the authority, except as limited by Section 6 of Article VII of such Constitution, to exercise any power and perform any function pertaining to the government and affairs of the Village, including, but not limited to, the powers (i) to regulate for the protection of the public health, safety, morals and welfare, (ii) to license, (iii) to tax, and (iv) to incur debt; and

WHEREAS, the Village of Winnetka (“Village”) owns, operates, and provides the following services in the Village (collectively, “*Utility Services*”): (i) a water utility that provides water service; (ii) an electric utility that provides electric service; (iii) a public sewer system; (iv) a municipal waste system that provides for the collection, transportation and disposal of refuse and yard waste; and (v) a public stormwater utility to provide stormwater management services; and

WHEREAS, pursuant to its home rule authority and the Illinois Municipal Code, the Village is permitted to charge fees for Utility Services; and

WHEREAS, the President and Village Council have determined that adoption of this Resolution will serve and be in the best interest of the Village of Winnetka;

NOW, THEREFORE, be it resolved by the Council of the Village of Winnetka as follows:

SECTION 1: RECITALS. The Village Council hereby adopts the foregoing recitals as its findings, as if fully set forth herein.

SECTION 2: FEES FOR WATER.

A. **Water Rates.** Each customer using water furnished by the Village of Winnetka Water and Electric Department shall be charged for such service in accordance with the following Schedules of Volumetric Water Rates and Water Customer Charges, as provided in Section 13.04.040 of the Winnetka Village Code:

[Remainder of this page intentionally left blank.]

SCHEDULE OF VOLUMETRIC WATER RATES

<u>Type of Customer</u>	<u>Rate</u>
Service within corporate limits	\$57.17 per 1,000 cubic feet, as metered
Service outside of corporate limits	\$102.35 per 1,000 cubic feet, as metered
Service to Village of Northfield:	Rate established by agreement approved by resolution of the Village Council
Wholesale Rate	Rate equal to "Service to Village of Northfield" rate
Special Service	\$42.86 per 1,000 cubic feet, as metered

SCHEDULE OF WATER CUSTOMER CHARGES

<u>Type of Customer (Meter Size)</u>	<u>Monthly Service Charge</u>
Less than or equal to One Inch (1")	\$ 12.71
One and One Half Inches (1.5")	\$ 18.37
Two Inches (2")	\$ 26.12
Three Inches (3")	\$ 83.20
Four Inches (4")	\$ 104.35
Six Inches (6")	\$ 153.69
Eight Inches (8")	\$ 210.03

B. Disconnection/Reconnection Fees. The following fees shall be charged and collected for service calls to either disconnect or reconnect service as the result of nonpayment, as provided in Section 13.04.060 of the Winnetka Village Code:

SERVICE DISCONNECTION OR RECONNECTION FEE

<u>Time of Service Call</u>	<u>Fee</u>
During regular business hours (Monday through Friday, except for holidays, from 7:30 a.m. to 3:00 p.m.)	\$100.00 per service dispatch
All other times (evenings, nights, weekends and holidays)	\$448.00 per service dispatch

C. Water Service Tap Fees. The following fees shall be charged for the installation of water connections, as provided in Section 13.04.100 of the Winnetka Village Code:

WATER SERVICE TAP FEES

<u>Water Tap Size</u>	<u>Water Main Size</u>	<u>Fee</u>	<u>Service Included in Fee</u>
			Making tap, tapping sleeve, corp. stop, curb stop and box, and inspection
1 1/2" or less	8" or less	\$1,950	
			Making tap, tapping sleeve, corp. stop, curb stop and box, and inspection
1 1/2" or less	10" – 12"	\$2,350	
			Making tap, tapping sleeve, corp. stop, curb stop and box, and inspection
1 1/2" or less	16" – 20"	\$3,250	
2"	8" or less	\$2,050	Making tap, tapping sleeve, corp. stop, curb stop and box, and inspection
2"	10" – 12"	\$2,450	Making tap, tapping sleeve, corp. stop, curb stop and box, and inspection
2"	16" – 20"	\$3,350	Making tap, tapping sleeve, corp. stop, curb stop and box, and inspection
4"	4"	\$2,600	Making tap, tapping sleeve and valve, and inspection
4"	6"	\$3,000	Making tap, tapping sleeve and valve, and inspection
6"	6"	\$3,500	Making tap, tapping sleeve and valve, and inspection
4"	8"	\$3,600	Making tap, tapping sleeve and valve, and inspection
6"	8"	\$4,200	Making tap, tapping sleeve and valve, and inspection
8"	8"	\$4,750	Making tap, tapping sleeve and valve, and inspection
4"	10"	\$4,800	Making tap, tapping sleeve and valve, and inspection
6"	10"	\$4,900	Making tap, tapping sleeve and valve, and inspection
8"	10"	\$5,300	Making tap, tapping sleeve and valve, and inspection
4"	12"	\$4,800	Making tap, tapping sleeve and valve, and inspection
6"	12"	\$4,900	Making tap, tapping sleeve and valve, and inspection
8"	12"	\$5,325	Making tap, tapping sleeve and valve, and inspection

For all taps 4" and larger, valve vaults meeting Water and Electric Department specifications must be furnished by the customer's plumber, at the customer's cost. Other

size taps may be made only with the consent of the Water and Electric Department, at the customer's cost.

D. Water Meter Fees. The following fees shall be charged for the water meters provided by the Village, as provided in Sections 13.04.030 and 13.04.100 of the Winnetka Village Code:

WATER METER FEES

<u>Meter Size</u>	<u>Cost</u>
5/8"	\$550
3/4"	\$600
1"	\$725
1 1/2"	\$950
2"	\$1,100

Spreader and valves on both sides of meter must be installed by the customer's plumber, at the customer's cost. Other sizes of meters may be required or permitted, as determined by the Water and Electric Department, based on the characteristics of the proposed service. Such other installations shall require the written approval of the Water and Electric Department and the entire cost of the purchase and installation shall be borne by the customer.

E. Replacement of Touchpad Fees. The following fees shall be charged for replacement of removed touchpads and replacement of the touchpad wiring:

Replacement of Touchpad	\$150.00
Replacement of Touchpad Wiring	\$450.00

F. Temporary Water Service Fees. Pursuant to Section 13.04.150 of the Winnetka Village Code, temporary water service provided during building construction shall be billed at the rate applicable to the use specified in the building permit.

G. Construction Temporary Water Service Fees. Bulk water provided from the fire hydrant located at the Village's Public Works Facility for construction projects will be billed at the unincorporated water rate. The minimum daily charge will be \$50. At the discretion of the Water and Electric Director, the water rate can be waived for contractors performing Village work.

SECTION 3: FEES FOR ELECTRICITY.

A. Definitions. As used in this Section 3, the following terms, phrases and words and their derivations shall have the meanings given in this section, unless the context or use clearly indicates another or different meaning is intended:

Customer Charge: A fixed charge based on the type of service rather than the amount of electricity used.

Demand Charge: A charge based on the rate at which electric energy is delivered, expressed in kilowatts (kW), averaged over a 30-minute period.

Energy Charge: A volume based charge for energy used.

Load Factor: The ratio of energy used to the maximum energy consumption for a given monthly peak demand.

On-peak Demand: A peak demand that occurs between the hours of 3:00 p.m. and 9:00 p.m.

Off-peak Demand: A peak demand that occurs between after 9:00 p.m. and before 3:00 p.m.

Primary Lines: High voltage power lines

Secondary Lines: Low voltage power lines that extend from the high voltage Primary Lines and distribute electricity to individual property lines.

Service Lines: The power lines that extend from the Secondary Lines to the individual meter connections located on each parcel of property that receives electric service.

B. Season Rates. Separate summer and winter rates shall be established for demand charges and energy charges. Pursuant to Section 13.08.150 of the Winnetka Village Code, summer rates shall be in effect for each of the four consecutive months with ending metered dates on or after June 1 of each year.

C. Electric Rates. Each customer using electricity furnished by the Village of Winnetka Water and Electric Department shall be charged for such service in accordance with the following schedule of electric rates, as provided in Section 13.08.040 of the Winnetka Village Code:

1. Customer Charge: Each customer shall be charged a monthly customer charge according to the schedule below:

SCHEDULE OF ELECTRIC CUSTOMER CHARGES

<u>Type of Customer (Rate Code)</u>	<u>Monthly Service Charge</u>	
Rate 1: Residential	\$20.87 Single Phase	\$28.83 Three Phase
Rate 2: Space Heating	\$24.49 Single Phase	\$31.87 Three Phase
Rate 3: Commercial	\$39.14 Single Phase	\$46.52 Three Phase
Rate 4: School and Government (<1000kW)	\$62.45 Single Phase	\$71.01 Three Phase
Rate 4: School and Government (>1000kW)	\$137.14 Single Phase	\$144.49 Three Phase
Rate 6: Water Heating	\$11.60 Single Phase	\$19.33 Three Phase
Rate 7: Large Residential	\$20.87 Single Phase	\$28.77 Three Phase
Rate 8: Street Lights	\$0.00 Single Phase	\$0.00 Three Phase

2. Energy and Demand Charges: In addition to the Customer Charge, each customer shall pay energy and demand charges at the rates set forth in the following Schedule of Energy and Demand Charges:

SCHEDULE OF ENERGY AND DEMAND CHARGES

Rate 1 - Residential: (Section 13.08.080 of the Winnetka Village Code)

Energy Charge

Summer Rate	\$0.1668 per kWh
Winter Rate	\$0.1565 per kWh

Rate 2 - Space Heating Customers: (Section 13.08.090 of the Winnetka Village Code)

Energy Charge

Summer Rate	\$0.1647 per kWh
Winter Rate	
First 750 kWh	\$0.1497 per kWh
All over 750 kWh	\$0.1018 per kWh

Rate 3 - Commercial: (Section 13.08.100 of the Winnetka Village Code)

Demand Charge

Summer Rate	
First 50 kW	\$0.00 per kW
All over 50 kW	\$20.11 per kW
Winter Rate	
First 50 kW	\$0.00 per kW
All over 50 kW	\$18.43 per kW

Energy Charge

Summer Rate	
First 15,000 kWh	\$0.1637 per kWh

All over 15,000 kWH	\$0.1189 per kWH
Winter Rate	
First 15,000 kWH	\$0.1488 per kWH
All over 15,000 kWH	\$0.1189 per kWH

Rate 4 - School and Government: (Section 13.08.110 of the Winnetka Village Code)

(a) With an annual peak demand of up to 1,000 kW:

Demand Charge	
Summer Rate	\$18.54 per kW
Winter Rate	\$16.07 per kW
Energy Charge	
Summer Rate	
First 100,000 kWH	\$0.10069 per kWH
Over 100,000 kWH	\$0.08700 per kWH
Winter Rate	
First 100,000 kWH	\$0.09160 per kWH
Over 100,000 kWH	\$0.08700 per kWH

(b) With an annual peak demand exceeding 1,000 kW:

Demand Charge	
Summer Rate	
On Peak	\$19.42 per kW
Off Peak	\$13.35 per kW in excess of On Peak Demand
Winter Rate	
On Peak	\$17.34 per kW
Off Peak	\$13.35 per kW in excess of On Peak Demand
Energy Charge	
Summer Rate	
First 100,000 kWH	\$0.10093 per kWH
Over 100,000 kWH	\$0.08720 per kWH
Winter Rate	
First 100,000 kWH	\$0.09182 per kWH
Over 100,000 kWH	\$0.08720 per kWH
Load Factor Credit	(\$0.005) per kWH for kWH in excess of 50% based upon the on peak demand

Rate 6 - Water Heating: (Section 13.08.120 of the Winnetka Village Code)

Energy Charge	
Summer Rate	\$0.1655 per kWH
Winter Rate	\$0.1655 per kWH

Rate 7 - Large Residential: (Section 13.08.130 of the Winnetka Village Code)

Demand Charge	
Summer Rate	\$17.30 per kW
Winter Rate	\$15.30 per kW
Energy Charge	
Summer Rate	\$0.1240 per kWh
Winter Rate	\$0.1135 per kWh

Rate 8 - Street Lights: (Section 13.08.140 of the Winnetka Village Code)

Energy Charge	
Summer Rate	\$0.1597 per kWh
Winter Rate	\$0.1597 per kWh

D. Wholesale Power Purchase Cost Adjustment.

1. Wholesale Power Purchase Cost Adjustment formula: The electric system's cost of purchasing power shall be estimated at least once per year. Pursuant to Section 13.08.160 of the Winnetka Village Code, the Wholesale Power Purchase Cost Adjustment shall be calculated as the difference between the estimated annual cost per kWh of purchasing power and the 12 month rolling average cost of power calculated bimonthly. If the actual 12 month rolling average cost of power calculated bimonthly on a per kWh basis exceeds the estimated cost, the shortage shall be recovered by billing all customers at the same amount per kWh in the next bimonthly cycle. If the estimated annual cost per kWh of purchasing power exceeds the actual 12 month rolling average cost of power calculated bimonthly on a per kWh basis, the excess shall be credited to all customers at the same amount per kWh in the next bimonthly cycle.

E. Renewable Energy Production Credit.

1. Terms:
 - a. Eligible Customer. A customer of the Village's Electric Utility who satisfies all of the requirements of Section 13.08.260 of the Winnetka Village Code.
 - b. Renewable Energy Production Credit, or REPC, means the actual credit as calculated pursuant to the formula in subsection 2, below.

- c. Renewable Energy, or RE, means the amount of energy, measured in kWh, delivered to the Village by an Eligible Customer.
- d. Summer Residential Energy Cost, or SREC, means the energy charge during the defined summer months utilizing the residential rate category (section 13.08.080 of the Winnetka Village Code).
- e. Wholesale Purchase Power Cost, or WPPC, means the allocation on a per kilowatt hour basis of the total annual cost of purchasing power shown in the annual budget line item for “Purchased Power.”

2. Calculation of REPC:

Summer Rate REPC = (RE x SREC)

Winter Rate REPC = (RE x WPPC)

- 3. REPC Carry-forward: If the REPC exceeds the cost of the power and energy billed to the Eligible Customer by the Village in a billing period, the excess REPC will be carried forward from one billing period to the next, except that no amount shall be carried forward past the end of the calendar year and that any amount of energy in kWh reflected in carry-forward credits remaining at the end of the calendar year shall be deemed to have been provided to the Village at no charge.
- 4. No Refunds or Transfers: No Eligible Customer whose electric service is terminated shall be entitled to a refund of any REPC balance, regardless of the reason for the termination of service. Nor shall any Eligible Customer be entitled to transfer any REPC balance to a succeeding customer upon the termination of the Eligible Customer’s electrical service, regardless of the reason for the termination of service. Upon the termination of an Eligible Customer’s electric service, the Eligible Customer’s account shall be closed and any amount of kWh reflected in any REPC balance in existence at the time the account is closed will be deemed to have been provided to the Village, at no charge.

F. Municipally Owned Electric Vehicle Charging Station (for public use). The energy charge for municipally owned electric vehicle charging station (for public use) shall be according to the following schedule:

Weekdays, 4:00 P.M. to 7:00 P.M.	\$0.40 per kWh.
All days, all other times	\$0.20 per kWh

G. Undergrounding Surcharge. Pursuant to Section 13.08.240 of the Winnetka Village Code, the following surcharges are hereby established for the undergrounding of transmission and distribution lines:

RATE U - UNDERGROUNDING SURCHARGE

1. **Surcharge:** Except as provided in subsection (c), each customer located in a Project Area within which the Primary Lines and Secondary Lines are placed underground pursuant to Section 13.08.230 of the Winnetka Village Code shall be subject to an undergrounding surcharge. The surcharge shall be charged monthly until the Applicable Project Cost, plus interest on the unpaid balance at a rate of 7% per annum, is fully paid. The surcharge shall not be charged for more than 60 consecutive months. The surcharge amount shall be as follows:

Surcharge UA Monthly surcharge of \$100 if Applicable Project Cost equals \$5,000 or less.

Surcharge UB Monthly surcharge of \$150 if Applicable Project Cost is greater than \$5,000 but does not exceed \$7,500.

Surcharge UC Monthly surcharge of \$200 if Applicable Project Cost is greater than \$7,500 but does not exceed \$10,000.

Surcharge UD Monthly surcharge of \$250 if Applicable Project Cost is greater than \$10,000 but does not exceed \$12,500.

2. **Definitions:** The following definitions shall be used in determining the undergrounding surcharge:

Project Area: The service area covered by a petition for undergrounding, as determined by the Director of Water and Electric, and shall include the Primary Lines, Secondary Lines and Service Lines within that service area.

Project Costs: All direct costs of undergrounding the Primary Lines and Secondary Lines in the Project Area ("Cost 1"). For customers with overhead Service Lines, the direct costs of undergrounding overhead Service Lines in the Project Area ("Cost 2") shall be included in the Project Costs in addition to Cost 1. Direct costs shall include, but not be limited to, labor, materials, recording of easements and the cost of relocating all related electric utility facilities and equipment, such as pad mount transformers and switch gear.

Project Cost_{UG}: The Project Cost per customer with underground Service Lines, which shall be determined by dividing Cost 1 by the number of customers in the Project Area.

Project Cost_{OH}: The Project Cost per customer with overhead electric service, which shall be determined by dividing Cost 2 by the number

of customers in the Project Area with overhead electric service and adding the resulting amount to Project Cost_{UG} .

Applicable Project Cost: The Project Costs as allocated to the individual customers in the Project Area. The Applicable Project Cost for each customer with underground Service Lines shall be Project Cost_{UG}. The Applicable Project Cost for each customer with overhead Service Lines shall be Project Cost_{OH}.

3. **Exceptions to Surcharge:** The undergrounding surcharge shall not be charged to any customer in the Project Area who pays the Applicable Project Costs in full before the project begins.

G. **Disconnection or Reconnection Fee.** The following fees shall be charged and collected for service calls to disconnect or reconnect service as the result of nonpayment, as provided in Section 13.08.060 of the Winnetka Village Code:

SERVICE DISCONNECTION OR RECONNECTION FEE

<u>Time of Service Call</u>	<u>Fee</u>
During regular business hours (Monday through Friday, except for holidays, from 7:30 a.m. to 3:00 p.m.)	\$100.00 per service dispatch
All other times (Evenings, nights, weekends and holidays)	\$448.00 per service dispatch

H. **Replacement Touchpad.** The following fees shall be charged for replacement of removed touchpads and replacement of the touchpad wiring:

Replacement of Touchpad	\$150.00
Replacement of Touchpad Wiring	\$450.00

I. **Removal and Reinstallation of Overhead Service Connection.** The following fee shall be charged and collected for costs to disconnect, remove and reconnect an overhead service conductor for construction activities:

<u>Time of Service Call</u>	<u>Fee</u>
During regular business hours (Monday through Friday, except for holidays, from 7:30 a.m. to 3:00 p.m.)	\$450.00
All other times (Evenings, nights, weekends and holidays)	\$1,200.00

J. **Cost of Adding, Upgrading and Underground Electric Services.** The costs of installing new electric service, upgrading electric service to increase capacity and converting overhead service to underground service shall be allocated as follows:

Installation and Ownership of Facilities: All existing facilities and equipment, and all facilities and equipment related to new service, upgraded service and underground conversions, up to the meter, shall be owned, operated and maintained by the Village of Winnetka Water and Electric Department. The meter pedestal or meter enclosure shall be provided by the customer, at the customer's expense, and shall be owned and maintained by the customer.

The Water and Electric Department shall install all new electrical service lines, all meters, all service upgrades and all conversions of overhead service to underground service, regardless of the party initiating the conversion, except that the Water and Electric Department shall not perform any work on the customer's side of the meter.

New Service or Increased Load: The following fees shall be charged for installing new or larger electric services:

Installation of a 200 Amp service (Includes conduits for communication conductors)	\$13,200
--	----------

Installation of a 400 Amp service (Includes conduits for communication conductors)	\$25,000
--	----------

Installation of three phase service

The costs of providing three phase electric service, including the cost of any necessary relocation, replacement or extension of the primary, secondary lines and transformers to which the service line is connected, shall be paid for by the customer requesting the new or increased three phase service.

If a primary or secondary line must be relocated, replaced or extended in order to install a new service or to increase the load capacity of an existing service, any customer who connects to such primary or secondary line within five years after the its installation may be required to pay that customer's pro rata share of such costs. The Village Manager, in the exercise of his discretion, may enter into a written agreement with the initial requesting customer and establish terms for the payment of such costs, which may include a recapture provision that provides for the Village to refund such pro rata costs, less administrative costs in the amount of 10% of the recaptured amount, to the initial requesting customer.

Service Lines – Scheduled Conversion to Underground Service: A customer may choose either to maintain overhead service or to convert his service line from overhead service to underground service in conjunction with the Water and Electric Department's planned conversion undergrounding of the primary and secondary lines to which the customer's service line is connected. If the customer elects to maintain overhead service, the Water and Electric Department will install, at no additional cost to the customer, a new pole as close to the service connection as the Department deems possible, placing the service line underground to the pole, installing a service riser to the top of the pole, and connecting an overhead line to the existing service connection.

If the customer elects to place the service line underground, the Water and Electric Department will do so, at no additional cost to the customer, provided the customer purchases the meter enclosure or meter pedestal and makes, at the customer's expense, all alterations necessary to relocate the meter and building service so as to connect to the underground service line in the location specified by the Water and Electric Department.

Underground Service – Customer Requested Conversion: All costs of converting overhead electrical service to underground electrical service, including the cost of any necessary relocation of the primary and secondary lines to which the service line is connected, shall be paid by the customer if it is requested by the customer and the conversion is not done as part of the Water and Electric Department's undergrounding program. If the customer is increasing the size of the service entrance equipment, the customer shall be charged in accordance with rates for New Service or Increased Load for the service connection work. Existing rear lot residential services will be relocated to the front of the building and the service connection shall be at a location specified by the Water & Electric Department. As part of the conversion, an electric meter located within the structure shall be relocated to the outside.

K. Temporary Electric Service. Pursuant to Section 13.08.210 of the Winnetka Village Code, temporary electric service provided during building construction shall be billed at the rate applicable to the use specified in the building permit.

SECTION 4: SANITARY SEWER FEES.

A. Sewer Service Volumetric Rates. Any person owning or occupying premises which are connected to the public sewers within the Village of Winnetka shall pay for such services, as provided in Section 13.12.010 of the Winnetka Village Code, at the rate of \$18.88 per 1,000 cubic feet of water supplied to those premises.

B. Sewer Service Customer Charge. Any person owning or occupying premises which are connected to the public sewers within the Village of Winnetka shall pay for such services, as provided in Section 13.12.010 of the Winnetka Village Code, a customer charge of \$2.00 per month.

C. Fee for Returned Payment. A fee of \$30.00 shall be charged for any payment that is returned to the Village for any reason, including, but not limited to, insufficient funds, account closed, or referred to maker.

SECTION 5: REFUSE FEES.

A. Definitions. All terms defined in Section 8.16.010 of Chapter 8.16 of the Winnetka Village Code, "Garbage and Refuse," shall have the same meaning when used in this Section 5.

B. Commercial Refuse Service Fees. Pursuant to Section 8.16.050 of the Winnetka Village Code, the following monthly fees are hereby established for commercial refuse service, including apartments in commercial buildings:

SCHEDULE OF MONTHLY COMMERCIAL REFUSE SERVICE FEES

<i>Container</i> Volume per Pick-up	Number of Pickups Per Week						
	1	2	3	4	5	6	7
1 Cu.Yd.	\$54.52	\$98.65	\$135.00	\$177.84	\$211.58	\$251.83	\$295.96
1.5 Cu.Yd.	\$68.80	\$120.72	\$180.43	\$233.65	\$290.77	\$343.99	\$398.50
2 Cu.Yd.	\$80.36	\$150.58	\$223.27	\$294.66	\$362.16	\$433.56	\$499.76
3 Cu.Yd.	\$109.04	\$202.50	\$298.56	\$392.02	\$489.37	\$581.53	\$678.88
4 Cu.Yd.	\$140.19	\$244.04	\$373.84	\$489.37	\$607.49	\$655.52	\$837.25
6 Cu.Yd.	\$170.04	\$308.94	\$446.53	\$581.53	\$720.42	\$720.42	\$993.02
6 Cu.Yd.							
Compactor	\$202.50	\$362.16	\$521.83	\$678.88	\$837.25	\$993.02	\$1,153.98
35-65 Gal.	\$25.96	\$33.76	\$44.14	\$54.52	\$62.31	\$72.69	\$83.08
95 Gal.	\$34.15	\$54.52	\$72.69	\$98.65	\$115.53	\$136.30	\$158.37

[**Note:** Individual accounts will be charged a share of the monthly fees charged based upon the account's proportionate use of the container(s), as determined by the Winnetka Public Works Department.]

C. Residential Refuse Service Fees. Pursuant to Section 8.16.050 of the Winnetka Village Code, the following fees and charges are hereby established for residential refuse service:

SCHEDULE OF RESIDENTIAL REFUSE SERVICE FEES

<u>Service</u>	<u>Charge</u>
Back Door - One pick-up per week of no more than two garbage cans of household rubbish	\$52.53 per month
Back Door - Two pick-ups per week of no more than two garbage cans of household rubbish	\$105.06 per month
Back Door – One pick-up per week of no more than four garbage cans of household refuse	\$73.03 per month
Curbside - One pick-up per week – 35-gallon container	\$28.29 per month
Curbside - One pick-up per week – 65-gallon container	\$37.82 per month
Curbside - One pick-up per week – 95-gallon container	\$47.28 per month
Curbside – Two pick-ups per week – 95-gallon container	\$99.81 per month
Curbside – One pick-up per week – Two or more 95-gallon containers	\$47.28 plus \$15.38 per container per month
Collection of household rubbish or garbage in excess of two garbage cans per pick-up	\$2.50 per sticker (one sticker required for each container)

D. Charges for Special Refuse Collections. Pursuant to Section 8.16.050 of the Winnetka Village Code, the following rates are hereby established for special refuse collections:

SCHEDULE OF FEES FOR SPECIAL REFUSE COLLECTIONS

<u>Service</u>	<u>Charge</u>
Base Fee for special collections	\$40.00
Bulk pick-ups [Note: Bulk pick-ups are for light refuse other than liquids and yard waste.]	
Bulk pick-ups (<i>continued</i>)	
Up to 1.0 cubic yards	Base Fee
Over 1.0 cubic yards	Base Fee plus \$15.00 for each additional cubic yard or fraction thereof
White goods and other large items [Note: Includes appliances, sofas, etc.]	Base Fee plus \$10.00 for each item

Service**Charge**

Hard-to-handle refuse

Base Fee plus \$17.00 per cubic yard

[**Note:** Hard-to-handle refuse includes such miscellaneous rubbish as wood, fencing, carpeting, multiple pieces of furniture and cabinets, and construction materials such as wallboard, plaster and flooring, but shall not include liquids, soil, concrete and asphalt.]

Tires and/or tire rims

Base Rate plus Charge per Tire

Charge per tire

Tire without rim

Base Rate plus \$10.00

Tire with rim

Base Rate plus \$15.00

Truck tire without rim

Base Rate plus \$20.00

Truck tire with rim

Base Rate plus \$25.00

Carts and roll-off boxes

[**Note:** Charge is based on container size. Contents shall not include concrete, soil, asphalt or liquids]

1.0 cubic yard

\$50.72

2.0 cubic yard

\$74.75

E. Yard Waste. Pursuant to Section 8.16.050 of the Winnetka Village Code, the following rates are hereby established for the removal of certain yard waste:

SCHEDULE OF YARD WASTE REMOVAL FEES**Service****Charge**

Removal of yard waste

Customer supplied bags (one sticker required per bag)

\$2.50 per sticker

SECTION 6: STORMWATER SEWER FEES. The fee for stormwater utility service provided in the Village of Winnetka pursuant to Chapter 13.16 of the Winnetka Village Code is

hereby established at \$21.83 per month per Equivalent Runoff Unit (ERU), as defined in Section 13.16.04 of the Winnetka Village Code.

SECTION 7: FEE FOR RETURNED PAYMENT. A fee of \$30.00 shall be charged for any payment of fees charged pursuant to this Resolution that is returned to the Village for any reason, including, but not limited to, insufficient funds, account closed, or referred to maker.

SECTION 8: PAYMENT PERIOD; LATE FEES. All bills issued for Utility Services shall be paid in full within the payment period specified in the bill. The payment period shall be established by the Director of Finance, and shall be no less than 21 nor more than 30 days from the date of the issuance of the bill. Pursuant to Sections 13.04.040.B, 13.08.040.B, 13.12.010.B, and 13.16.090.B of the Winnetka Village Code, if any bill for utility service is not paid within the specified payment period, a late payment penalty of 5% of the amount due shall be added to the bill and collected from the user.

SECTION 9: EFFECT OF RESOLUTION. The rates established in this Resolution shall apply to all Utility Service usage that will be billed by the Village on bills with a billing date on or after January 1, 2021.

SECTION 10: REPEALER. Resolution R-93-2021 shall be repealed and shall no longer be in force and effect for all Utility Service usage that will be billed by the Village on bills with a billing date on or after January 1, 2022.

SECTION 11: EFFECTIVE DATE. This Resolution shall be in full force and effect from and after its passage and approval according to law, but in no event prior to January 1, 2021.

ADOPTED this 21 day of November, 2022, pursuant to the following roll call vote:

AYES: _____

NAYS: _____

ABSENT: _____

Signed:

Village President

Countersigned:

Village Clerk

Introduced: November 21, 2023

Adopted:



Agenda Item Executive Summary

TITLE: Ordinance No. MC-11-2023: Amending Title 15 of the Winnetka Village Code Concerning Building Permit Fees and Bonds (Introduction)

PRESENTER: Tim Sloth, David Schoon

AGENDA DATE: November 21, 2023

CONSENT: No

ITEM TYPE: Ordinances and Resolutions

ITEM HISTORY:

The Village Council held a budget review meeting on November 3, 2023 to review the proposed fiscal year 2024 budget during which the Council discussed adjustments to building permit fees.

EXECUTIVE SUMMARY:

On November 21, 2023, the Village Council is scheduled to consider adoption of Ordinance No. MC-11-2023, an Ordinance Amending Title 15 of the Winnetka Village Code Concerning Building Permit Fees and Bonds (**Attachment 1**). The proposed amendment would:

- Convert the calculation of all “major” permit fees to value of construction; and
- Change the Village license and permit bond requirements to only contractors performing work on Village property or a public right-of-way.

At the November 3, 2023, Village Council Budget Review session regarding the FY 2024 budget, staff reviewed potential changes to the Village’s building permit fee structure. This was in response to the Village Council’s request in later 2021 that staff study the Village’s building permit fee structure.

Given that the Village uses one method to calculate building permit fees for remodelings, which is based upon construction value of improvements, and another method for new buildings and additions, which is based upon the square footage of the improvement area, the Village Council asked staff to study if new home projects are paying their appropriate share of the Village’s cost to provide building permit services to the community. In 2022, staff spent the year gathering permit data that we did not have in order to adequately study the issue. This year, staff studied the data to determine if we should adjust our permit fee structure for major permits, and if so, how should the fee structure be adjusted and what would be the impact?

Building Permit Fee Adjustments

The study of the issue conducted by staff found that new home projects were not paying their appropriate share of the Village’s cost to provide building permit services to the community. This was demonstrated by the following findings.

The table below notes how Winnetka currently determines based building permit fees for “major” construction projects. A “major” permit is generally a permit for construction work that involves two or more disciplines (e.g., carpenter, plumber, electrician, etc.). An alteration (remodeling) project, an addition project, and a new building project fall under a “major” permit. A permit to replace a single item such as a furnace, a water heater, a plumbing pipe for a toilet, a roof, or a permit to install a single type of item(s), such as new electric outlets or additional impermeable surfaces (e.g., sidewalk, patio, etc.) would generally be considered a minor permit, as they generally only involve one discipline. A specific fee amount is identified for those types of permits.

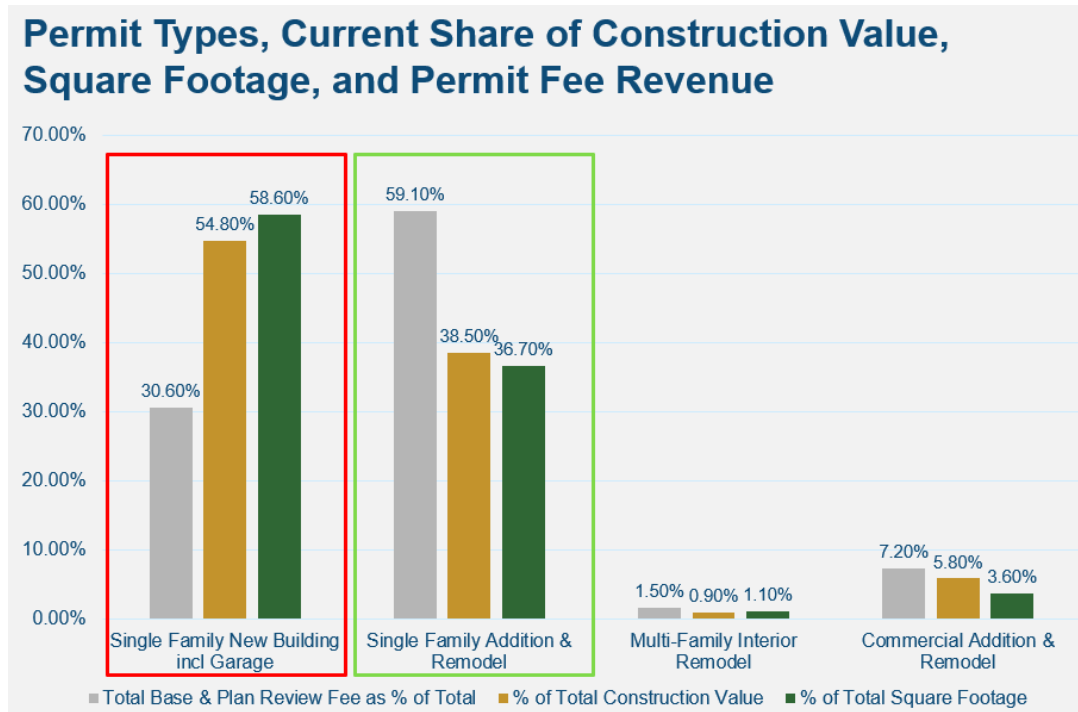
Base Permit Fee 2023

	Remodel	Addition	New Building
Winnetka	3.0% CV	\$1.60/SF	\$1.60/SF

Given that an addition project often includes remodeling of existing space, construction value is used for addition projects.

CV: Construction Value
SF: Square Foot

In addition to the base permit fee, the Village also collects a plan review fee, which is calculated at 15% of the base permit fee dollar amount. These approaches are consistent with what other communities will often use as a measurement for the cost of providing building permit plan review and inspection services, which is the value of construction or square footage of improvements. Given this, different types of building permits (e.g., new residential buildings, residential additions, residential remodelings, etc.) should generate revenue in proportion to their respective percentage of the overall value of construction or square footage of improvements. The slide below demonstrates that is not currently the case in Winnetka.



As demonstrated by the three bars to the farthest left, which are for new single-family home projects, new single-family homes generate approximately 30% of the total base permit fee and plan review fee

revenue that the Village collects, which is represented by the gray bar. However, new single-family homes account for almost 55% of the estimated improvement value of major permits issued, the gold bar, and nearly 59% of the total square footage of major permits issued, the green bar.

As previously noted, the base permit fee for remodelings and nearly all addition projects is based upon the estimated improvement value. The second set of bars is for such projects. Remodeling and addition projects account for 59% of the total base permit fee and plan review fee revenue the Village collects. However, those projects only account for 38% of the estimated improvement value and 37% of total square footage.

Based upon this data, an adjustment to our base permit fee appears warranted.

The proposed ordinance would convert all base permit fees to estimated construction value. Resolution R-99-2023, the annual fee resolution, also on the November 21 Council agenda, would then set the actual base permit fee at 3% of construction value (or as the resolution states - "\$30 per \$1,000 or fraction thereof of the estimated total project cost"). The plan review fee would remain at 15% of the base fee amount.

Also, at the November 3 Budget Review Session, the Council asked for projects involving historic or architecturally significant structures that have been granted the maximum building size bonus by the Village that the base permits fees for these projects be set at 2% of estimated construction value. The proposed fee resolution also does that.

In addition to changes in the base permit fee, the Council also discussed and directed staff to no longer charge certain incremental fees with major permits. The fee resolution has been amended to implement those changes.

Permit Bond Requirements

Included in Ordinance No. MC-11-2023, Village staff asks that the Council amend the Village's permit bond requirements. Currently, the Village requires every contractor involved with a particular building permit to have on file with the Village a \$20,000 license and permit bond. A new home project or remodeling project could have many contractors involved with a project (e.g., general contractor, electrician, plumber, HVAC company, landscaper, etc.). We are the only community in the area that requires such a bond from every contractor whether any work is performed on Village property or the public right of way. The other two North Shore communities that require such bonds, only require them from contractor's performing work in the public right of way to ensure funds are available to recover "Any costs incurred by the Village for any actions necessitated by the failure of such person to protect persons, property or things on the site of, adjacent to or in connection with the work". The proposed amendment would be consistent with this policy.

RECOMMENDATION:

The Council is scheduled to consider introduction of Ordinance No. MC-11-2023, an Ordinance Amending Title 15 of the Winnetka Village Code Concerning Building Permit Fees and Bonds.

ATTACHMENTS:

1. Ordinance No. MC-11-2023: Amending Title 15 of the Winnetka Village Code Concerning Building Permit Fees and Bonds

**AN ORDINANCE AMENDING TITLE 15 OF THE WINNETKA VILLAGE CODE
CONCERNING BUILDING PERMIT FEES AND BONDS**

WHEREAS, the Village of Winnetka (“*Village*”) is a home rule municipality in accordance with Article VII, Section 6 of the Constitution of the State of Illinois of 1970; and

WHEREAS, Chapter 15.32 of the Winnetka Municipal Code of 1999, as amended (“*Village Code*”), sets forth certain rules and requirements for building permits, which requirements include the payment of building permit fees and posting bonds when performing work on public property (“*Permit Requirements*”); and

WHEREAS, the Village desires to amend the Permit Requirements to make them more efficient and to better ensure compliance with the Village building regulations; and

WHEREAS, the Village Council has determined that amending the provisions of the Village Code as set forth in this Ordinance is in the best interests of the Village;

NOW, THEREFORE, the Council of the Village of Winnetka does ordain as follows:

SECTION 1: RECITALS. The recitals in this Ordinance are incorporated into this Section as the findings of the Village Council.

SECTION 2: AMENDMENT TO SECTION 15.08.080 OF THE VILLAGE CODE. Section 15.08.080, titled “Amendments to the International Property Maintenance Code, 2015 Edition,” of Chapter 15.08, titled “Model Codes Adopted by Reference,” of Title 15, titled “Building and Construction,” of the Village Code is amended to read as follows:

“Section 15.08.080 Amendments to the International Property Maintenance Code, 2015 Edition.

* * *

B. **Amendments.** The following provisions of the 2015 Edition of the International Property Maintenance Code are amended for adoption by the Village and shall read as follows:

* * *

18. 112.4 Fines; Failure to Comply. Any person who shall continue any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be liable to a fee **as set forth in the annual fee resolution adopted by the corporate authorities** ~~of not less than \$250 nor more than \$750.~~

Additions are bold and double-underlined; ~~deletions are struck through~~

SECTION 3: AMENDMENT TO SECTION 15.32.020 OF THE VILLAGE CODE.

Section 15.32.020, titled "Permit Fees and Costs," of Chapter 15.32, titled "Construction Permits," of Title 15, titled "Building and Construction," of the Village Code is amended to read as follows:

"Section 15.32.020 Permit fees and costs.

- A. Fees Set by Village Council. The Village Council shall establish all fees, costs, deposits and bonding requirements pertaining to the review and processing of all applications for any construction activity, including but not limited to building permits, permits for electrical work, plumbing work, HVAC or mechanical work, watershed management permits, permits for awnings, fences, impermeable surfaces, driveways and work affecting any public right-of-way; all inspections, development agreements and other actions involved in the administration and enforcement of the provisions of this code; all applications requesting any other action by the Village, or any board, commission or committee of the Village, related to construction activities and the compliance of such activities with this code. The nature and amount of all such fees, costs, deposits and bonds shall be set from time to time by resolution of the Village Council.
- B. Formulas for Building Permit Fees.
1. ~~Building permit fees for the construction of new structures or additions to existing structures, shall be based on the new construction's gross floor area, as that term is defined in Section 17.04.030 of this code. For purposes of determining building permit fees, no zoning allowances, exceptions or bonuses for gross floor area shall be deducted and the gross floor area of all basement or below grade spaces shall be included.~~ **Building permit fees for the construction of new structures, for additions to existing structures, for alterations to existing structures, for the construction or alteration of any wireless telecommunications service facility, as defined by Title 17 of this Code, and for any other construction activity not specified in a resolution of the Council, shall be based on the estimated total cost of the proposed work. The resolution of the Council shall set out methods by which the Director of Community Development shall base the estimated total cost of the proposed work.**
 2. Building permit fees for the construction of new structures or additions to existing structures, which do not contribute to gross floor area, as defined in Section 17.04.030 of this code may be based on

Additions are bold and double-underlined; ~~deletions are struck through~~

the horizontal square footage of the structure or addition, as measured from its outer perimeter.

3. Building permit fees for alterations to existing structures, for the construction or alteration of any wireless telecommunications service facility, as defined in Title 17 of this code, and for any other construction activity not specified in a resolution of the Council, shall be based on the estimated total cost of the proposed work. The Director shall require a certificate of the estimated cost from the project's Illinois registered design or engineering professional. If, pursuant to Section 15.32.050 (F) of this code, the Director waives the requirement that construction documents bear the signature of the appropriate Illinois design or engineering professional, the owner shall submit an affidavit stating the total estimated cost of the proposed work. The Director may adjust the certified estimate if the Director determines, based on a reliable estimating resource, that the certificate of affidavit does not appropriately reflect local costs of the work proposed.
- C. Reinspection Fees. A reinspection fee shall be charged for each duplicate inspection or reinspection of permit work necessary to confirm code compliance, or for additional site visits or inspections by any building officer.
- D. Responsibility of Owner. The owner shall be responsible for the payment of all fees, costs and deposits charged pursuant to this code, in such amounts as may be set by resolution of the Village Council. The owner shall be responsible for the payment of all fees and costs associated with the performance of any services provided by any independent professional, when such services are required by this code, the Director or the Village Council.”

SECTION 4: AMENDMENT TO SECTION 15.32.060 OF THE VILLAGE CODE.

Section 15.32.060, titled “Permit Bond Required,” of Chapter 15.32, titled “Construction Permits,” of Title 15, titled “Building and Construction,” of the Village Code is amended to read as follows:

“Section 15.32.060 Permit bond required for work on public property.

~~Unless otherwise provided by law, no permit shall be issued to a general contractor, plumbing contractor, electrical contractor or any other contractor identified on the application for building permit for any construction work until the contractor files a License and Permit Bond in the amount of Twenty Thousand Dollars (\$20,000) with the Department of Community Development. In the event the work performed under the permit is not completed or fails to meet Code requirements of this Chapter and all other applicable ordinances of the Village of Winnetka, the Village shall have the right to make a claim against the bond and, if necessary, the Bond will be forfeited.~~

Additions are bold and double-underlined; ~~deletions are struck through~~

For any permit that also includes work on Village property or within a public right-of-way, a permit may not be issued until a License and Permit Bond is filed with the Department of Community Development or the County pursuant to the Contractor Unified License and Permit Bond Act in an amount set forth in the in the annual fee resolution adopted by the corporate authorities. The License and Permit Bond should be filed by the property owner or the property owner's general contractor if there is a general contractor. If there is not a general contractor, the License and Permit Bond may be filed by the person performing the work on Village property or within a public right-of-way. The License and Permit Bond must include sureties to be approved by the Director of Community Development or their designee, to guarantee payment in full to the Village and to duly franchised utility companies entitled to a use of public property, for any and all damage inflicted on Village property or the public right of way by reason of the pursuance of work prescribed on the permit. Any costs incurred by the Village for any actions necessitated by the failure of such person to protect persons, property, or things on the site of, adjacent to or in connection with the work shall also be recoverable from the License and Permit Bond."

SECTION 5: SEVERABILITY. If any provision of this Ordinance or part of this Ordinance is held invalid by a court of competent jurisdiction, the remaining provisions of this Ordinance will remain in full force and effect, and will be interpreted, applied, and enforced to achieve, as near as may be possible, the purpose and intent of this Ordinance to the greatest extent permitted by applicable law.

SECTION 6: EFFECTIVE DATE. This Ordinance will be in full force and effect upon its passage and approval in the manner provided by law.

[SIGNATURE PAGE FOLLOWS]

PASSED this 21 of November, 2023, pursuant to the following roll call vote:

AYES: _____

NAYS: _____

ABSENT: _____

APPROVED this ____ day of _____, 2023.

Signed:

Village President

Countersigned:

Village Clerk

Published by authority of the
President and Board of Trustees of
the Village of Winnetka, Illinois,
this ____ day of _____,
2023.

Introduced: _____, 2023

Passed and Approved: _____, 2023

Additions are bold and double-underlined; deletions are struck through



Agenda Item Executive Summary

TITLE: Ordinance No. M-14-2023: 2023 Tax Levy (Introduction)

PRESENTER: Tim Sloth

AGENDA DATE: November 21, 2023

CONSENT: No

ITEM TYPE: Ordinances and Resolutions

ITEM HISTORY:

The Council has reviewed the proposed 2024 calendar year budget and the funding provided by property taxes to balance the budget. The proposed 2023 property tax levy will generate \$15,538,899 for village operations, an increase of \$229,639 or 1.50% from the prior year. The proposed increase in the tax levy is due solely to capturing the impact of new development throughout the Village.

EXECUTIVE SUMMARY:

The 2023 property tax levy sets the amount of revenue to be raised from property taxes to fund Village operations. In Illinois, property taxes are paid a year in arrears. This means that the amount of money requested for the 2023 property tax levy will be received by the Village in calendar 2024. It should be noted that the final proposed tax levy is \$459,278 lower than what was proposed to the Council at the November 3rd budget review meeting.

At that meeting, members of the Village Council suggested staff further examine the budget (revenues and expenses) and determine if a lower levy amount is possible. Staff reviewed the budget and made adjustments to reduce the tax levy. Staff has made adjustments to the budget for interest income as well as to the timing and funding of the advanced metering project. These changes, along with directing the county to implement a 2% collection factor (proposed Ordinance No. M-15-2023) allows staff to propose a property tax levy that only captures new development for the tenth year in a row.

RECOMMENDATION:

Consider introduction of Ordinance No. M-14-2023, an Ordinance Levying Taxes for the Year 2023.

ATTACHMENTS:

1. Ordinance No. M-14-2023: Levying Taxes for the Year 2023
2. Village of Winnetka Schedule of Property Tax Levy Calculations

AN ORDINANCE LEVYING TAXES FOR THE YEAR 2023

WHEREAS, the Village of Winnetka (“Village”) is a home rule municipality in accordance with Article VII, Section 6 of the Constitution of the State of Illinois of 1970 and, pursuant thereto, has the authority, except as limited by said Section 6 of Article VII, to exercise any power and perform any function pertaining to the government and affairs of the Village, including the power to tax; and

WHEREAS, on December 6, 2022, the Council of the Village of Winnetka (“Village Council”) adopted Resolution No. R-115-2022, which budgeted \$40,242,137 to meet the expenses and liabilities of the Village for general corporate purposes and retirement fund contributions for the fiscal year beginning January 1, 2023, and ending December 31, 2023; and

WHEREAS, pursuant to page 391 of the budget approved on December 6, 2022, the Village Council has made its preliminary estimate of the 2023 levy, estimating that it is necessary to raise Fifteen Million Seven Hundred Sixty-Eight Thousand Five Hundred Thirty-Eight Dollars (\$15,768,538) by taxation of taxable property within the Village for general corporate purposes and for retirement fund contributions for the fiscal year beginning January 1, 2023, and ending December 31, 2023; and

WHEREAS, at its November 3, 2023 meeting, the Village Council, upon evaluation of the proposed fiscal year 2023 annual budget, directed the staff to present a 2023 property tax levy for consideration at the December 5, 2023, Village Council meeting, said property tax levy to be in the amount of Fifteen Million Five Hundred Thirty-Eight Thousand Eight Hundred Ninety-Nine Dollars (\$15,538,899), Two Hundred Twenty-Nine Thousand Six Hundred Thirty-Nine Dollars (\$229,639) less than was estimated to be necessary to be raised by taxation of taxable property within the Village for general corporate purposes and for retirement fund contributions for the fiscal year beginning January 1, 2023, and ending December 31, 2023; and

NOW, THEREFORE, be it ordained by the President and Board of Trustees of the Village of Winnetka, as follows:

SECTION 1: That the foregoing recitals are hereby adopted as the findings of the Council of the Village of Winnetka, as fully set forth herein.

SECTION 2: That in order to meet the expenses and liabilities of the Village of Winnetka for the fiscal year beginning January 1, 2023, and ending December 31, 2023, for general corporate purposes and for retirement fund contributions, there is hereby levied upon all of the taxable property within the corporate limits of the Village of Winnetka subject to taxation for the current year, as assessed and equalized for the year 2023, the sum of Fifteen Million Five Hundred Thirty-Eight Thousand Eight Hundred Ninety-Nine Dollars (\$15,538,899), which is to be collected from the levy of the Village of Winnetka for the year 2023 for all purposes heretofore budgeted.

2023 TAX LEVY SUMMARY

General Fund	Amount Budgeted	Amount To Be Raised By Tax Levy
For General Corporate Purposes		
Administration	\$ 3,428,334	\$ 1,464,952
Police	\$ 7,681,429	\$ 3,282,329
Fire	\$ 6,126,795	\$ 2,618,023
Community Development	\$ 1,785,856	\$ 763,108
Public Works / Engineering	\$ 4,970,372	\$ 2,123,875
Capital Expenses	\$ 2,551,000	\$ 1,090,060
General Fund Transfers	\$ 8,252,144	\$ 1,100,000
Totals for General Fund	\$ 34,795,930	\$ 12,442,347
For Retirement Fund Contributions		
For Police Pension Fund	\$ 2,652,520	\$ 1,336,136
For Fire Pension Fund	\$ 2,793,687	\$ 1,760,416
Totals for Retirement Fund Contributions	\$ 5,446,207	\$ 3,096,552
Total Amount Budgeted	\$ 40,242,137	
Total Amount of Levy		\$ 15,538,899

SECTION 3: That there is hereby certified to the County Clerk of Cook County, Illinois, the several sums above, constituting said total amount, and the total amount of Fifteen Million Five Hundred Thirty-Eight Thousand Eight Hundred Ninety-Nine Dollars (\$15,538,899), which is the total amount the Village of Winnetka requires to be raised by taxation for the current fiscal year of the Village, and that, on or before the time required by law, the Village Clerk shall file a certified copy of this Ordinance with the County Clerk of Cook County, Illinois, whereupon it shall be the duty of said County Clerk to levy taxes for the year 2023 on all properties subject to taxation within the Village of Winnetka, in accordance with the provisions of this Ordinance.

SECTION 4: This Ordinance is adopted by the Council of the Village of Winnetka in the exercise of its home rule powers pursuant to Section 6 of Article VII of the Illinois Constitution of 1970.

SECTION 5: This Ordinance shall take effect immediately upon its passage, approval and posting as provided by law.

PASSED this 21 day of November, 2023, pursuant to the following roll call vote:

AYES: _____

NAYS: _____

ABSENT: _____

Signed:

Village President

Countersigned:

Village Clerk

Introduced: November 21, 2023

Adopted:

Village of Winnetka

Schedule of Property Tax Levy Calculations

Tax Levy Category	2022 Actual Tax Levy	2023 Proposed Tax Levy	\$ - Change	% - Change
<u>General Fund:</u>				
Corporate*	\$12,470,870	\$12,442,347	(\$28,523)	-0.23%
<u>Other Funds:</u>				
Police Pension	\$1,236,103	\$1,336,136	\$100,033	8.09%
Fire Pension	\$1,602,287	\$1,760,416	\$158,129	9.87%
Total Village-wide Tax Levy	\$15,309,260	\$15,538,899	\$229,639	1.50%
Less: New Development @ 1.5%		(\$229,639)	(\$229,639)	-1.50%
Existing Tax Payer Increase	\$15,309,260	\$15,309,260	\$0	0.00%

Increase (Decrease) Based on Total Property Tax Bill

Total Property Taxes Paid 100.00%	Other Taxing Distr. 87.06%	Village 12.94%	0.0% Change / Village
\$10,000	\$8,706	\$1,294	\$0
\$15,000	\$13,059	\$1,941	\$0
\$20,000	\$17,412	\$2,588	\$0
\$25,000	\$21,765	\$3,235	\$0
\$30,000	\$26,118	\$3,882	\$0
\$35,000	\$30,471	\$4,529	\$0
\$40,000	\$34,824	\$5,176	\$0
\$50,000	\$43,530	\$6,470	\$0
\$60,000	\$52,236	\$7,764	\$0



Agenda Item Executive Summary

TITLE: Ordinance No. M-15-2023: Directing Cook County to Apply a Loss Collection Factor to Property Tax Levies Commencing with Fiscal Year May, 2023, and Ending on the Thirtieth Day of April, 2024, and Subsequent Years, for the Village of Winnetka (Introduction)

PRESENTER: Tim Sloth

AGENDA DATE: November 21, 2023

CONSENT: No

ITEM TYPE: Ordinances and Resolutions

ITEM HISTORY:

The Cook County Clerk has a standing policy to allow for a loss factor to be added to agency tax levies to offset the loss in tax collections primarily due to appeals. Many neighboring villages have implemented a standing loss collection factor to offset the loss in tax collections and fully budget the amount of the tax levy. Winnetka currently has a loss collection factor of 5% in place for levies associated with debt service should the Village ever need to implement a levy for that purpose.

EXECUTIVE SUMMARY:

Excluding last year, the Village has only collected between 97.12% – 98.45% of the property tax levy. In 2022, this amount was 81.63% due to an announced delay in property tax collections by Cook County.

Staff proposes directing Cook County to incorporate a collection factor of 2.0% beginning with the proposed 2023 tax levy. By implementing the collection factor, we can budget for the full amount of the proposed tax levy versus our current practice of budgeting roughly 97.5% of the levy. The list below details our Cook County neighbors that have filed a loss collection factor with the county and the current percentage on file:

- Northbrook (proposed for 2023) - 3%
- Northfield - 2%
- Glencoe - 3%
- Kenilworth - 2%
- New Trier High School - 3%
- Winnetka School District #36 - 3%
- Winnetka Park District - 3%

A sampling of other suburban Cook County communities that have implemented a collection factor include Arlington Heights (2%), Mount Prospect (2%), Schaumburg (1%), Oak Park (3%), and La Grange (3%).

By holding the property tax levy flat and implementing a 2% loss collection factor, the impact to a typical Winnetka homeowner is \$65 annually or \$5.41 a month.

RECOMMENDATION:

Consider introduction of Ordinance No. M-15-2023, an Ordinance Directing Cook County to Apply a Loss Collection Factor to Property Tax Levies Commencing with Fiscal Year May, 2023, and Ending on the Thirtieth Day of April, 2024, and Subsequent Years, for the Village of Winnetka.

ATTACHMENTS:

1. Ordinance No. M-15-2023: Directing Cook County to Apply a Loss Collection Factor to Property Tax Levies

ORDINANCE NO. M-15-2023

AN ORDINANCE DIRECTING COOK COUNTY TO APPLY A LOSS COLLECTION FACTOR TO PROPERTY TAX LEVIES COMMENCING WITH FISCAL YEAR MAY, 2023, AND ENDING ON THE THIRTIETH DAY OF APRIL, 2024, AND SUBSEQUENT YEARS, FOR THE VILLAGE OF WINNETKA

WHEREAS, the Village of Winnetka ("***Village***") is a home rule municipality in accordance with Article VII, Section 6 of the Constitution of the State of Illinois of 1970 and, pursuant thereto, has the authority, except as limited by said Section 6 of Article VII, to exercise any power and perform any function pertaining to the government and affairs of the Village, including the power to tax; and

WHEREAS, the Village annually adopts a proposed levy in order to meet the expenses and liabilities of the Village; and

WHEREAS, the Cook County Clerk's Office can add a loss factor to the original levy to allow for uncollected taxes; and

WHEREAS, the Village Council has determined that designating a loss collection factor of two percent (2.00%) for all property tax levies adopted by the Village, excluding levies specifically designated for annual debt service expenditures, is in the best interest of the Village;

NOW, THEREFORE, be it ordained by the President and Board of Trustees of the Village of Winnetka as follows:

SECTION 1: RECITALS. The foregoing recitals are hereby incorporated as the findings of the Council of the Village of Winnetka, as if fully set forth in this Section.

SECTION 2: ALLOWANCE FOR LOSS. The President and the Board of Trustees ordain and direct the County Clerk's Office to assess a loss collection factor of two percent (2.00%) to all property tax levies adopted by the Village, excluding levies specifically designated for annual debt service expenditures. The County Clerk may assess such loss collection factor to levies beginning with tax year 2023, collected in calendar year 2024 (Village Fiscal Year 2024/2025), and will remain in effect for all tax year levies in perpetuity unless and until the Village President and Board of Trustees subsequently adopt a Levy Loss Factor Cancellation Ordinance.

SECTION 3: FILING WITH COUNTY CLERK. After the effective date of this Ordinance, the Village Clerk is authorized and directed to file a certified copy of this Ordinance in the Office of the Cook County Clerk.

SECTION 4: EFFECTIVE DATE. This Ordinance shall take effect immediately upon its passage, approval, and publication as provided by law.

[SIGNATURE PAGE FOLLOWS]

PASSED this 21 day of November, 2023, pursuant to the following roll call vote:

AYES: _____

NAYS: _____

ABSENT: _____

APPROVED this ____ day of _____, 2023.

Signed:

Village President

Countersigned:

Village Clerk

Published by authority of the
President and Board of Trustees
of the Village of Winnetka,
Illinois, this ____ day of _____,
2023.

Introduced: November 21, 2023

Passed and Approved: _____, 2023



Agenda Item Executive Summary

TITLE: Ordinance No. M-16-2023: Abating the Tax Heretofore Levied for the Year 2023 to Pay the Principal of and Interest on Taxable General Obligation Refunding Bonds, Series 2020, of the Village of Winnetka, Cook County, Illinois (Introduction)

PRESENTER: Tim Sloth

AGENDA DATE: November 21, 2023

CONSENT: No

ITEM TYPE: Ordinances and Resolutions

ITEM HISTORY:

The Council has reviewed the proposed 2024 calendar year budget and all funding sources required to balance the budget. It has been determined that sufficient revenue is on hand in the stormwater fund to pay the debt service on the Series 2020 bonds and therefore an additional tax levy for this purpose is not necessary.

EXECUTIVE SUMMARY:

The Village issued General Obligation bonds in the amount of \$9.0 million in 2013 and \$7.5 million in 2014 to fund stormwater improvements. These bonds were refunded and replaced by the Series 2020 bonds (\$12,035,000) with the intention of the Village abating the property tax levy each year on these bonds and paying the principal and interest from stormwater utility fees collected by the Village. There are adequate funds on hand to allow for the abatement of the property tax levy for 2023 related to these General Obligation bond issues, due to Stormwater utility alternate revenues.

RECOMMENDATION:

Consider introduction of Ordinance No. M-16-2023, an Ordinance Abating the Tax Heretofore Levied for the Year 2023 to Pay the Principal of and Interest on Taxable General Obligation Refunding Bonds, Series 2020, of the Village of Winnetka, Cook County, Illinois.

ATTACHMENTS:

1. Ordinance No. M-16-2023: Tax Abatement Ordinance GO Series 2020

**AN ORDINANCE
ABATING THE TAX HERETOFORE LEVIED
FOR THE YEAR 2023
TO PAY THE PRINCIPAL OF AND INTEREST ON
TAXABLE GENERAL OBLIGATION REFUNDING BONDS, SERIES 2020,
OF THE VILLAGE OF WINNETKA, COOK COUNTY, ILLINOIS**

WHEREAS, the Village of Winnetka (“Village”) is a home rule municipality in accordance with Article VII, Section 6 of the Constitution of the State of Illinois of 1970 and, pursuant thereto, has the authority, except as limited by said Section 6 of Article VII, to exercise any power and perform any function pertaining to the government and affairs of the Village, including the power to tax; and

WHEREAS, the Council of the Village, consisting of the President and Board of Trustees (the “Council”), by Ordinance Number M-16-2020, adopted on the 13th day of October, 2020 (the “Ordinance”), did provide for the issue of \$12,035,000 Taxable General Obligation Refunding Bonds, Series 2020 (the “Bonds”), and for the levy and collection of a direct annual tax sufficient to pay the principal of and interest on the Bonds; and

WHEREAS, the Village has deposited sufficient funds in the bond fund established by the Ordinance to pay the principal of and interest on the Bonds up to and including December 15, 2024; and

WHEREAS, it is necessary and in the best interests of the Village that the tax heretofore levied for the year 2023 to pay the principal of and interest on the Bonds be abated in its entirety.

NOW, THEREFORE, be it ordained by the President and Board of Trustees of the Village of Winnetka, as follows:

SECTION 1: Abatement of Tax. The tax heretofore levied for the year 2023 of Seven Hundred Ninety-Seven Thousand Six Hundred Five Dollars (\$794,980.00) in the Ordinance to pay the principal and interest on the Bonds is hereby abated in its entirety.

SECTION 2: Filing of Ordinance. Forthwith upon the adoption of this Ordinance, the Village Clerk shall file a certified copy hereof with the County Clerk of the County of Cook, Illinois, and it shall be the duty of said County Clerk to abate said tax levied for the year 2023 in accordance with the provisions hereof.

SECTION 3: Home Rule. This Ordinance is adopted by the Council in the exercise of its home rule powers pursuant to Section 6 of Article VII of the Illinois Constitution of 1970.

SECTION 4: Effective Date. This Ordinance shall be in full force and effect from and its passage, approval, and posting as provided by law.

November 21, 2023

M-16-2023

PASSED this 21 day of November, 2023, pursuant to the following roll call vote:

AYES: _____

NAYS: _____

ABSENT: _____

Signed:

Village President

Countersigned:

Village Clerk

Introduced: November 21, 2023

Adopted:



Agenda Item Executive Summary

TITLE: Ordinance No. M-17-2023: Adopting the Village of Winnetka's Current Paid Leave and Benefits Policy and Opting Out of the Illinois Paid Leave for All Workers Act (820 ILCS 192/1 et seq.) for All Village of Winnetka Employees (Introduction/Adoption)

PRESENTER: Kristin Kazenas

AGENDA DATE: November 21, 2023

CONSENT: No

ITEM TYPE: Ordinances and Resolutions

ITEM HISTORY:

None.

EXECUTIVE SUMMARY:

On March 13, 2023, the Illinois Paid Leave for All Workers Act was signed into law. This Act, effective January 1, 2024, establishes a mandatory paid leave standard for all employees in Illinois, with limited exceptions. Employees will be granted up to 40 hours of paid leave during a 12-month period that can be taken at any time for any reason without the requirement of providing documentation to their employer.

The Village recognizes the importance of paid leave and provides its employees with benefits, including paid leave, that are more generous than those required under the Act. However, the Village's existing paid leave policies have notice and documentation requirements to ensure adequate staffing to perform critical municipal functions.

Supplementing the existing paid leave benefits and leave policies with additional leave required by the Act would place undue financial and operational burdens on the Village. Since the paid leave time under the Act can be taken at any time for any reason with no advance notice requirement, operational staffing challenges for providing critical municipal services could result due to unplanned and uncontrolled staffing shortages. In addition, unplanned absences often result in additional overtime, which is necessary to ensure adequate staffing for providing essential municipal services.

As a home rule municipality, the Village can opt out of the requirements of the Act. The Village Attorney prepared the attached Ordinance which formally adopts the Village's existing paid leave and benefits policies and exercises home rule powers to opt out of the paid leave requirements of the Act.

RECOMMENDATION:

Consider introduction and, if the Council desires, adoption of Ordinance No. M-17-2023, an Ordinance Adopting the Village of Winnetka's Current Paid Leave and Benefits Policy and Opting Out of the Illinois Paid Leave for All Workers Act (820 ILCS 192/1 et seq.) for All Village of Winnetka Employees.

ATTACHMENTS:

1. Ordinance M-17-2023 Paid Leave for All Workers Opt Out

**AN ORDINANCE ADOPTING THE VILLAGE OF WINNETKA'S CURRENT PAID
LEAVE AND BENEFITS POLICY AND OPTING OUT OF THE ILLINOIS PAID LEAVE
FOR ALL WORKERS ACT (820 ILCS 192/1 et seq.)
FOR ALL VILLAGE OF WINNETKA EMPLOYEES**

WHEREAS, the Village of Winnetka ("*Village*") is an Illinois home rule municipality pursuant to Article VII, § 6 of the Illinois Constitution, 1970, and may, pursuant to said authority, undertake any action and adopt any ordinance relating to its government and affairs; and

WHEREAS, on March 13, 2023, Public Act 102-1143, the Illinois Paid Leave for All Workers Act (820 ILCS 192/1 *et seq.*) ("*Act*") was signed into law by Governor J.B. Pritzker; and

WHEREAS, the Act establishes a mandatory paid leave standard for all employees in Illinois, with limited exceptions; and

WHEREAS, effective January 1, 2024, the Act will apply to all Illinois employers, including municipalities, unless the employer is subject to an existing municipal or county ordinance that requires the employer to provide any form of paid leave to their employees or unless a specific exemption applies; and

WHEREAS, the Village recognizes the importance of paid leave and provides all municipal employees of the Village with benefits, including paid leave, that are more generous than those required under the Act; and

WHEREAS, the mandatory paid leave standard required by the Act constitutes an unfunded mandate on the Village under the State Mandates Act, 30 ILCS 805/1, *et seq.*; and

WHEREAS, Article VII, § 6(i) of the Illinois Constitution of 1970 provides that home rule units of local government may exercise and perform concurrently with the State any power or function to the extent that the General Assembly by law does not specifically limit the concurrent exercise or specifically declare the State's exercise to be exclusive; and

WHEREAS, the Act does not preempt the Village of Winnetka's home rule authority; and

WHEREAS, the Village Council has determined that supplementing the Village's generous existing benefits and leave policy for its employees with the Act's mandatory paid leave standard would place undue financial and operational burdens on the Village of Winnetka, its vital operations, and, ultimately, its residents; and

WHEREAS, pursuant to 820 ILCS 192/15(p), the provisions of the Act do not apply to any employer that is covered by a municipal or county ordinance that: (i) requires employers to provide any form of paid leave to their employees, including paid sick leave; and (ii) is in effect on the effective date of the Act; and

WHEREAS, the Village Council has determined that it will serve and be in the best interest of the Village and its residents to affirm the Village's commitment to providing leave benefits to all of its employees in the manner set forth in this Ordinance;

NOW, THEREFORE, BE IT ORDAINED BY THE VILLAGE COUNCIL OF THE VILLAGE OF WINNETKA, ILLINOIS, AS FOLLOWS:

SECTION 1. RECITALS. The foregoing recitals are incorporated into, and made a part of, this Ordinance as the findings of the Village Council.

SECTION 2. AFFIRMATION AND ADOPTION OF PAID LEAVE POLICY.

A. Pursuant to its authority as a home-rule municipality, the Village hereby affirms and adopts its current leave policy and benefits package for all Village employees as set forth in the Village's Employee Handbook and any collective bargaining agreements to which the Village is a party, and other binding legislative actions governing paid leave adopted by the Village Council, as the same may be amended from time-to-time.

B. This Ordinance governs over and supersedes all provisions of the Act impacting the employment relationship between the Village of Winnetka and its employees.

C. This Ordinance, once adopted, shall apply to all employees of the Village; provided, however, that nothing in this Ordinance shall be deemed to affect the validity or change the terms of currently-existing collective bargaining agreements to which the Village is a party on or before December 31, 2023.

D. No additional obligations with regard to mandatory paid leave, including, without limitation, any obligations adopted under the Act by the State of Illinois, shall apply to the Village in its capacity as an employer, except those required by federal or State of Illinois laws and regulations preempting the Village's home rule authority.

SECTION 3. SEVERABILITY. If any section, paragraph, clause or provision of this Ordinance is held invalid, the invalidity of such section, paragraph, clause or provision shall not affect any of the other provisions of this Ordinance.

SECTION 4. REPEALER. All ordinances or resolutions or parts of ordinances or resolutions in conflict herewith, to the extent of such conflict, are hereby changed and amended to comply with this Ordinance; and to the extent the same cannot be so amended, are hereby repealed to the extent of such inconsistency.

SECTION 5. EFFECTIVE DATE. This Ordinance shall be in full force and effect from and after its passage, approval and publication in pamphlet form as required by law.

[SIGNATURE PAGE FOLLOWS]

PASSED this ____ day of _____, 2023, pursuant to the following roll call vote:

AYES: _____

NAYS: _____

ABSENT: _____

APPROVED this ____ day of _____, 2023.

Signed:

Village President

Countersigned:

Village Clerk

Published by authority of the
President and Board of Trustees
of the Village of Winnetka,
Illinois, this ____ day of ____, 2023.

Introduced: _____, 2023

Passed and Approved: _____, 2023