October 28, 2025

SUBJECT: Lake in the Hills Airport

Lake in the Hills, Illinois

McHenry County

Illinois Project Number: 3CK-5001 SBG Project Number: 3-17-SBGP-TBD

Contract No. LK016

Item No. 04A, November 7, 2025 Letting

Addendum A

NOTICE TO PROSPECTIVE BIDDERS

Attached is an addendum to the plans or proposal. This addendum involves revised and/or added material.

Reason for Addendum:

Revise plans, special provisions, and schedule of prices.

To All Plan Holders:

Please refer to plan changes, special provisions changes, and schedule of prices changes.

Plan Changes:

- 1. Sheet 1 Cover Sheet
 - a. Summary of Quantities table Delete AR110215 2" PVC Conduit, Direct Burial and Delete AR800178 Fiber Optic Cable.
- 2. Sheet 2 Site Plan and Project Control Plan
 - a. Remove Fiber Optic Cable, add UHF antenna.
- 3. Sheet 3 Sequence of Construction Plan
 - a. Remove Fiber Optic Cable, add UHF antenna.
 - b. Delete Work Areas 2A and 2B.
- 4. Sheet 5 Sequence of Construction Details
 - a. Revise construction point table.
- 5. Sheet 6 Proposed Improvements 1
 - a. Remove Fiber Optic Cable, add UHF antenna.
 - b. Delete AWOS Note 7.
 - c. Revise AWOS Notes 4, 5, and 6.
- 6. Sheet 7 Proposed Improvements 2
 - a. Remove Fiber Optic Cable, add UHF antenna.
- 7. Sheet 8 Erosion Control Plan
 - a. Revise new seeding (901) and heavy-duty hydraulic mulch (908) limits.
- 8. Sheet 9 AWOS Details
 - a. Remove Fiber Optic Cable, add UHF antenna.

Special Provisions Changes:

- 1. Page 16 Add Items 152-3.6, 152-3.8, 152-3.10, "Delete: All references to aircraft gross weights greater than 60,000 pounds".
- 2. Page 17

- a. Item 152-4.1, Add "Revise Paragraph (b) to read: The quantity of borrow excavation will not be measured for payment but shall be considered incidental to Item 152411 UNCLASSIFIED EXCAVATION".
- b. Item 152-5.1, Revise first paragraph to "Clean Construction or Demolition Debris (CCDD) removal and disposal, topsoil placement, borrow excavation, and embankment fill shall not be paid for separately, but shall be included in the unit bid price for "Unclassified Excavation"."
- 3. Page 24 Item 108-1.1, Delete "and fiber optic cable".
- 4. Page 25 Delete Item 108-2.14 Fiber Optic Cable.
- 5. Page 27 and Page 28 Delete Item 108-3.14 Connection and Termination of Fiber Optic Cable and Delete Item 108-3.15 Testing of Fiber Optic Cable.
- 6. Page 28 Item 108-5.1, Delete "Item AR800178 Fiber Optic Cable Per Foot".
- 7. Page 29 Delete Item 110 Airport Underground Electrical Duct Banks and Conduit.

Schedule of Prices Changes:

- 1. Delete AR110215 2" PVC Conduit, Direct Burial 400 Foot.
- 2. Revise AR125565 Splice Can 3 Each.
- 3. Delete AR800178 Fiber Optic Cable 3300 Foot.

Prime contractors must utilize the enclosed material when preparing their bid and must include any changes to the Schedule of Prices in their bid.

Questions on this addendum may be directed to Sheue Torng Lee of Crawford, Murphy & Tilly, Inc. at 630.907.7079.

MATERIAL CHARACTERIZATION FOR OFFSITE DISPOSAL

A. Costs for any and all testing, sampling, laboratory analysis or any other document that is required by the recipient of the material (disposal site) to establish that the material is uncontaminated, shall be borne by the Contractor at no additional expense to the Owner.

IL Project: 3CK-5001

Final Submittal

SBG Project: 3-17-SBGP-TBD

CONSTRUCTION METHODS

152-3.1 **GENERAL**

REVISE: Paragraph (a) to read:

Blasting will not be permitted.

152-3.2 EXCAVATION

ADD:

After excavation for the new AWOS facility, the Contractor shall compact the existing subgrade to the satisfaction of the Resident Engineer.

When excavating subgrade take precaution not to damage any underdrains or utilities that run below the pavement. Care shall also be taken not to disrupt more subgrade than necessary.

The Contractor shall make provisions in the work to maintain positive drainage from the work areas and to minimize ponding of water. The Contractor shall cut temporary ditches or swales to maintain positive drainage. At locations where temporary ditches are not feasible, the Contractor shall excavate stormwater storage areas adjacent to but at a lower elevation than the bottom of the work and utilize mechanical pumps to promptly remove stormwater from the excavations.

152-3.6 PREPARATION OF EMBANKMENT AREA

DELETE: All references to aircraft gross weights greater than 60,000 pounds.

152-3.8 FORMATION OF EMBANKMENTS

DELETE: All references to aircraft gross weights greater than 60,000 pounds.

152-3.10 COMPACTION REQUIREMENTS

DELETE: All references to aircraft gross weights greater than 60,000 pounds.

152-3.15 TOPSOIL

ADD:

Any excess excavation material shall be hauled offsite at no additional cost to the contract.

ADD: The following new section.

152-3.19 DUST CONTROL WATERING

SBG Project: 3-17-SBGP-TBD Final Submittal

IL Project: 3CK-5001

This work shall consist exclusively of the control of dust resulting from construction operations and is not intended for use in the compaction of earth embankment.

Dust shall be controlled by the uniform application of sprinkled water and shall be applied as directed by the Resident Engineer, in a manner meeting his approval.

Dust control watering shall not be paid for separately, but shall be considered incidental to the contract.

METHOD OF MEASUREMENT

152-4.1 **GENERAL**

ADD:

Dust control watering will not be measured for payment but shall be considered incidental to the contract items for which dust control is required.

REVISE: Paragraph (b) to read:

The quantity of borrow excavation will not be measured for payment but shall be considered incidental to Item 152411 UNCLASSIFIED EXCAVATION.

ADD:

e. Soil stabilization fabric. The quantity of soil stabilization fabric shall be measured for payment by the number of square yards as specified, completed, and accepted by the Resident Engineer.

BASIS OF PAYMENT

<u>152-5.1</u>

ADD:

Clean Construction or Demolition Debris (CCDD) removal and disposal, topsoil placement, borrow excavation, and embankment fill shall not be paid for separately, but shall be included in the unit bid price for "Unclassified Excavation."

Payment will be made under:

ITEM AR152411 UNCLASSIFIED EXCAVATION – PER LUMP SUM.
ITEM AR152540 SOIL STABILIZATION FABRIC – PER SQUARE YARD.

PART 13 – LIGHTING INSTALLATION

IL Project: 3CK-5001

Final Submittal

SBG Project: 3-17-SBGP-TBD

ITEM 108 – UNDERGROUND POWER CABLE FOR AIRPORTS

DESCRIPTION

108-1.1

REVISE:

This item shall consist of furnishing and installing power cables that are direct buried and furnishing and/or installing power cables <u>and fiber optic cable</u> within conduit or duct banks per these specifications at the locations specified in the contract documents.

EQUIPMENT AND MATERIALS

108-2.2 CABLE

ADD:

Wire for electrical circuits up to 600 volts shall comply with Specification L-824 and/or Commercial Item Description A-A-59544A and shall be type XLP-USE. Conductors for parallel (voltage) circuits shall be the type and size and installed in accordance with NFPA-70, National Electrical Code.

Unless noted otherwise, all 600-volt and less non-airfield lighting conductor sizes are based on a 75°C, XLP-USE, 600-volt insulation, copper conductors, not more than three single insulated conductors, in raceway, in free air. The conduit/duct sizes are based on the use of XLP-USE, 600-volt insulated conductors. The Contractor shall make the necessary increase in conduit/duct sizes for other types of wire insulation. In no case shall the conduit/duct size be reduced. The minimum power circuit wire size shall be #10 AWG.

Conductor sizes may have been adjusted due to voltage drop or other engineering considerations. Equipment provided by the Contractor shall be capable of accepting the quantity and sizes of conductors shown in the Contract Documents. All conductors, pigtails, cable step-down adapters, cable step-up adapters, terminal blocks and splicing materials necessary to complete the cable termination/splice shall be considered incidental to the respective pay items provided.

Cable type, size, number of conductors, strand and service voltage shall be as specified in the Contract Documents.

108-2.4 CABLE CONNECTIONS

ADD:

To further reduce the possibility of water (moisture) entrance into the connector between the cables and the field-attached connector, heat shrinkable tubing with interior adhesive shall be applied over all cable connections.

The heat shrinkable tubing shall cover the entire connector. All connections shall be at manholes or light bases. **No direct burial splicing will be allowed.**

Special Provisions Lake in the Hills Airport Lake in the Hills, IL IL Project: 3CK-5001 SBG Project: 3-17-SBGP-TBD Final Submittal

No splices will be allowed in the new cable. Between pull points, cable shall be continuous. Any repairs necessary to cable damaged during installation shall be done at the Contractor's expense and shall consist of replacing the entire length of damaged cable between pull points.

In line connections for existing cables to be spliced or those that are cut during construction shall be repaired with the cast splice kit. The Contractor shall have a minimum of five (5) splice kits on the jobsite at all times for emergency repairs. Splice markers shall be installed over each splice in cables not to be abandoned. Cast splice kits shall be as specified in paragraph (a). All field splices shall be covered with a flexible polyolefin heat-shrinkable sleeve.

ADD: The following new section.

108-2.13 BUY AMERICAN CERTIFICATIONS AND WAIVERS

All materials for this item shall meet the requirements of the Buy American Preference as stated in 49 U.S.C. § 50101. Contractor shall provide proof of 100% domestic materials prior to delivering materials to the site. Materials that are unable to meet this requirement shall be reported in the bid documents under Certifications Required by State and/or Federal Law, Buy American Certificate and the contractor shall provide material certifications including ASTM testing standards to the Resident Engineer before any material is placed.

ADD: The following new section.

108-2.14 FIBER OPTIC CABLE

Fiber optic cable shall be 6 strand single-mode, 62.5/125 micron core/cladding, with attenuation at 1300 nm; 0.4 dB/km 220 MHz-km and at 1310 nm; 0.4 dB/km 500 MHz-km. Fiber optic cable shall be 6 Fiber Construction around center strength member and elastomeric PVC black outer jacket suitable for indoor or outdoor use.

Furnish and install fiber optic terminators (connectors) style SC or ST as required to match equipment. Connectors shall be designed for field assembly and be self-aligning and self-centering. Comply with manufacturers' requirements. Include terminators on all fibers, including spares.

Splice closures shall protect the spliced fibers from moisture and to prevent physical damage. The splice closure shall provide strain relief for the cable and the fibers at the splice points.

CONSTRUCTION METHODS

108-3.1 **GENERAL**

ADD:

Any damages to existing utilities as a result of the Contractor's operations shall be repaired immediately at their expense.

The locations of existing cables are taken from available record maps, and it will be necessary for the contractor to make field investigations to determine the exact locations of underground cable and conduits at critical points.

108-3.2 INSTALLATION IN DUCT BANKS OR CONDUIT

ADD:

Special Provisions Lake in the Hills Airport Lake in the Hills, IL

splices shall be located in cable boxes. Sufficient cable shall be provided in each splicing location to properly splice the cables, and to provide extra cable for additional splices. All cable ends shall be protected at all times with end caps except during actual splicing. During the splicing operations, means shall be provided to protect the unspliced portions of the cable from the intrusion of moisture and other foreign matter. All splices shall be done in hand holes provided and installed by the Contractor as required.

IL Project: 3CK-5001

Final Submittal

SBG Project: 3-17-SBGP-TBD

c. For cable installed in ducts and conduit, a cable lubricant compatible with the cable sheathing material shall be used on all cables pulled. Pulling fixtures shall be attached to the cable strength members. If indirect attachments are used, the grip diameter and length shall be matched to the cable diameter and characteristics. If indirect attachment is used on cables having only central strength members, the pulling forces shall be reduced to ensure that the fibers are not damaged from forces being transmitted to the strength member. DURING PULLING, THE CABLE PULL LINE TENSION SHALL BE CONTINUOUSLY MONITORED, AND SHALL NOT EXCEED THE MAXIMUM TENSION AS GIVEN BY THE CABLE MANUFACTURER. The mechanical stress placed upon a cable during installation shall be such that the cable is not twisted or stretched. A cable feeder guide shall be used between the cable reel and the face of the duct or conduit to protect the cable and guide it into the duct or conduit as it is pulled off the reel. As the cable is pulled off the reel, it shall be carefully inspected for jacket defects. Precautions shall be taken during installation to prevent the cable from being kinked or crushed and that the minimum bend radius of the cable is not exceeded at any time. Cable shall be hand fed and guided through each manhole and additional lubricant shall be applied at all intermediate manholes. When practicable, the center pulling technique shall be used to lower pulling tension. That is, the cable shall be pulled from the center point of the cable run towards the end termination points. The method may require the cable to be pulled in successive pulls. If the cable is pulled out of a junction box or manhole, the cable shall be protected from dirt and moisture by laying the cable on a ground covering. Dynamometers or load-cell instruments shall be used to ensure that the pulling line tension does not exceed the installation tension value specified by the cable manufacturer. The mechanical stress placed upon a cable during installation shall be such that the cable is not twisted or stretched.

ADD: The following new section.

108-3.14 CONNECTION AND TERMINATION OF FIBER OPTIC CABLE

- a. Connectors: All fibers at each end of the cable shall have jumpers or pigtails installed of not less than 3 feet in length. All fibers at both ends of the cable shall have connectors installed on the jumpers. The mated pair loss, without rotational optimization shall not exceed 1.5 dB. The pull strength between the connector and the attached fiber shall not be less than 50 pounds.
- b. Identification and Labeling: The Contractor shall supply identification tags or labels for each cable. The labeling format shall be identified and complete record shall be provided to the Owner with the final documentation. Each cable shall be identified with type of signal being carried and termination points.

ADD: The following new section.

108-3.15 TESTING OF FIBER OPTIC CABLE

- a. An optical time domain reflectometer (TDR) test shall be performed at 820 nanometers, of the fiber optic cable on the reel prior to installation. The optical time domain reflectometer shall be calibrated to show anomalies of 0.2 dB as a minimum. Test data shall be recorded and furnished to the Engineer. Cable tested with losses exceeding manufacturer's acceptable levels for new cable shall be rejected.
- b. A second time domain reflectometer test at 820 nanometers shall be performed on the fiber optic

cable after it is installed. The optical time domain reflectometer shall be calibrated to show anomalies of 0.2 dB as a minimum. If the optical time domain reflectometer test results are unsatisfactory, the fiber optic cable segment is unacceptable.

IL Project: 3CK-5001

Final Submittal

SBG Project: 3-17-SBGP-TBD

N.I.C.

c. The unsatisfactory segments of cable shall be replaced with a new segment of cable at no cost to the Contract. The new segment of cable shall then be tested to demonstrate acceptability.

METHOD OF MEASUREMENT

108-4.1

REVISE: This Section to read as follows:

No measurement for payment will be made for trenching, excavation, backfill, dewatering and restoration regardless of the type of material encountered shall be included in the unit price bid for the work.

108-4.2

REVISE: This Section to read as follows:

The cost of removing cable as directed by the Owner to make way for new cable shall not be measured separately for payment, but shall be considered incidental to the unit bid price for the cable.

The cost of routing the cable through duct, splicing, marking, trenching, backfilling, and all connections shall be included in the unit price bid for the cable.

Temporary cable connections/jumper cables will not be measured for payment.

BASIS OF PAYMENT

108-5.1

REVISE: This Section to read as follows:

The cables measured under Item 108-4.2 shall be paid for under this item. These prices shall be full compensation for furnishing all materials and for all preparation and installation of these materials, trenching, backfilling and compacting trenches, all connections, line marking tape and installation, and for all labor, equipment, tools and incidentals necessary to complete these items. The line marking tape installed shall be considered incidental to the work and shall not be paid for separately.

Topsoil and seeding of the trench shall not be paid for separately but shall be considered incidental to the associated pay item.

Payment will be made under:

ITEM AR800158 2-1/C #6 XLP-USE, 1-1/C #6 GND IN 2" UD – PER FOOT.

ITEM AR800178 FIBER OPTIC CABLE - PER FOOT. N.I.C.

ITEM 110 – AIRPORT UNDERGROUND ELECTRICAL DUCT BANKS AND CONDUIT

BASIS OF PAYMENT

<u>110-5.1</u>

ADD:

Payment will be made under:

ITEM AR110215 2" PVC CONDUIT, DIRECT BURIAL – PER FOOT.

IL Project: 3CK-5001

Final Submittal

SBG Project: 3-17-SBGP-TBD

LAKE IN THE HILLS AIRPORT LAKE IN THE HILLS, ILLINOIS

CONSTRUCTION PLANS FOR LAKE IN THE HILLS AIRPORT

SUMMARY OF QUANTITIES				
ITEM	DESCRIPTION	UNIT	ESTIMATED QUANTITY	RECORD QUANTITY
AR110215	2" PVC CONDUIT, DIRECT BURIAL	FOOT	400	
AR125565	SPLICE CAN	EACH	3	
AR152411	UNCLASSIFIED EXCAVATION	L SUM	1	
AR150520	MOBILIZATION	L SUM	1	
AR152540	SOIL STABILIZATION FABRIC	SQ YD	100	
AR156510	SILT FENCE	FOOT	550	
AR209608	CRUSHED AGG. BASE COURSE - 8"	SQ YD	100	
AR800015	REMOVE AWOS EQUIPMENT AND FOUNDATIONS	L SUM	1	
AR800016	INSTALL TYPE III P/T AWOS	L SUM	1	
AR800158	2-1/C #6 XLP-USE, 1-1/C #6 GND IN 2" UD	FOOT	2140	
AR800178	FIBER OPTIC CABLE	FOOT	3300	



J.U.L.I.E.
JOINT UTILITY LOCATING
INFORMATION FOR EXCAVATORS
www.illinois1call.com

THE LOCATION, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ACTUAL LOCATIONS OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES OF HIS OPERATIONAL PLANS, OBTAIN FROM RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE RECOURED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION AND THE ONE-CALL NOTICE SYSTEM. THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH UTILITY OR SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AND ADD IT ION ALCOHOL

CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 811.





REPLACE AUTOMATED WEATHER OBSERVATION SYSTEM



PROJECT

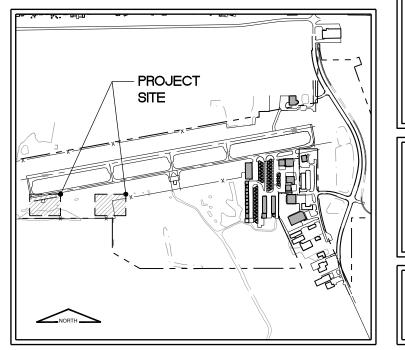
LOCATION

ILLINOIS PROJECT: 3CK-5001 S.B.G. PROJECT: 3-17-SBGP-TBD



SEPTEMBER 12, 2025

Redtail Golf Club Suniset Park V23 Lake in the Hills Algonquin Algonquin Algonquin Binnie Binni



INDEX TO SHEETS

- COVER SHEET
- 2. SITE PLAN AND PROJECT CONTROL PLAN
- 3. SEQUENCE OF CONSTRUCTION PLAN
- 4. SEQUENCE OF CONSTRUCTION GENERAL NOTES
- 5. SEQUENCE OF CONSTRUCTION DETAILS
- 6. PROPOSED IMPROVEMENTS 1
- 7. PROPOSED IMPROVEMENTS 2
- 8. EROSION CONTROL PLAN
- 9. REPLACE AWOS
- 10. ELECTRICAL DETAILS
- 11. ELECTRICAL VAULT PLAN

LAKE IN THE HILLS AIRPORT

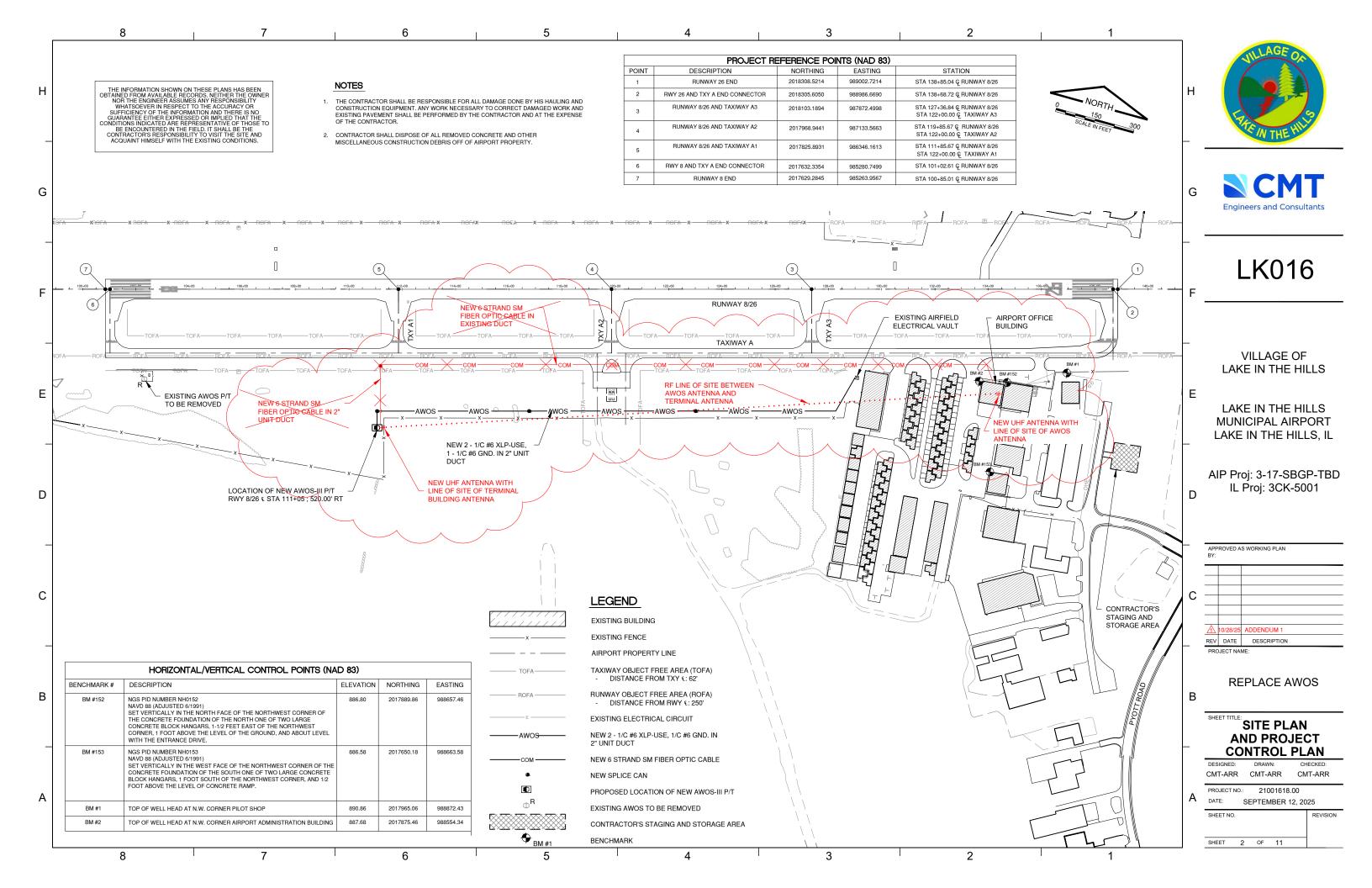
TOWNSHIP: 43 NORTH
RANGE: 8 EAST
SECTION: 17
COUNTY: MCHENRY
TOWNSHIP: ALGONQUIN

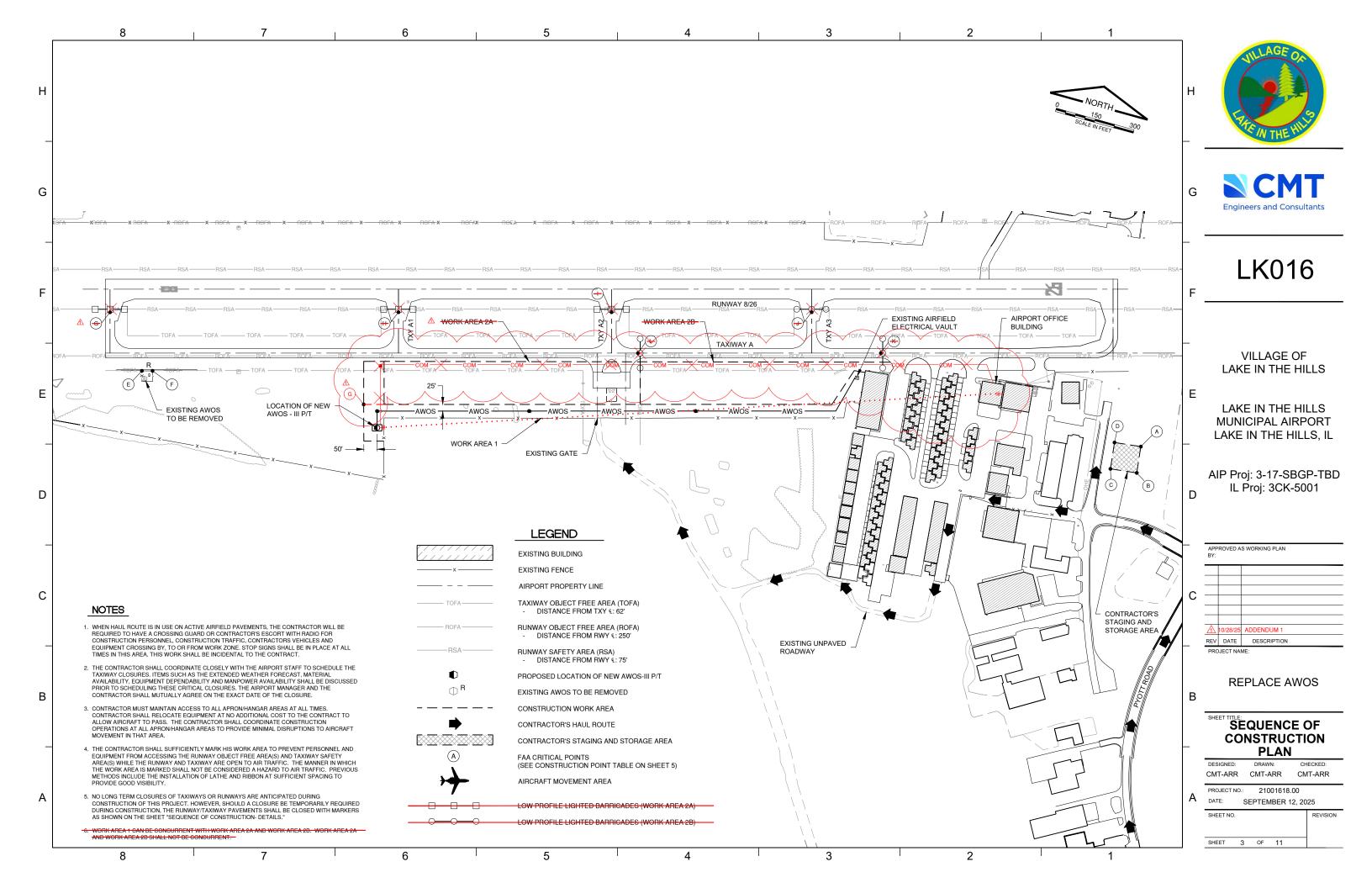
DESIGN INFORMATION

DESIGN AIRCRAFT APPROACH CATEGORY B
DESIGN AIRCRAFT GROUP II (CITATION EXCEL)

LOCATION MAP

SITE PLAN





20'-0" Н CONSTRUCTION POINT TABLE ORANGE SURVEYOR'S LATITUDE LONGITUDE POINT **NEAREST ACTIVE RUNWAY** GROUND ANTICIPATED ELEVATION **ELEVATION EQUIPMENT** HEIGHT **EQUIPMENT** WOODEN Α RUNWAY 8/26 42° 12' 22.43" 88° 18' 54.30" 872 25' 897 В RUNWAY 8/26 42° 12' 21.44" 88° 18' 54.26" 873 25' 898 C RUNWAY 8/26 42° 12' 21.42' 88° 18' 55.59" 880 25' 905 D RUNWAY 8/26 42° 12' 22.40" 88° 18' 55.63" 880 25' 905 **FXISTING** RUNWAY 8/26 42° 12' 18.58" 88° 19' 44.01" 875 900 GROUND 25' RUNWAY 8/26 42° 12' 18.66" 88° 19' 43.49" 878 25' 903 G RUNWAY 8/26 42° 12' 18.82' 88° 19' 32.82' 864 25' 889 41° 12' 22.41 909 DUNWAY 0/00 410 101 00 00" 88° 10' 21 47" 41° 12' 25.15" CONSTRUCTION SETBACK LINE DETAIL **RUNWAY 8/20** 410 121 24.12" 88° 19' 07.89 909 NOT TO SCALE DUNWAY 9/26 41° 12' 22.51" 88° 19' 19.81" 007 **NOTES** 1. PLACE CONSTRUCTION SETBACK LINES AT LOCATIONS OF CONSTRUCTION OPERATIONS NEAR RUNWAY OBSTACLE FREE ZONES MAXIMUM ANTICIPATED HEIGHT OF CONSTRUCTION EQUIPMENT 25' AND TAXIWAY OBJECT FREE AREAS WHEN RUNWAYS/TAXIWAYS ARE NOTE - ALL PHASES ALL EXISTING TAXIWAY AND RUNWAY AIRFIELD LIGHTING CIRCUITS, FAA CABLES AND OTHER AIRPORT ELECTRICAL CABLES SHALL REMAIN IN SERVICE UNTIL REPLACED AS ACCEPTABLE TO THE RESIDENT ENGINEER. ALL TEMPORARY CABLING AND SPLICING NECESSARY TO KEEP THE CIRCUITS IN OPERATION SHALL BE CONSIDERED INCIDENTAL TO CONTRACT. RUNWAY CENTERLINE PLAN VIEW DESIGN AIRCRAFT APPROACH CATEGORY: B **DESIGN AIRPORT GROUP: II** RUNWAY EDGE RUNWAY 8/26 OBSTACLE FREE ZONE TOTAL WIDTH= 250' TAXIWAY CENTERLINE TO OBJECT SEPARATION = 62' TAXILANE CENTERLINE TO OBJECT SEPARATION = 55' RED FLASHERS OR RED STEADY BURN (TYP) 20" X 20" NYLON FLAG WITH TO RUNWAY 12 GA, DIAGONAL WIRE CONTRACTOR ACCESS ROUTE NOTES TOTAL (ONE ORANGE AND SHALL BE REMOVABLE CONTRACTOR TO REMARK TAXIWAY ALL PAVEMENTS OR TURE AREAS UTILIZED BY THE CONTRACTOR FOR AN ACCESS ROUTE, STAGING, OR STORAGE SHALL BE REPAIRED AND CENTERLINE WHEN "X" IS RESTORED TO THEIR ORIGINAL CONDITION TO THE SATISFACTION OF 6" TO 12" WIDE - SAFETY ORANGE REMOVED (INCIDENTAL) THE AIRPORT. NO ADDITIONAL COMPENSATION TO PROTECT, REPAIR, OR RESTORE THESE AREAS SHALL BE MADE SIDE VIEW AIRSIDE LOW PROFILE LIGHTED BARRICADE TAXIWAY CENTERLINE NOT TO SCALE 3'-0" **BARRICADE NOTES** BARRICADES (PLACED OUTSIDE ALL ACTIVE RSA AND TOFA) 1. FLASHER OR STEADY BURN LIGHTS SHALL BE BATTERY OPERATED. LENS SHALL BE RED **CLOSED TAXIWAY MARKER DETAIL** NOT TO SCALE 2. FACING OF BARRICADE SHALL BE COVERED WITH REFLECTIVE TAPE OR PAINT. CLOSED TAXIWAY MARKER DETAIL NOTES 3. BARRICADES TO BE PLACED WITH A MAXIMUM OF 4' SPACING END TO END UP TO THE EDGE OF PAVEMENT ALONG OPERATIONAL PAVEMENT ADJACENT TO CONSTRUCTION CLOSED TAXIWAY MARKERS SHALL BE PAINTED YELLOW WITH TEMPORARY MARKING CAPABLE OF BEING REMOVED WITH LOW PRESSURE WATER BLASTING OR OTHER MATERIAL THAT DOES NOT VIOLATE THE OBJECT AS DIRECTED BY THE RESIDENT ENGINEER, ALTERNATE FLASHER OR STEADY BURN. LENSES SO THAT EVERY OTHER LENS IS ROTATED 90° FREE AREA CRITERIA AND RUNWAY SAFETY AREA CRITERIA PER ADVISORY CIRCULAR 150/5300-13B (LATEST EDITION) AND ARE APPROVED BY THE RESIDENT ENGINEER AND AIRPORT. 4. FLASHER OR STEADY BURN LIGHTS SHALL BE SECURED TO THE BARRICADES, AS - WHITE 2. IF UNABLE TO PAINT TEMPORARY MARKINGS ON THE PAVEMENT, CONSTRUCT THEM WITH ANY OF THE FOLLOWING APPROVED BY THE RESIDENT ENGINEER MATERIALS: FABRIC, COLORED PLASTIC, OR SIMILAR MATERIALS. THEY MUST BE PROPERLY CONFIGURED AND APPROPRIATELY SECURED TO PREVENT MOVEMENT BY PROPELLER WASH, JET BLAST OR OTHER WIND 5. BARRICADES SHALL BE OF LOW MASS, EASILY COLLAPSIBLE UPON CONTACT WITH AN - ORANGE CURRENTS. ITEMS USED TO SECURE SUCH MARKINGS MUST BE OF A COLOR SIMILAR TO THE MARKING. AIRCRAFT OR ANY OF IT COMPONENTS. AND WEIGHTED TO AVOID BEING BLOWN OVER 3. CONTRACTOR SHALL MAINTAIN AND RELOCATE MARKERS AS SHOWN ON THE PLANS OR AS NEEDED TO 6. BARRICADES SHALL BE OF A COMMERCIAL DESIGN AND SHALL MEET CURRENT FAA 4. COST OF FURNISHING, INSTALLING, MAINTAINING AND REMOVING MARKERS SHALL BE CONSIDERED INCIDENTAL CONSTRUCTION EQUIPMENT AND 7. PLACE ALL BARRICADES OUTSIDE RUNWAY SAFETY AREAS, RUNWAY OBSTACLE FREE 5. PLACE MARKERS OVER TAXIWAY CENTERLINE TRUCK/VEHICLE SIGNAL FLAG 8. ALL COST ASSOCIATED WITH THE LOW PROFILE BARRICADES SHALL BE CONSIDERED 6. MARKERS ARE ONLY REQUIRED FOR CLOSURES EXCEEDING 72 HOURS. NOT TO SCALE INCIDENTAL TO THE CONTRACT AS THE CONSTRUCTION OF THE PORTION OF THE TAXIWAY WITHIN THE RUNWAY SAFETY AREA, PROGRESSES, SHOULD THE NEW TAXIWAY BE CLOSED FOR MORE THAN 72 HOURS. THE CONTRACTOR SHALL INSTALL A CLOSED TAXIWAY MARKER AS SHOWN IN THE DETAIL. THE CLOSED TAXIWAY MARKER SHALL NOT BE REMOVED UNLESS THE TAXIWAY WILL BE OPENED AND REMAIN OPEN WITHIN 72 HOURS OF MARKER REMOVAL.

EXTEN THE HILL



LK016

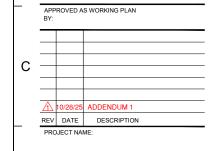
VILLAGE OF LAKE IN THE HILLS

LAKE IN THE HILLS MUNICIPAL AIRPORT LAKE IN THE HILLS, IL

Ε

В

AIP Proj: 3-17-SBGP-TBD IL Proj: 3CK-5001



REPLACE AWOS

SEQUENCE OF CONSTRUCTION - DETAILS

DESIGNED: DRAWN: CHECKED:
CMT-ARR CMT-ARR CMT-ARR

PROJECT NO.: 21001618.00

DATE: SEPTEMBER 12, 2025

SHEET NO. REVISION

7 6 5 4 3 2

8

