



Illinois Department of Transportation

Office of Intermodal Project Implementation / Division of Aeronautics
1 Langhorne Bond Drive / Springfield, Illinois 62707-8415

June 2, 2021

SUBJECT: Waukegan National Airport
Waukegan, Illinois
Lake County
Illinois Project Number: UGN-4824
SBG Project Number: 3-17-SBGP-162/TBD
Contract No. WA075
Item No. 06A, June 11, 2021 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:

Construction plan revisions issued as Addendum A.

To All Plan Holders:

Plan Changes:

1. Replace Airfield Lighting Vault Electrical Site Plan with Revised Site Plan
 - Revised language of Note 8 to the following: "Use existing old vault for temporary 5/23 regulator. Contact COMED to energize existing service. Install jumpers, if available, in existing duct to existing handhole to feed Runway 5/23 circuit (cost incidental). If an existing duct is not available, jumpers shall be installed above grade in a protective sleeve and shall be protected with barricades or other approved devices (cost incidental)."
 - Added Note 12 which adds the following temporary regulator service requirements: "The Contractor shall be responsible to maintain the temporary regulator and radio controller in service. Should failure of the primary power occur, the contractor shall install and maintain a temporary backup generator until the primary service is reestablished by COMED. The Contractor shall reestablish power to the temporary equipment within 2 hours of being notified by the Airport and/or Resident Engineer (cost incidental)."
 - Added Note 13 which adds the following contact information: "Contractor may contact Patrick Lutker, Airport Deputy Director, at 847-244-0055 to schedule a site visit."

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 Kyle Peabody, P.E. of Crawford, Murphy & Tilly, Inc. at (630) 907-7024.

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 UGN 20022602-00 UTIL.dwg
 UGN 20022602-00 MARK.dwg
 UGN 20022602-00 TIE.dwg


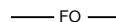

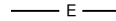

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NOTES :

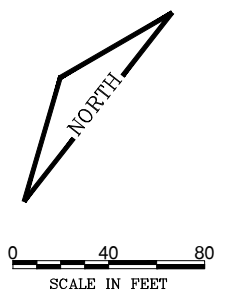
- EXISTING UTILITIES ARE SHOWN FOR INFORMING ONLY. CONTRACTOR SHALL LOCATE AND PROTECT EXISTING UTILITIES.
- REMOVE EXISTING L-821 CONTROL CABLE FROM EXISTING DUCTBANK. INSTALL NEW FIBER OPTIC CABLE IN EXISTING DUCTBANK.
- CONNECT NEW 2" PVC SCH. 80 CONDUIT TO EXISTING HANDHOLE/MANHOLE.
- REFER TO ATCT PLAN FOR ATCT MODIFICATIONS.
- REFER TO VAULT PLANS FOR VAULT MODIFICATIONS.
- CONTRACTOR SHALL FURNISH AND INSTALL CONCRETE PAD FOR COMED TRANSFORMER. INSTALL SECONDARY CONDUITS. COORDINATE ALL WORK WITH COMED.
- NEW ELECTRIC SERVICE SHALL BE 400A, 480/277V, 3-PHASE, 4-WIRE.
- USE EXISTING OLD VAULT FOR TEMPORARY 5/23 REGULATOR. CONTACT COMED TO ENERGIZE EXISTING SERVICE. INSTALL CIRCUIT BREAKER AND RADIO CONTROLLER. INSTALL JUMPERS, IF AVAILABLE, IN EXISTING DUCT TO EXISTING HANDHOLE TO FEED RUNWAY 5/23 CIRCUIT (COST INCIDENTAL). IF AN EXISTING DUCT IS NOT AVAILABLE, JUMPERS SHALL BE INSTALLED ABOVE GRADE IN A PROTECTIVE SLEEVE AND SHALL BE PROTECTED WITH BARRICADES OR OTHER APPROVED DEVICES (COST INCIDENTAL).
- EXISTING AIRCRAFT MONUMENT SITE SHALL BE PROTECTED AND SHALL NOT BE DISTURBED.
- EXACT LOCATION OF ROUTING OF COMED TRANSFORMER AND PRIMARY CONDUITS SHALL BE COORDINATED WITH COMED. THE COST OF TRANSFORMER PAD, PRIMARY CONDUITS AND SECONDARY CABLES/CONDUIT SHALL BE INCLUDED IN LUMP SUM PAY ITEM "AR 109210 VAULT MODIFICATIONS".
- CONTRACTOR SHALL REMOVE AND REPLACE PCC CONCRETE BARRIER CURB AND AGGREGATE WALKWAY IN KIND. COST IS INCIDENTAL TO THE CONTRACT.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN THE TEMPORARY REGULATOR AND RADIO CONTROLLER IN SERVICE. SHOULD FAILURE OF THE PRIMARY POWER OCCUR, THE CONTRACTOR SHALL INSTALL AND MAINTAIN A TEMPORARY BACK UP GENERATOR UNTIL THE PRIMARY SERVICE IS REESTABLISHED BY COMED. THE CONTRACTOR SHALL REESTABLISH POWER TO THE TEMPORARY EQUIPMENT WITHIN 2 HOURS OF BEING NOTIFIED BY THE AIRPORT AND/OR RESIDENT ENGINEER (COST INCIDENTAL).
- CONTRACTOR MAY CONTACT PATRICK LUTKER, AIRPORT DEPUTY DIRECTOR, AT 847-244-0055 TO SCHEDULE A SITE VISIT.

LEGEND

-  NEW TRANSFORMER PAD
-  NEW FIBER OPTIC CABLE
-  NEW DIRECTIONALLY BORED CONDUIT
-  NEW SECONDARY CABLES AND DUCT
-  NEW ELECTRICAL LOW VOLTAGE HANDHOLE

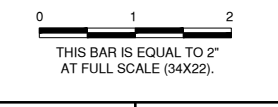
KEYED NOTES

- NEW 1-12 STRAND SINGLE MODE FIBER OPTIC CABLE (ALCMS) IN 1-2" PVC SCH. 80 CONDUIT, DIRECT BURIED.
- NEW 1-12 STRAND SINGLE MODE FIBER OPTIC CABLE (ALCMS) IN 1-2" PVC SCH. 80 CONDUIT, DIRECTIONALLY BORED.
- NEW 1-12 STRAND SINGLE MODE FIBER OPTIC CABLE (ALCMS) IN EXISTING DUCTS.
- NEW 12-1/C #8 5KV L-824 TYPE C IN 4-4" PVC SCH. 80 CONDUIT. (RUNWAY AND TAXIWAY HOMERUN CIRCUITS)(NOT SHOWN)
- NEW 2"x2' ELECTRICAL LOW VOLTAGE HANDHOLE. LID SHALL BE STAMPED "COMMUNICATION"
- NEW 4-600KCMIL, XHHW-2 AND 1 #4/0 GND. IN 1-4" PVC SCH. 40 CONCRETE ENCASED DUCT (NOTE 10).
- NEW 2-4" PVC SCH. 40 WITH PULL STRING (NOTE 10).



IL CONTRACT: **WA075**
 IL LETTING ITEM: **06A**
 IL PROJECT: **UGN-4824**
 S.B.G. PROJECT: **3-17-SBGP-XXX**

REVISIONS		
NUMBER	BY	DATE
1	ARM	5/28/21



WAUKEGAN NATIONAL AIRPORT
WAUKEGAN, ILLINOIS
REHABILITATE AIRFIELD LIGHTING PHASE 1 & 2 AND ALCMS
AIRFIELD LIGHTING VAULT ELECTRICAL SITE PLAN

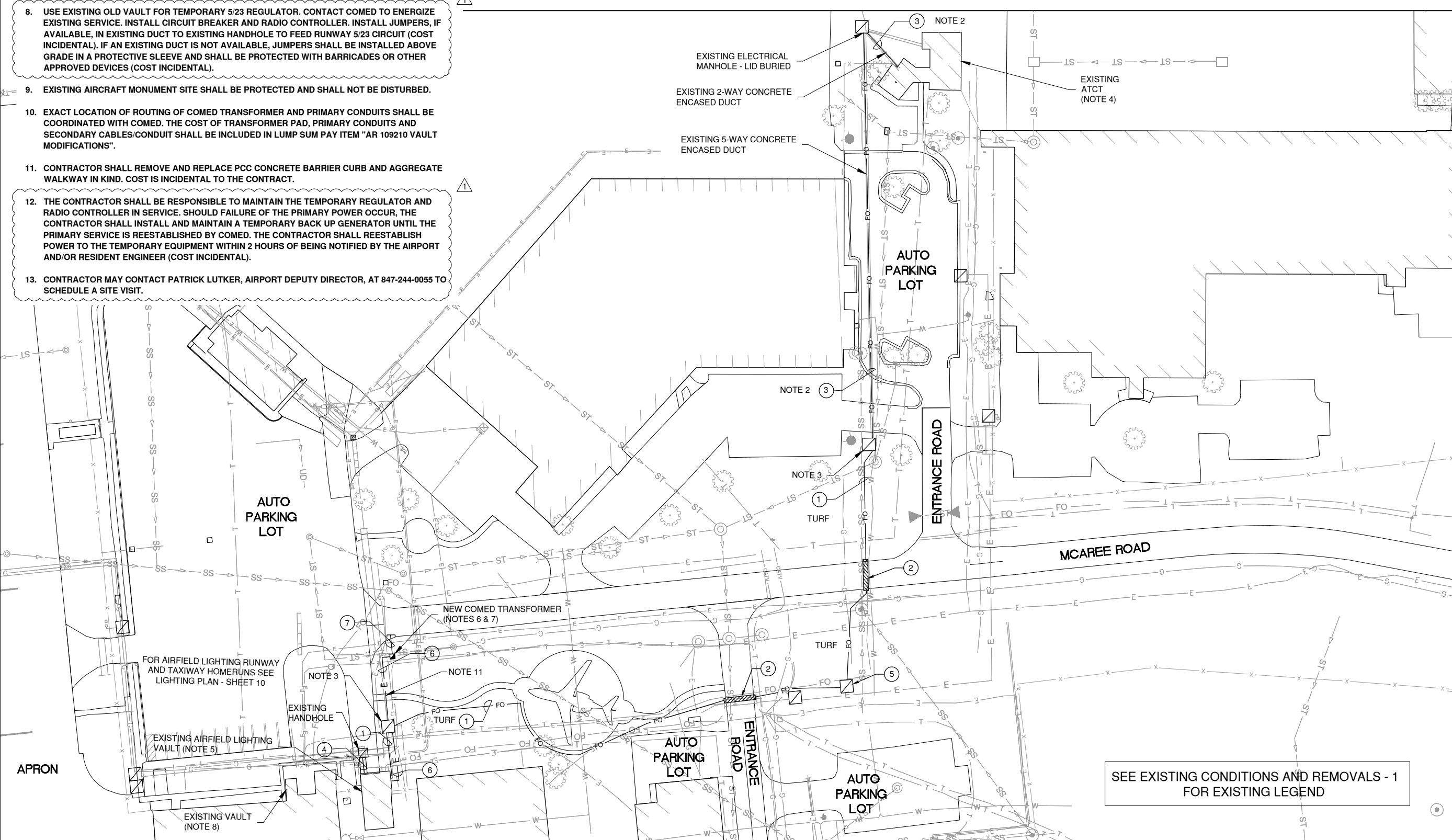
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DESIGN BY:	AB
DRAWN BY:	LBN
CHECKED BY:	AB
APPROVED BY:	AB
DATE:	4/16/2021
JOB No:	20022602-00
FINAL	
SHEET 48 OF 61 SHEETS	



SEE EXISTING CONDITIONS AND REMOVALS - 1 FOR EXISTING LEGEND