EXISTING RUNWAY 9-27

BP: 0+00.00

0+00

1+00

PROPOSED TAXIWAY "A"

2+00

## LEGEND

- EXISTING PAVEMENT
- PROPOSED IMPROVEMENTS
- EXISTING ELECTRICAL DUCT
- PROPOSED ELECTRICAL DUCT
- E — EXISTING ELECTRICAL CABLES
- EXISTING PAPI HOMERUN CABLES
- PROPOSED 1/C #8 AWG, FAA L-824, 5000 V TYPE C UNDERGROUND CABLE IN UNIT DUCT
- PROPOSED 2-1/C #4 AWG, XLP-USE 600 V UNDERGROUND CABLE IN UNIT DUCT
- PROPOSED 3-1/C #6 AWG, XLP-USE 600 V UNDERGROUND CABLE IN UNIT DUCT
- PROPOSED 3-1/C #8 AWG, XLP-USE 600 V UNDERGROUND CABLE IN UNIT DUCT
- UD — EXISTING UNDERDRAIN
- SS — EXISTING STORM SEWER
- SS — PROPOSED STORM SEWER
- RELOCATED STAKE MOUNTED TAXIWAY LIGHT
- RELOCATED BASE MOUNTED TAXIWAY LIGHT
- PROPOSED ELECTRICAL HANDHOLE, MANHOLE
- EXISTING STAKE MOUNTED RUNWAY THRESHOLD LIGHT
- RELOCATED TAXI GUIDANCE SIGN
- PROPOSED INLET
- PROPOSED END SECTION
- SC — PROPOSED SPLICE CAN
- HH — PROPOSED ELECTRICAL HANDHOLE
- MH — PROPOSED ELECTRICAL MANHOLE

## NOTE TO CONTRACTOR:

ONLY THE EXISTING AND PROPOSED ELECTRICAL CABLES (FOR RWY 18-36 NAVAIDS) IDENTIFIED ON THIS SHEET HAVE BEEN SHOWN FOR CLARITY. ALL OTHER EXISTING AND PROPOSED ELECTRICAL CABLES HAVE NOT BEEN SHOWN. WHILE INSTALLING THESE CABLES THE CONTRACTOR SHALL BE AWARE THAT THE OTHER EXISTING AND PROPOSED ELECTRICAL CABLES, EVEN THOUGH NOT SHOWN, ARE STILL PRESENT. WHEN IN DOUBT THE CONTRACTOR SHOULD REFER TO THE OTHER PROPOSED CABLE LAYOUT SHEETS TO DETERMINE LOCATION OF OTHER EXISTING AND PROPOSED CABLES.

AFTER THE INSTALLATION OF THE PROPOSED RUNWAY 18-36 CABLING THE INSTALLATION OF THE PROPOSED CABLES SHOWN ON THIS SHEET WILL BE THE ELECTRICAL CONTRACTORS' NEXT PRIORITY FOR INSTALLATION.

EXISTING RWY 18 PAPI HOMERUN CABLES

PROPOSED LOW VOLTAGE MANHOLE (TYP. EACH SIDE) AR110710

EXISTING RWY 36 REIL HOMERUN CABLES

EXISTING RWY 18 REIL HOMERUN CABLES

EXISTING RWY 36 PAPI HOMERUN CABLES

EXPOSED SUFFICIENT AMOUNT OF THE EXISTING RWY 36 PAPI HOMERUN CABLES TO PULL THEM INTO THE PROPOSED ELECTRICAL MANHOLE AND SPLICE THEM TO THE PROPOSED RWY 36 PAPI HOMERUN CABLES.

PROPOSED RWY 18 REIL 120 VAC FEEDER CKT; 2-1/C #4 XLP-USE, 600 V UG CABLE IN UNIT DUCT (AR108554)

PROPOSED RWY. 36 REIL 120 VAC FEEDER CKT; 2-1/C #4 XLP-USE, 600 V UG CABLE IN UNIT DUCT (AR108554)

SEE SHEET NO. 26 FOR CONTINUATION OF THE PROPOSED CABLING IN THIS AREA.

MH #1 MH #2 MH #3 MH #4 MH #5 MH #6

PROPOSED 4-4" DIRECTIONAL BORE DUCT - 65 LIN. FT. EACH = 260 LIN. FT. TERMINATE IN MANHOLES

PROPOSED LOW VOLTAGE MANHOLE (TYP. EACH SIDE) (AR110710)

EXISTING TAXIWAY "B"

EP: 4+00.00

PROPOSED RWY 36 PAPI 120/240 VAC FEEDER CKT; 3-1/C #6 XLP-USE 600 V UG CABLE IN UNIT DUCT (AR108656)

PROPOSED RWY 18 PAPI 120/240 VAC FEEDER CKT; 3-1/C #6 XLP-USE 600 V UG CABLE IN UNIT DUCT (AR108656)

EXPOSED SUFFICIENT AMOUNT OF THE EXISTING RWY 18 & 36 REIL HOMERUN CABLES TO PULL THEM INTO THE PROPOSED ELECTRICAL MANHOLE AND SPLICE THEM TO THE PROPOSED RWY 18 & 36 REIL HOMERUN CABLES.

EXISTING RWY 36 REIL HOMERUN CABLES

EXISTING RWY 18 REIL HOMERUN CABLES

EXISTING RWY 36 PAPI HOMERUN CABLES

84'

EXISTING TAXIWAY "C"

PROPOSED SPLICE CAN - SPLICE EXISTING RWY 18 PAPI HOMERUN CABLES TO PROPOSED RWY 18 PAPI HOMERUN CABLES

EXISTING RWY 18 PAPI HOMERUN CABLES

EXISTING APRON

HANGAR

EXISTING 4-WAY ELECT. DUCT TO VAULT

EXISTING LOW VOLTAGE HANDHOLE

EXISTING AIRPORT ELECTRICAL VAULT

UGE

OHE

HANGAR

N

0' 15' 30' 60'

HALF SIZE SCALE: 1"= 60'
FULL SIZE SCALE: 1"= 30'

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pw:\\spi-swr306.hanson.dom:Hanson Projects\Documents\12Jobs\12A0062\12A0062D\CAD\Airport\Sheets\12-085-PHBEDER

REVISION | DATE

LITCHFIELD MUNICIPAL AIRPORT
LITCHFIELD, ILLINOIS

IL. PROJ.: 3LF-4194 BLOCK GRANT PROJ.: 3-17-0063-B19

Hanson Proj. No. 12A0062D
Filename E-142-4-ELEC.dwg
Scale 1"= 20'
Date 01/11/13

| | | |
|---|---|---|
| LAYOUT | CAH | 06/11/12 |
| DRAWN | BAK | 06/11/12 |
| REVIEWED | CAH/KNL | 01/10/13 |

HANSON

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REALIGN TAXIWAY "A"

PROPOSED CABLE LAYOUT FOR RUNWAY 18-36 NAVAIDS

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