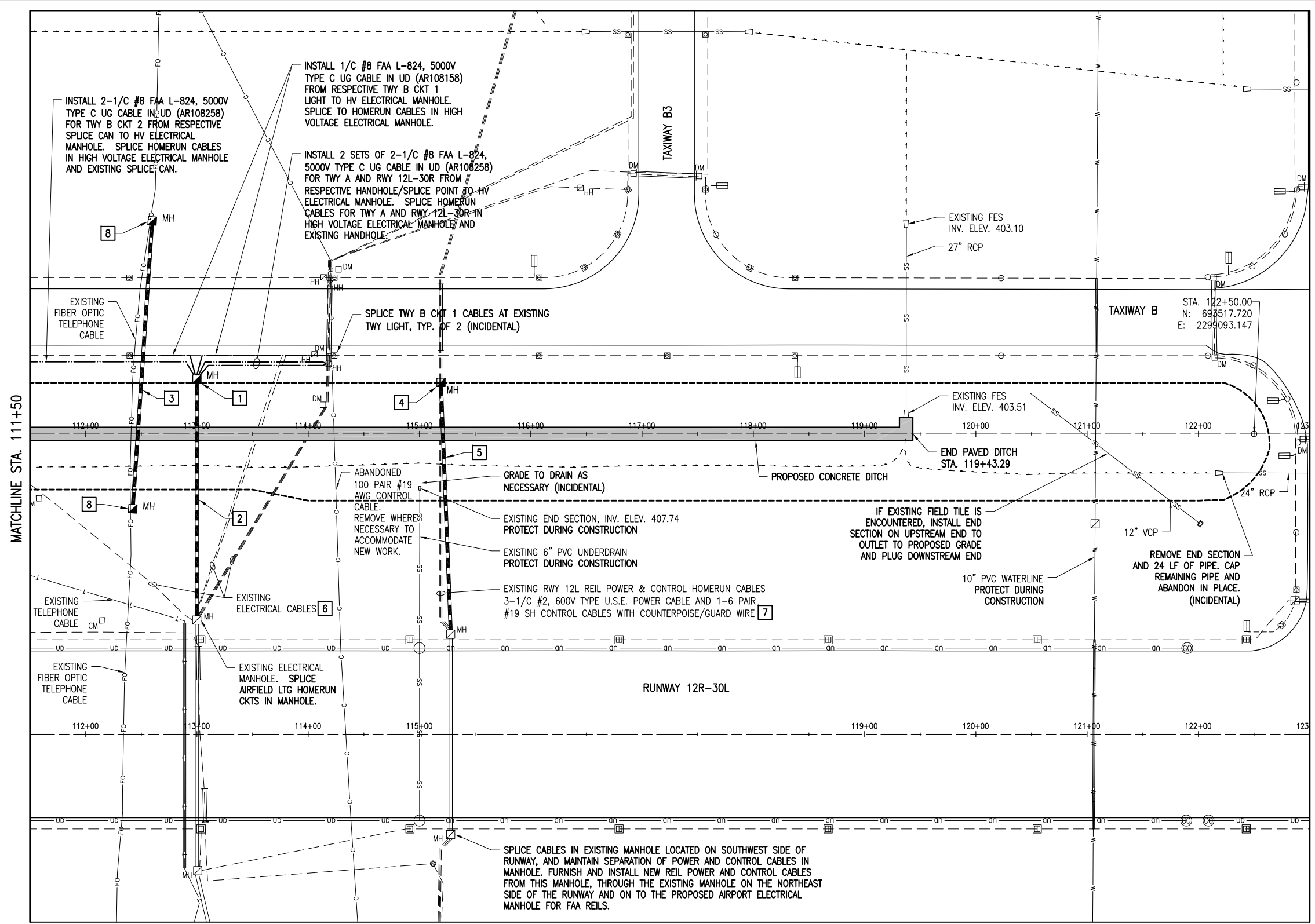


0' 25' 50' 100'
 HALF SIZE SCALE: 1" = 100'
 FULL SIZE SCALE: 1" = 50'

LEGEND

- EXISTING PAVEMENT
- EXISTING DRAINAGE DITCH
- EXISTING WATER
- EXISTING TELEPHONE
- EXISTING FIBER OPTIC
- EXISTING COMMUNICATION CABLE
- EXISTING STORM SEWER
- EXISTING ELECTRIC
- EXISTING ELECTRICAL DUCT
- PROPOSED DUCT
- PROPOSED 1/2" #8 AWG, FAA L-824, 5000V TYPE C UNDERGROUND CABLE UNIT DUCT
- PROPOSED 2-1/2" #8 AWG, FAA L-824, 5000V TYPE C UNDERGROUND CABLE IN UNIT DUCT
- PROPOSED CONCRETE PAVED DITCH
- PROPOSED GRADING LIMITS
- EXISTING TAXI GUIDANCE SIGN
- EXISTING BASE MOUNTED TAXIWAY LIGHT
- EXISTING BASE MOUNTED RUNWAY LIGHT
- EXISTING BASE MOUNTED THRESHOLD LIGHT
- EXISTING SPLICE CAN
- EXISTING HANDHOLE
- EXISTING MANHOLE
- PROPOSED HANDHOLE
- PROPOSED MANHOLE



KEYED NOTES

- 1** INSTALL AIRPORT ELECTRICAL MANHOLE (AR110715) FOR AIRFIELD LIGHTING SERIES CKTS (HIGH VOLTAGE). SPLICE AIRFIELD LTG HOMERUN CKTS IN MANHOLE.
- 2** CONSTRUCT 220 LF OF 4"-4 WAY CONCRETE ENCASED DUCT (AR110504). TERMINATE DUCTS IN MANHOLES.
 DUCT 1: INSTALL TWY B CKT 1 AND TWY B CKT 2 HOMERUN CABLES; 4-1/2" #8 AWG FAA L-824, 5000V TYPE C CABLES (AR108108)
 DUCT 2: INSTALL TWY A HOMERUN CABLES; 2-1/2" #8 AWG FAA L-824, 5000V TYPE C CABLES (AR108108)
 DUCT 3: INSTALL RWY 12L-30R HOMERUN CABLES; 2-1/2" #8 AWG FAA L-824, 5000V TYPE C CABLES (AR108108)
 DUCT 4: LEAVE FOR SPARE
- 3** INSTALL 260 LF OF 2" DIRECTIONAL BORE (AR110012) AT MINIMUM DEPTH OF 5 FEET BELOW EXISTING/PROPOSED GRADES. TERMINATE IN MANHOLES AND INSTALL PULL WIRES. FIBER OPTIC TELEPHONE CABLE SHALL BE REROUTED BY THE SERVING TELEPHONE COMPANY.
- 4** INSTALL AIRPORT ELECTRICAL MANHOLE (AR110715) FOR FAA REILS. ADJUST LOCATION TO COORDINATE WITH LOCATION OF FAA REIL CABLES. SPLICE CABLES IN PROPOSED MANHOLE AND MAINTAIN SEPARATION OF POWER AND CONTROL CABLES IN MANHOLE. TERMINATE COUNTERPOISE AT 3/4" X 10'L GROUND ROD AT EXTERIOR OF MANHOLES (INCIDENTAL TO AR108706)
- 5** CONSTRUCT 230 LF OF 4"-2 WAY CONCRETE ENCASED DUCT (AR110502). TERMINATE DUCTS IN MANHOLES.
 DUCT 1: INSTALL REIL POWER CABLES: 3-1/2" #2, 600V TYPE XLP-USE POWER CABLE (AR108082)
 DUCT 2: INSTALL 1-6 PAIR #19 SH CONTROL CABLES (AR108806)
 INSTALL A #6 BARE SOLID COPPER COUNTERPOISE APPRX 10" ABOVE DUCT BANK (AR108706)
- 6** EXISTING AIRFIELD LIGHTING HOMERUN CABLES FOR TWY B CKT 1, TWY B CKT 2, TWY A, AND RWY 12L-30R SHALL BE REMOVED TO ACCOMMODATE NEW WORK AND REPLACED AS DETAILED HEREIN.
- 7** EXISTING FAA RWY 12L REIL POWER AND CONTROL HOMERUN CABLES SHALL BE REMOVED TO ACCOMMODATE NEW WORK AND REPLACED AS DETAILED HEREIN.
- 8** INSTALL ELECTRICAL MANHOLE-4' (AR110714). END LOCATIONS OF DIRECTIONAL BORE AND LOCATIONS OF PROPOSED MANHOLES SHALL BE COORDINATED WITH THE PHONE COMPANY FOLLOWING UTILITY LOCATES (TYP.)

REVISION	DATE

SAINT LOUIS DOWNTOWN AIRPORT
 A Division of Bi-State Development Agency
 BLOCK GRANT PROJ.: 3-17-0039-B29
 IL PROJ.: CFS-4210

Hanson Project No. 11A0190	DATE	03/08/13
Filename C-121-CON.dwg	LAYOUT	01/28/13
Scale 1"=50'H 1"=5'V	DRAWN	01/29/13
Date 03/08/13	REVIEWED	03/08/13

HANSON
 Hanson Professional Services Inc. 2013
 1525 South Main Street
 Springfield, Illinois 62703-2886

GRADE DITCH PARALLEL TO MAIN RUNWAY
 CONSTRUCTION PLAN - STA. 111+50 TO STA. 123+00

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