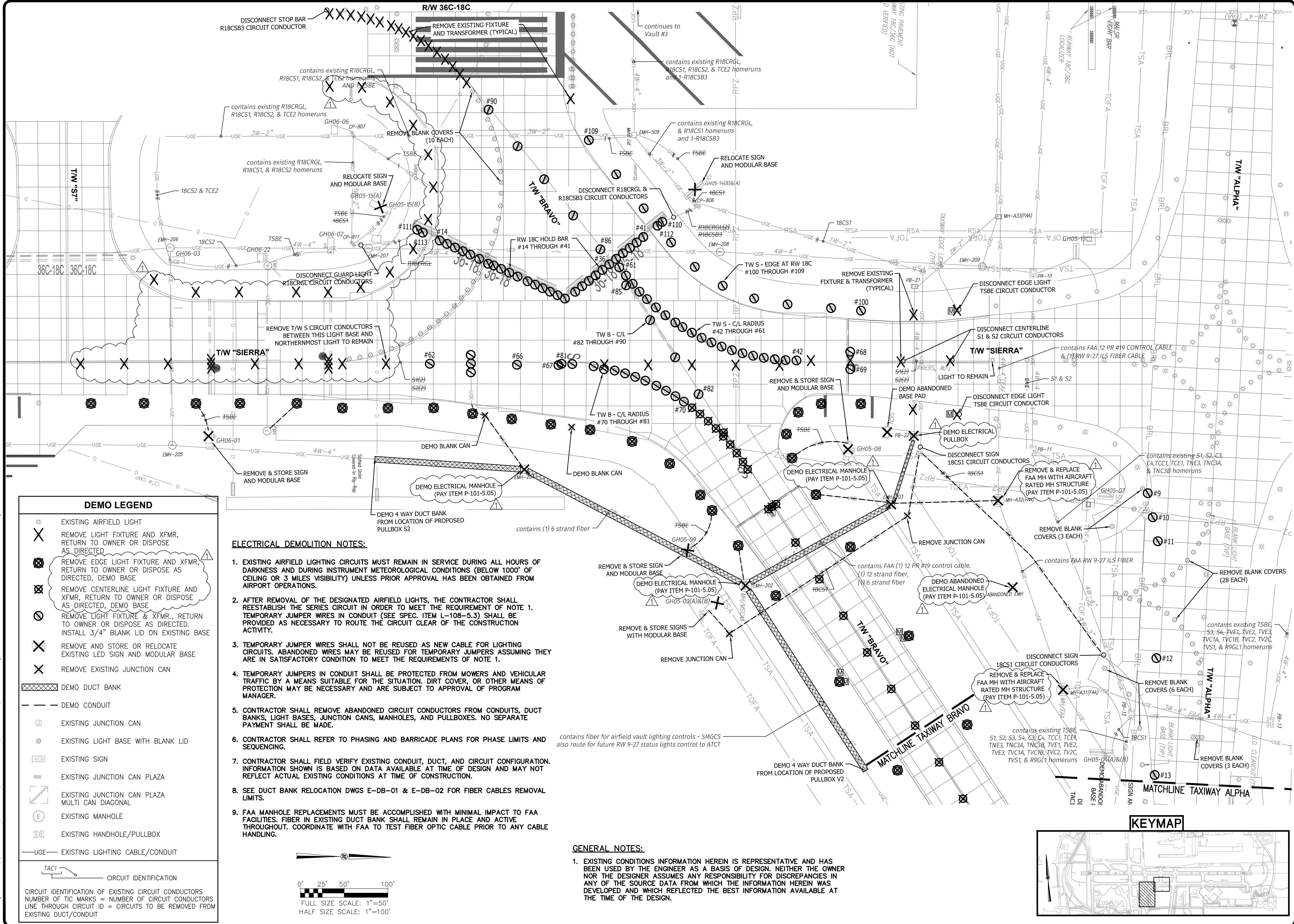


Drawing name: \\ahmem04\72198-B\18-1413-02\DRAWINGS\LE-DP-01.dwg 22x34 Jun 10, 2026 11:10am by: landerson



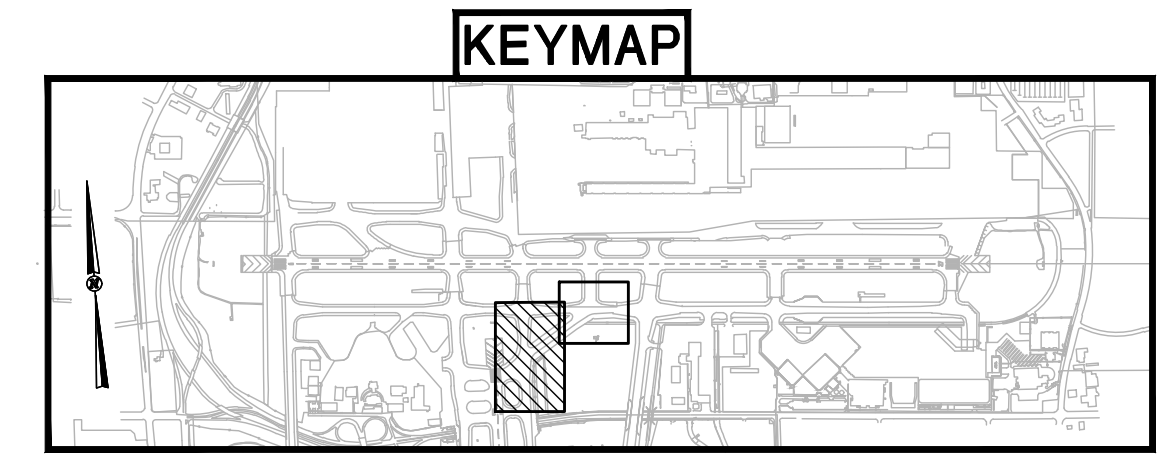
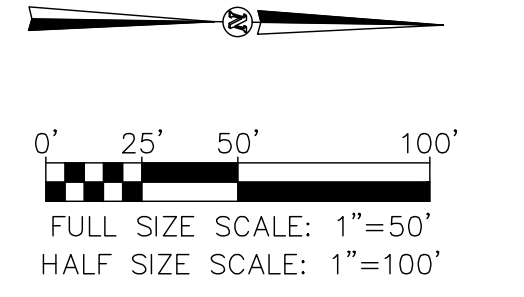
DEMO LEGEND

- EXISTING AIRFIELD LIGHT
- REMOVE LIGHT FIXTURE AND XFMR, RETURN TO OWNER OR DISPOSE AS DIRECTED
- REMOVE EDGE LIGHT FIXTURE AND XFMR, RETURN TO OWNER OR DISPOSE AS DIRECTED, DEMO BASE
- REMOVE CENTERLINE LIGHT FIXTURE AND XFMR, RETURN TO OWNER OR DISPOSE AS DIRECTED, DEMO BASE
- REMOVE LIGHT FIXTURE & XFMR., RETURN TO OWNER OR DISPOSE AS DIRECTED. INSTALL 3/4" BLANK LID ON EXISTING BASE
- REMOVE AND STORE OR RELOCATE EXISTING LED SIGN AND MODULAR BASE
- REMOVE EXISTING JUNCTION CAN
- DEMO DUCT BANK
- DEMO CONDUIT
- EXISTING JUNCTION CAN
- EXISTING LIGHT BASE WITH BLANK LID
- EXISTING SIGN
- EXISTING JUNCTION CAN PLAZA
- EXISTING JUNCTION CAN PLAZA MULTI CAN DIAGONAL
- EXISTING MANHOLE
- EXISTING HANDHOLE/PULLBOX
- EXISTING LIGHTING CABLE/CONDUIT
- CIRCUIT IDENTIFICATION

CIRCUIT IDENTIFICATION OF EXISTING CIRCUIT CONDUCTORS
 NUMBER OF TIC MARKS = NUMBER OF CIRCUIT CONDUCTORS
 LINE THROUGH CIRCUIT ID = CIRCUITS TO BE REMOVED FROM EXISTING DUCT/CONDUIT

- ### ELECTRICAL DEMOLITION NOTES:
- EXISTING AIRFIELD LIGHTING CIRCUITS MUST REMAIN IN SERVICE DURING ALL HOURS OF DARKNESS AND DURING INSTRUMENT METEOROLOGICAL CONDITIONS (BELOW 1000' OF CEILING OR 3 MILES VISIBILITY) UNLESS PRIOR APPROVAL HAS BEEN OBTAINED FROM AIRPORT OPERATIONS.
 - AFTER REMOVAL OF THE DESIGNATED AIRFIELD LIGHTS, THE CONTRACTOR SHALL REESTABLISH THE SERIES CIRCUIT IN ORDER TO MEET THE REQUIREMENT OF NOTE 1. TEMPORARY JUMPER WIRES IN CONDUIT (SEE SPEC. ITEM L-108-5.3) SHALL BE PROVIDED AS NECESSARY TO ROUTE THE CIRCUIT CLEAR OF THE CONSTRUCTION ACTIVITY.
 - TEMPORARY JUMPER WIRES SHALL NOT BE REUSED AS NEW CABLE FOR LIGHTING CIRCUITS. ABANDONED WIRES MAY BE REUSED FOR TEMPORARY JUMPERS ASSUMING THEY ARE IN SATISFACTORY CONDITION TO MEET THE REQUIREMENTS OF NOTE 1.
 - TEMPORARY JUMPERS IN CONDUIT SHALL BE PROTECTED FROM MOWERS AND VEHICULAR TRAFFIC BY A MEANS SUITABLE FOR THE SITUATION. DIRT COVER, OR OTHER MEANS OF PROTECTION MAY BE NECESSARY AND ARE SUBJECT TO APPROVAL OF PROGRAM MANAGER.
 - CONTRACTOR SHALL REMOVE ABANDONED CIRCUIT CONDUCTORS FROM CONDUITS, DUCT BANKS, LIGHT BASES, JUNCTION CANS, MANHOLES, AND PULLBOXES. NO SEPARATE PAYMENT SHALL BE MADE.
 - CONTRACTOR SHALL REFER TO PHASING AND BARRICADE PLANS FOR PHASE LIMITS AND SEQUENCING.
 - CONTRACTOR SHALL FIELD VERIFY EXISTING CONDUIT, DUCT, AND CIRCUIT CONFIGURATION. INFORMATION SHOWN IS BASED ON DATA AVAILABLE AT TIME OF DESIGN AND MAY NOT REFLECT ACTUAL EXISTING CONDITIONS AT TIME OF CONSTRUCTION.
 - SEE DUCT BANK RELOCATION DWGS E-DB-01 & E-DB-02 FOR FIBER CABLES REMOVAL LIMITS.
 - FAA MANHOLE REPLACEMENTS MUST BE ACCOMPLISHED WITH MINIMAL IMPACT TO FAA FACILITIES. FIBER IN EXISTING DUCT BANK SHALL REMAIN IN PLACE AND ACTIVE THROUGHOUT. COORDINATE WITH FAA TO TEST FIBER OPTIC CABLE PRIOR TO ANY CABLE HANDLING.

- ### GENERAL NOTES:
- EXISTING CONDITIONS INFORMATION HEREIN IS REPRESENTATIVE AND HAS BEEN USED BY THE ENGINEER AS A BASIS OF DESIGN. NEITHER THE OWNER NOR THE DESIGNER ASSUMES ANY RESPONSIBILITY FOR DISCREPANCIES IN ANY OF THE SOURCE DATA FROM WHICH THE INFORMATION HEREIN WAS DEVELOPED AND WHICH REFLECTED THE BEST INFORMATION AVAILABLE AT THE TIME OF THE DESIGN.



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 APPROVED BY: MSC

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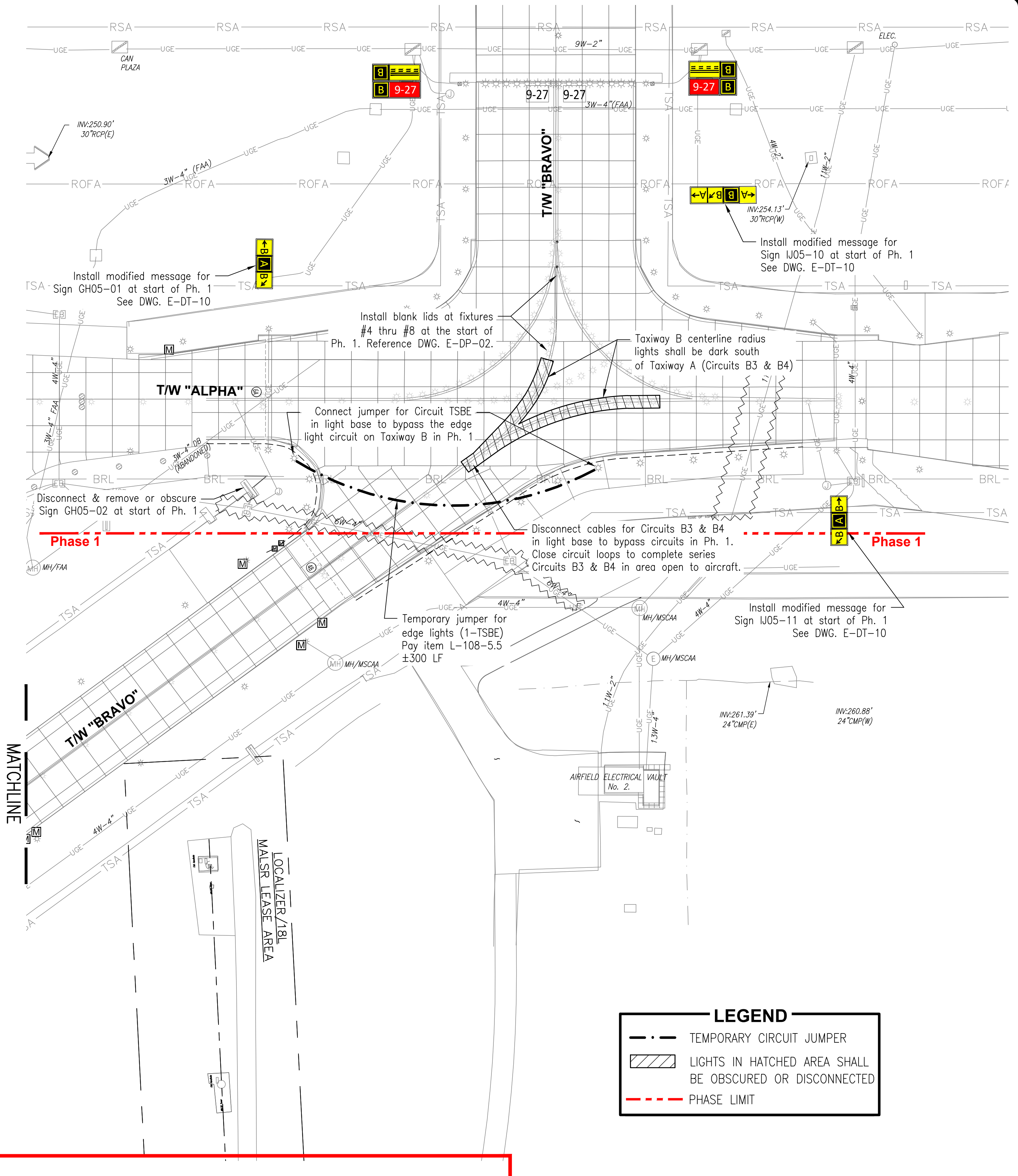
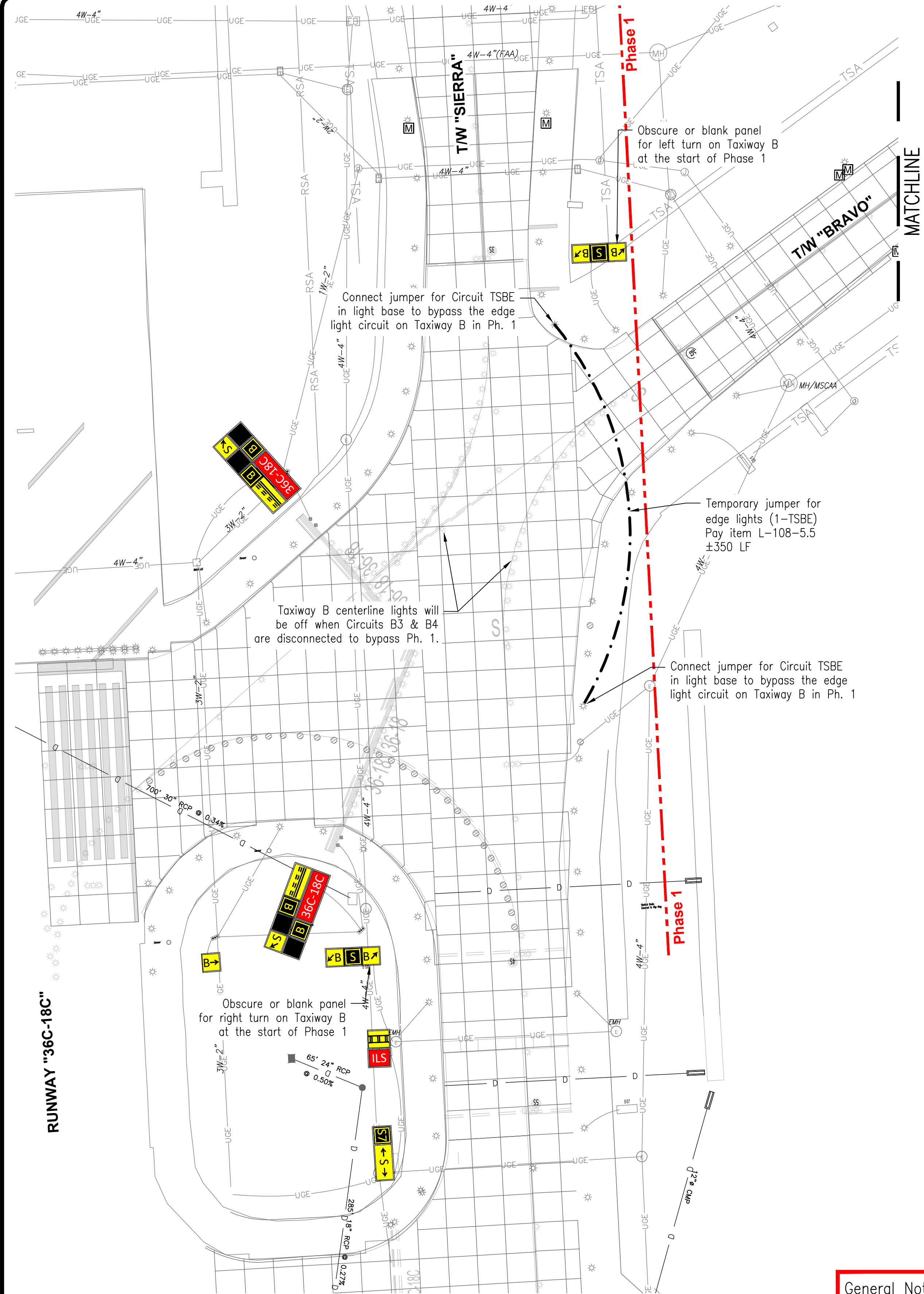
| NO. | DESCRIPTION | DATE | BY |
|-----|-------------|---------|----|
| 1 | ADDENDUM #2 | 6/11/26 | LA |

PROJECT:
TAXIWAY BRAVO RECONFIGURATION (HOT SPOT 1)

SHEET TITLE:
LIGHTING DEMOLITION PLAN TAXIWAY BRAVO

MSCAA NO. **18-1413-04**
 DWG. FILE NAME **E-DP-01.DWG**
 DATE **05/08/26** DWG. NO.
 SCALE **1"=50'** SHEET NO. **E-DP-01**
 FACILITY NO. **NONE**

Drawing name: \\ahmem04\72198-B\18-1413-02\DRAWINGS\E-DP-03.dwg 22x34 Jun 08, 2026 5:34pm by: landerson

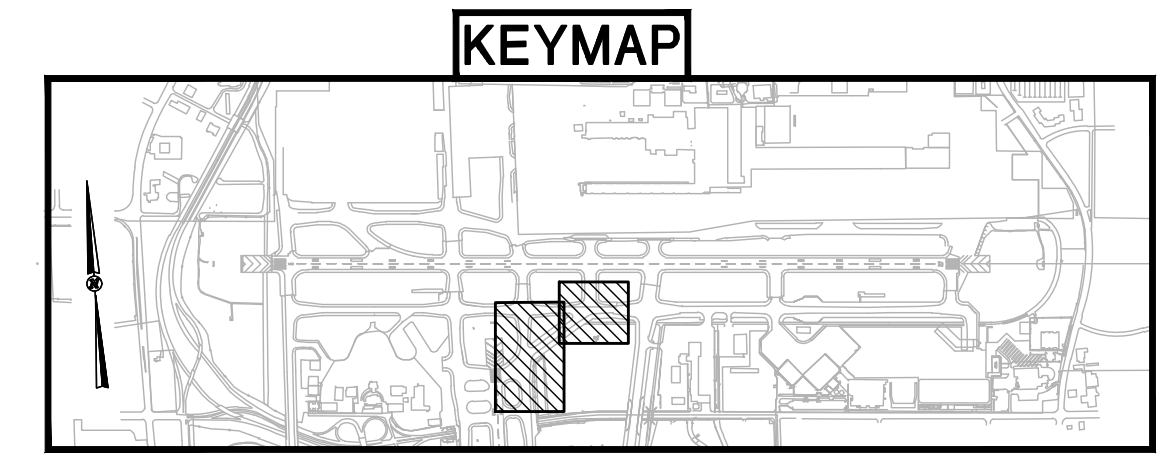


General Notes:

1. Temporary jumpers shall be protected from mowers and vehicular traffic by a means suitable for the situation. dirt cover, conduit or other means of protection may be necessary and are subject to approval by the Program Manager.
2. Fixtures and guidance signs shall be altered as shown for phased construction and as required by Airport Operations. No separate payment shall be made.
3. Contractor shall field verify/locate existing conduit, duct, and circuit configuration. Information shown is based on data available at time of design and may not reflect actual existing conditions. Contractor shall locate and protect all existing circuits.

LEGEND

- TEMPORARY CIRCUIT JUMPER
- ▨ LIGHTS IN HATCHED AREA SHALL BE OBSCURED OR DISCONNECTED
- - - PHASE LIMIT



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PROJECT:
TAXIWAY BRAVO RECONFIGURATION (HOT SPOT 1)

SHEET TITLE:
TEMPORARY CIRCUIT ROUTING PHASE 1

MSCAA NO. 18-1413-04
DWG. FILE NAME E-DP-03.DWG
DATE 05/08/26 DWG NO. E-DP-03
SCALE 1"=60' SHEET NO.
FACILITY NO. NONE



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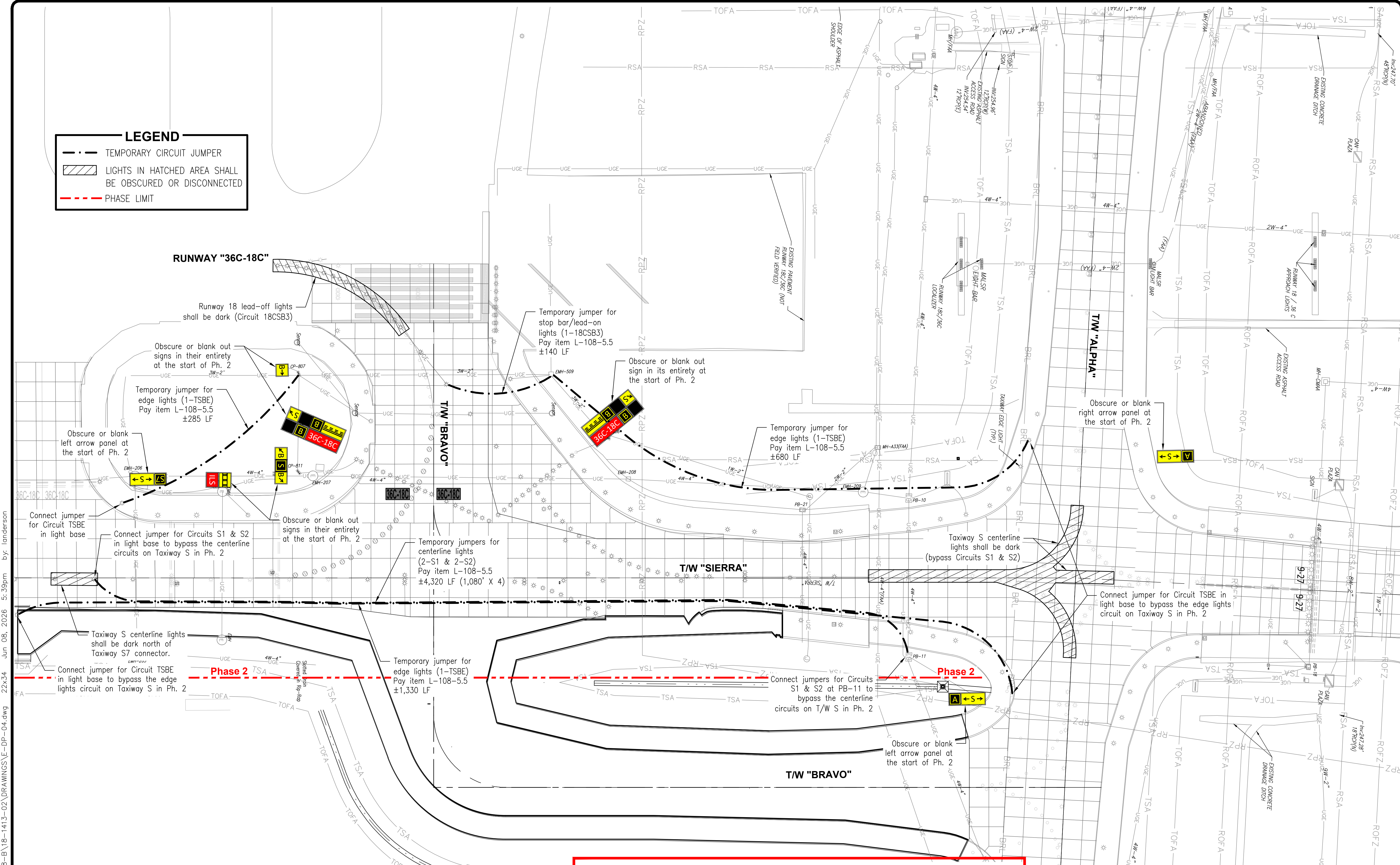
PROJECT:
TAXIWAY BRAVO RECONFIGURATION (HOT SPOT 1)

SHEET TITLE:
TEMPORARY CIRCUIT ROUTING PHASE 2

MSCAA NO. 18-1413-04
DWG. FILE NAME E-DP-04.DWG
DATE 05/08/26 DWG NO.
SCALE 1"=60' E-DP-04
FACILITY NO. NONE SHEET NO.

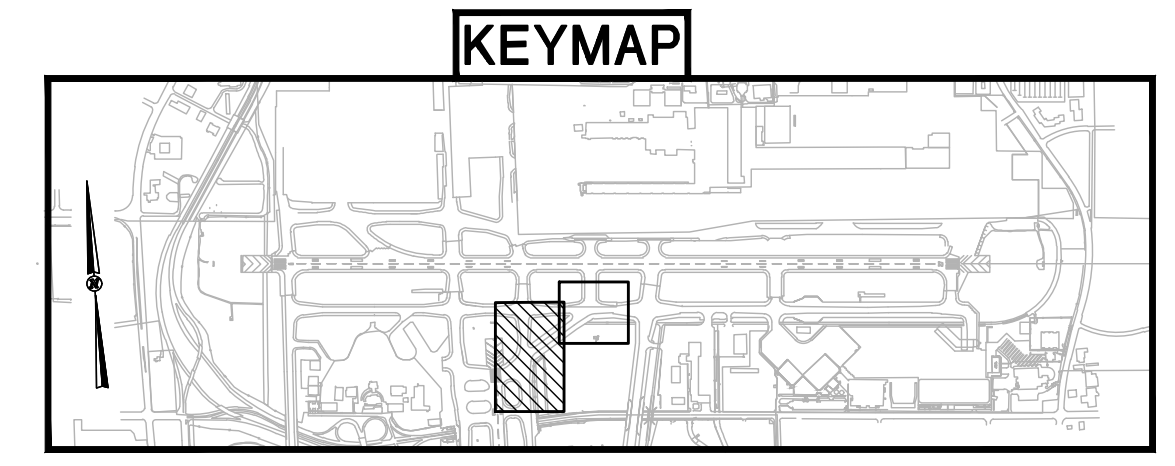
LEGEND

- TEMPORARY CIRCUIT JUMPER
- ▨ LIGHTS IN HATCHED AREA SHALL BE OBSCURED OR DISCONNECTED
- - - PHASE LIMIT

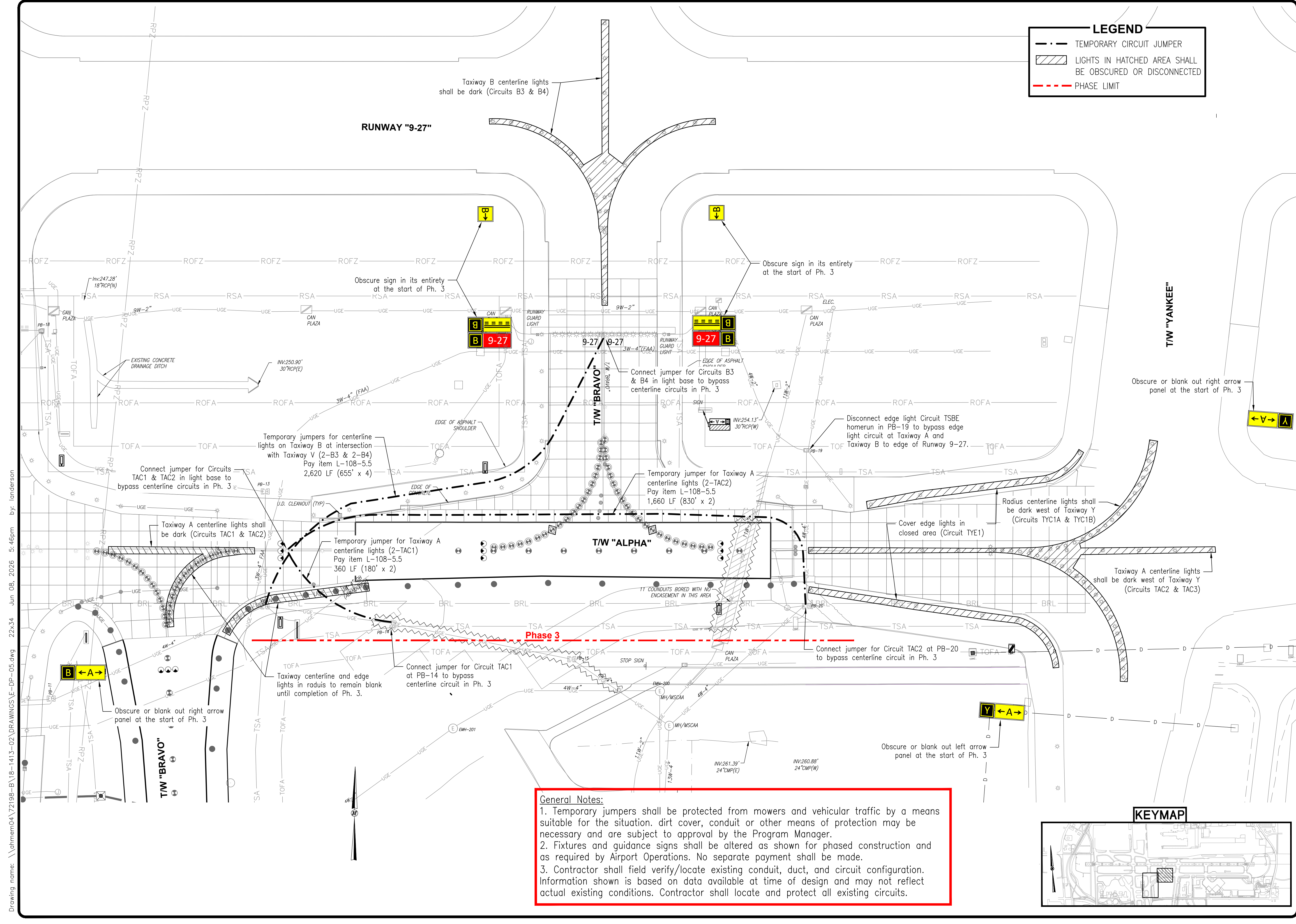


General Notes:

1. Temporary jumpers shall be protected from mowers and vehicular traffic by a means suitable for the situation. dirt cover, conduit or other means of protection may be necessary and are subject to approval by the Program Manager.
2. Fixtures and guidance signs shall be altered as shown for phased construction and as required by Airport Operations. No separate payment shall be made.
3. Contractor shall field verify/locate existing conduit, duct, and circuit configuration. Information shown is based on data available at time of design and may not reflect actual existing conditions. Contractor shall locate and protect all existing circuits.



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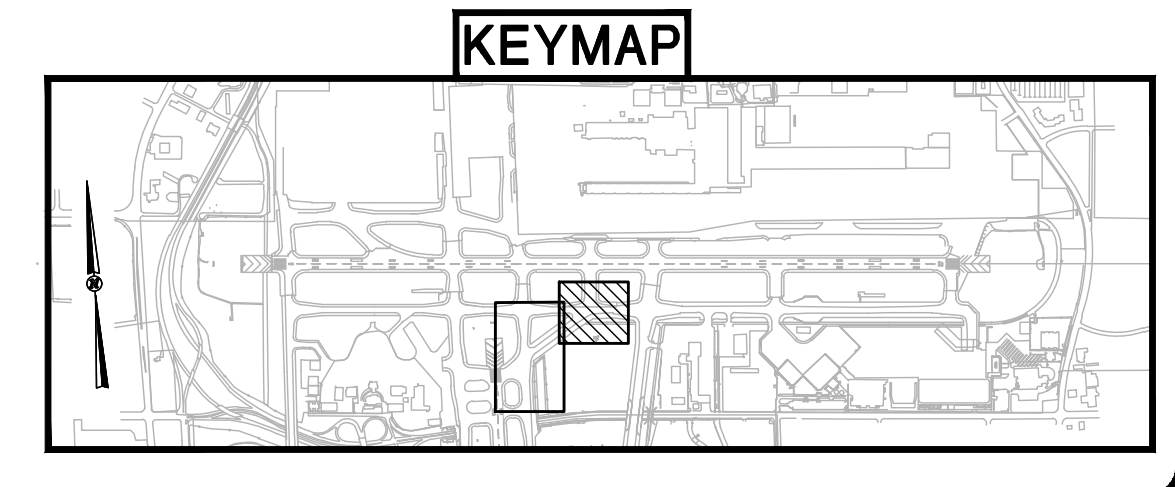


LEGEND

- TEMPORARY CIRCUIT JUMPER
- ▨ LIGHTS IN HATCHED AREA SHALL BE OBSCURED OR DISCONNECTED
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General Notes:

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PROJECT:
TAXIWAY BRAVO RECONFIGURATION (HOT SPOT 1)

SHEET TITLE:
TEMPORARY CIRCUIT ROUTING PHASE 3

MSCAA NO. 18-1413-04
DWG. FILE NAME: E-DP-05.DWG
DATE: 05/08/26
SCALE: 1"=60'
DWG. NO.: E-DP-05
SHEET NO.: NONE

Drawing name: \\ahmem04\72198-B\18-1413-02\DRAWINGS\E-DP-05.dwg 22x34 Jun 08, 2026 5:46pm by: landerson

Drawing name: \\ohmem04\72198-B\18-1413-02\DRAWINGS\E-DT-10.dwg 22x34 Jun 08, 2026 5:55pm by: Ianderson

| ITEM NO. | MSCAA ID NUMBER | REF. PLAN SHEET NO. | NEW LOCATION | SIGN LEGEND (EXISTING MESSAGE) | | SIGN LEGEND (NEW OR MODIFIED MESSAGE) | | CIRCUIT | MOD. | NOTES |
|----------|-----------------|---------------------|-----------------------------|--------------------------------|-----------|---------------------------------------|-------------|---------|------|---|
| | | | | side 1 | side 2 | side 1 | side 2 | | | |
| 1 | GH05-01 | E-DP-02 E-LT-02 | N 287515.96 E 779838.97 | ←B A B→ | | ←B A | [no change] | TAS1 | 3 | REFERENCE NOTES 2, 3, & 4. |
| 2 | GH05-02 | E-DP-02 E-LT-01 | N 287278.25 E 779290.59 | ←A B B A→ | | B ←A→ | [no change] | TSBE | 4 | REFERENCE NOTES 1, 3, & 4. |
| 3 | GH05-03 | E-DP-01 E-LT-01 | N 287332.47 E 779540.67 | | | ←B A | [no change] | TAS1 | 3 | REFERENCE NOTES 1, 3, & 4. |
| 4 | GH05-03(B) | E-DP-01 | N/A | 18L APCH | | N/A | N/A | [18CS1] | [3] | REFERENCE NOTE 1. REUSE EXISTING SIGN WITH FOUNDATION TO REPLACE GH05-14(A). |
| 5 | GH05-08 | E-DP-01 E-LT-01 | N 286801.61 E 779205.64 | ↖B S B↗ | S | S ←B→ | [no change] | TSBE | 3 | REFERENCE NOTES 1, 3, & 4. |
| 6 | GH05-09 | E-DP-01 E-LT-01 | N 286547.34 E 779260.10 | ↖S B S↗ | B | B ←S→ | [no change] | TSBE | 3 | REFERENCE NOTES 1, 3, & 4. |
| 7 | GH05-14(A) | E-DP-01 E-LT-01 | CO-LOCATED AT GH05-14(B) | ↖S | | ←S→ | | TSBE | 3 | REFERENCE NOTES 3, 4, & 5. REUSE EXISTING SIGN AND FOUNDATION OF GH05-03(B) TO INSTALL SIGN WITH NEW MESSAGE. RETURN EXISTING 1-MODULE SIGN WITH FOUNDATION TO OWNER. |
| 8 | GH05-14(B) | E-DP-01 E-LT-01 | N 286757.03 E 778986.45 | B | 36C-18C B | | [no change] | 18CS1 | 4 | REFERENCE NOTES 2 & 3. |
| 9 | GH05-15(A) | E-DP-01 | N/A | | S↘ | N/A | N/A | [TSBE] | [1] | REMOVE EXISTING SIGN WITH FOUNDATION AND RETURN TO OWNER. |
| 10 | GH05-15(B) | E-DP-01 E-LT-01 | N 286490.57 E 778980.55 | B 36C-18C | | | [no change] | 18CS1 | 4 | REFERENCE NOTES 2 & 3. |
| 11 | GH06-01 | E-DP-01 E-LT-01 | N 286304.06 E 779171.86 | S S7→ | | | [no change] | TSBE | 3 | REFERENCE NOTES 1 & 3. |
| 12 | GH06-02 | E-DP-01 E-LT-01 | EXISTING | ↖B S B↗ | | S ←B→ | [no change] | TSBE | 3 | REFERENCE NOTE 4. |
| 13 | U05-10 | E-DP-02 E-LT-02 | EXISTING | ←A B B A→ | | B ←A→ | [no change] | TAS1 | 4 | REFERENCE NOTE 4. |
| 14 | U05-11 | E-DP-02 E-LT-02 | N 287305.94 E 780148.17 | ↖B A B↗ | | A B→ | [no change] | TAS1 | 3 | REFERENCE NOTES 1, 3, & 4. |
| 15 | GH05-35 | E-LT-01 | N 287569.36 E 779254.48 | N/A | N/A | A B→ | | TAS1 | 2 | FURNISH & INSTALL NEW 2-MOD SIGN WITH BASE CAN AND FOUNDATION. REFERENCE SIGN INSTALLATION DETAIL DWG. E-DT-13. |
| 16 | GH05-36 | E-LT-01 | N 286748.22 E 779236.98 | N/A | N/A | ←B B | | TSBE | 2 | FURNISH & INSTALL NEW 2-MOD SIGN WITH BASE CAN AND FOUNDATION. REFERENCE SIGN INSTALLATION DETAIL DWG. E-DT-13. |
| 17 | GH05-37 | E-LT-01 | N 286796.96 E 779449.42 | N/A | N/A | ←B B | | TSBE | 2 | FURNISH & INSTALL NEW 2-MOD SIGN WITH BASE CAN AND FOUNDATION. REFERENCE SIGN INSTALLATION DETAIL DWG. E-DT-13. |

1 SIGNAGE SCHEDULE
E-DT-10 N.T.S.

| LEGEND COLOR BY SIGN TYPE |
|--|
| L-858Y DIRECTION SIGN: BLACK CHARACTERS ON YELLOW BACKGROUND |
| L-858R MANDATORY SIGN: WHITE CHARACTERS ON RED BACKGROUND |
| L-858L LOCATION SIGN: YELLOW CHARACTERS ON BLACK BACKGROUND |

REFERENCE NOTES:

- EXISTING LED SIGN AND MODULAR SIGN FOUNDATION, AT LOCATION IDENTIFIED ON THE DEMOLITION PLAN, SHALL BE REMOVED AND STORED BY THE CONTRACTOR. CONTRACTOR SHALL REINSTALL SIGN WITH MODULAR FOUNDATION UPON COMPLETION OF THE GRADING WORK IN NEW LOCATION AND ELEVATION. (PAY ITEMS L-125-5.30 & L-125-5.31)
- RELOCATE EXISTING LED SIGN AND MODULAR SIGN FOUNDATION, AT LOCATION IDENTIFIED ON THE DEMOLITION PLAN, TO NEW LOCATION SHOWN ON LIGHTING PLAN. (PAY ITEMS L-125-5.28 & L-125-5.29)
- REFERENCE SHEET E-DT-11 FOR SIGNAGE INSTALLATION DETAILS. PLACE SIGN AT ORIENTATION SHOWN ON LIGHTING PLAN. INSTALL CONDUIT, CABLE, & COUNTERPOISE TO RECONNECT AT NEW LOCATION.
- REPLACE EXISTING MESSAGE PANEL(S) WITH NEW MESSAGE PANEL(S) AS SHOWN. EXISTING SIGNS ARE LUMACURVE. (PAY ITEM L-125-5.27)
- REPLACE EXISTING SIGN ID NAMEPLATE TO CORRECT SIGN ID AT NEW LOCATION.



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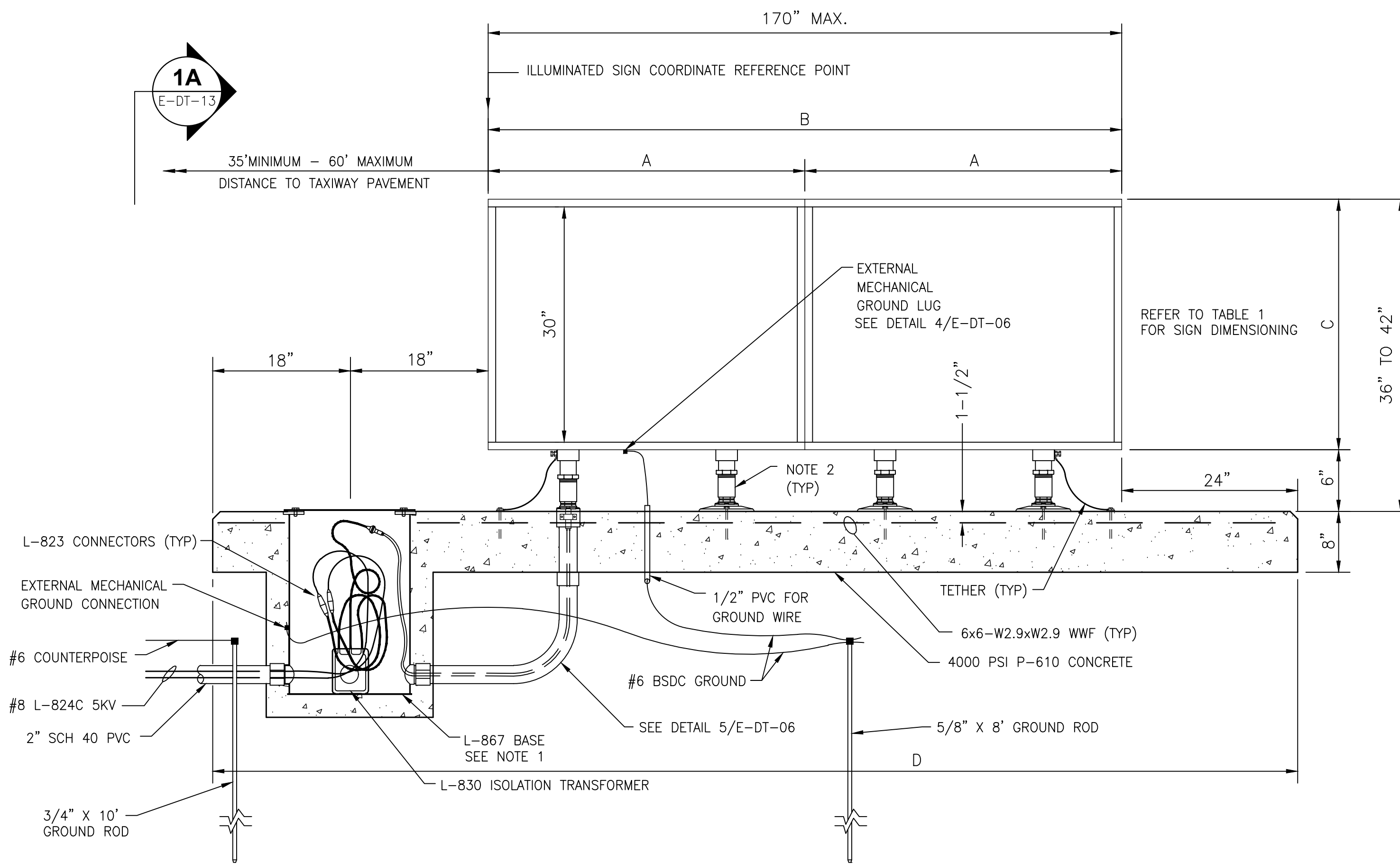
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| NO. | ADDENDUM #2 | DESCRIPTION | DATE | BY |
|-----|-------------|-------------|---------|----|
| 1 | ADDENDUM #2 | | 6/11/26 | LA |

REVISIONS
PROJECT:
TAXIWAY BRAVO RECONFIGURATION (HOT SPOT 1)

SHEET TITLE:
GUIDANCE SIGN SCHEDULE

MSCAA NO. **18-1413-04**
DWG. FILE NAME **E-DT-10.DWG**
DATE **05/08/26** DWG NO. **E-DT-10**
SCALE **N.T.S.** SHEET NO.
FACILITY NO. **NONE**



1 TYPICAL AIRFIELD SIGN INSTALLATION DETAIL
E-DT-13 N.T.S.

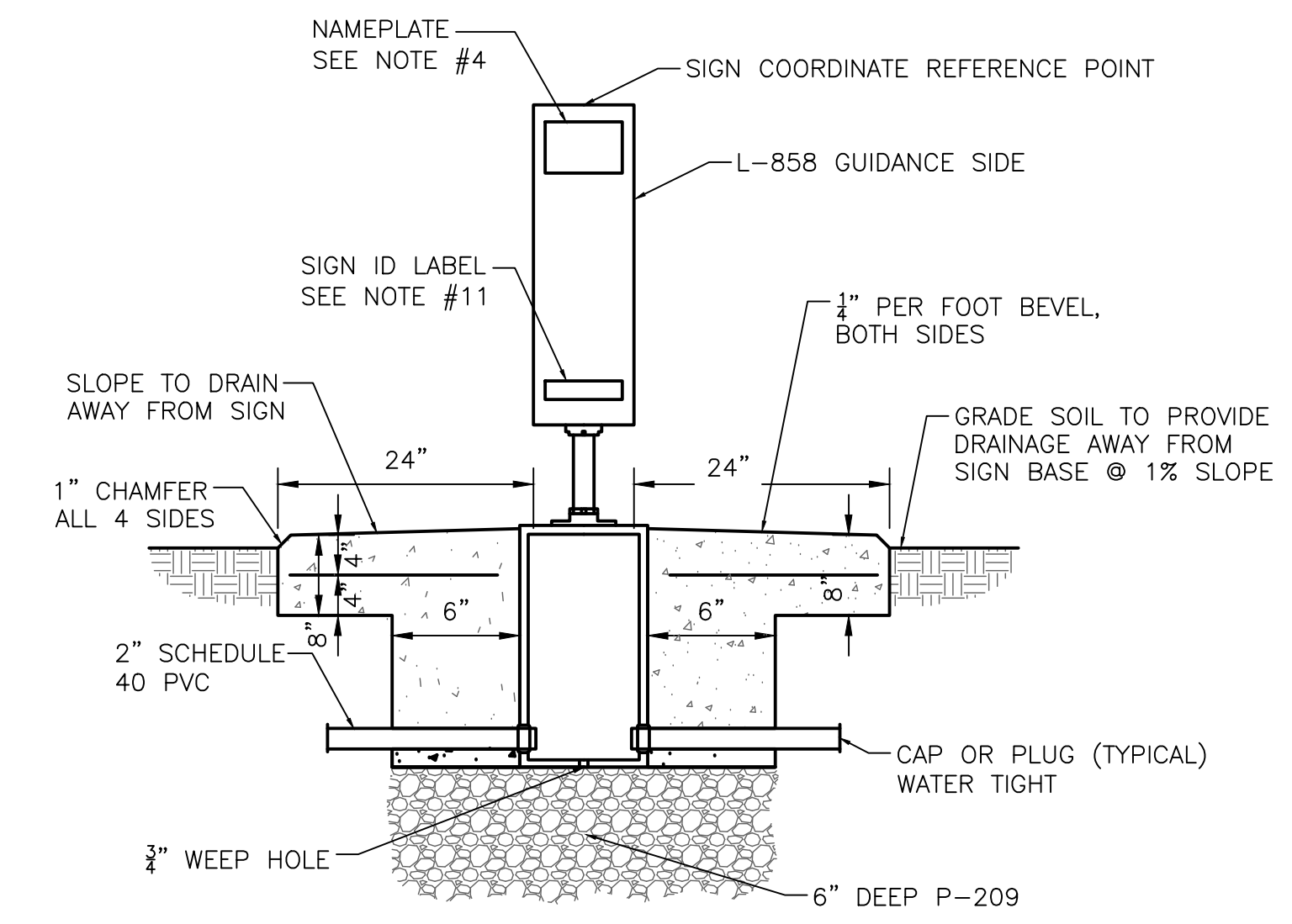
NOTES:

- L-867 BASE, 16" DIA, 24" DEEP WITH FOUR 2" THREADED HUBS, 3/8" COVER PLATE, INCLUDING NEOPRENE GASKET AND STAINLESS STEEL HARDWARE. STUB OUT AND CAP UNUSED CONDUITS. SEE LAYOUT PLAN SHEETS FOR ORIENTATION OF CONDUIT(S) USED.
- FRANGIBLE COUPLING, EMT NIPPLE, FLOOR FLANGE, AND STAINLESS STEEL ANCHOR BOLTS SHALL BE PROVIDED AS REQUIRED.
- INSTALL TWO GROUND RODS AT EACH SIGN ARRAY. ONE 3/4" X 10' FOR COUNTERPOISE AND ONE 5/8" X 8' FOR GROUNDING.
- SIGN IDENTIFICATION NAMEPLATE SHALL BE AFFIXED ON BOTH ENDS OF EACH SIGN ARRAY. NAMEPLATE SHALL SHOW: TYPE, SIZE, STYLE, CLASS, MANUFACTURERS, NAME AND ADDRESS, DATE OF MANUFACTURE, CATALOG NUMBER, LAMP DATA, TOTAL MAXIMUM VA LOAD AND POWER FACTOR; AS A MINIMUM. NAMEPLATE SHALL CONFORM TO REQUIREMENTS OF AC 150/5345-44.
- L-867 BASE SHALL BE LOCATED AT END NEAREST TO PAVEMENT.
- EXTENDER CABLE SHALL BE LONG ENOUGH TO EXTEND 3' OUT OF THE L-867B CAN.
- SEE DETAIL 2, DWG. E-DT-11. CONTRACTOR SHALL GRADE AROUND SIGNS AS NECESSARY TO PREVENT SILT/DIRT INFILTRATION ONTO SIGN FOUNDATION AND MAINTAIN 1" MIN. GRADE TRANSITION AROUND SIGN FOUNDATION. NO SEPARATE PAYMENT SHALL BE MADE.
- PROVIDE 2" DIA. SIGN IDENTIFICATION MARKER BRONZE.
- FURNISH SIGNS WITH ONE TETHER PER MODULE. TETHERS SHALL BE 3/16" STAINLESS STEEL AIRCRAFT CABLE WITH A FORMED EYE ON BOTH ENDS. THE TETHER EYE SHALL BE ATTACHED TO THE SIGN IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS AND TO THE CONCRETE BASE BETWEEN TWO STAINLESS STEEL WASHERS, WITH A 1/2" - 13 X 6" MINIMUM STAINLESS STEEL ANCHOR BOLT. THE TETHER SHALL BE OF SUFFICIENT LENGTH TO HAVE A MINIMUM OF 6" OF SLACK WHEN ATTACHED BETWEEN THE SIGN AND THE SIGN FOUNDATION. THE TETHERS AND BONDING CONDUCTORS SHALL BE OF SUFFICIENT LENGTH TO ALLOW THE FRANGIBLE COUPLINGS TO OPERATE WITHOUT RESTRICTIONS AND TO ALLOW THE POWER CABLE TO DISCONNECT IF THE SIGN FALLS OVER. THE SIGN ANCHOR BOLTS SHALL NOT BE USED FOR THE TETHER ANCHOR IN ADDITION TO INSTALLING ONE TETHER PER MODULE A SIGN ARRAY SHALL BE EQUIPPED WITH A TETHER ON EACH END. ONE MODULE SIGNS SHALL BE EQUIPPED WITH TWO TETHERS.
- PROVIDE SIGN WITH EXTERNAL POWER DISCONNECT (ON/OFF) SWITCH TO ISOLATE THE SIGN FROM THE CIRCUIT FOR MAINTENANCE.
- SIGN ID LABEL SHALL BE AFFIXED ON BOTH ENDS OF EACH SIGN ARRAY. LABEL SHALL SHOW MSCAA SIGN ID #. COORDINATE WITH MSCAA TO CONFIRM ID NUMBER AT EACH SIGN.

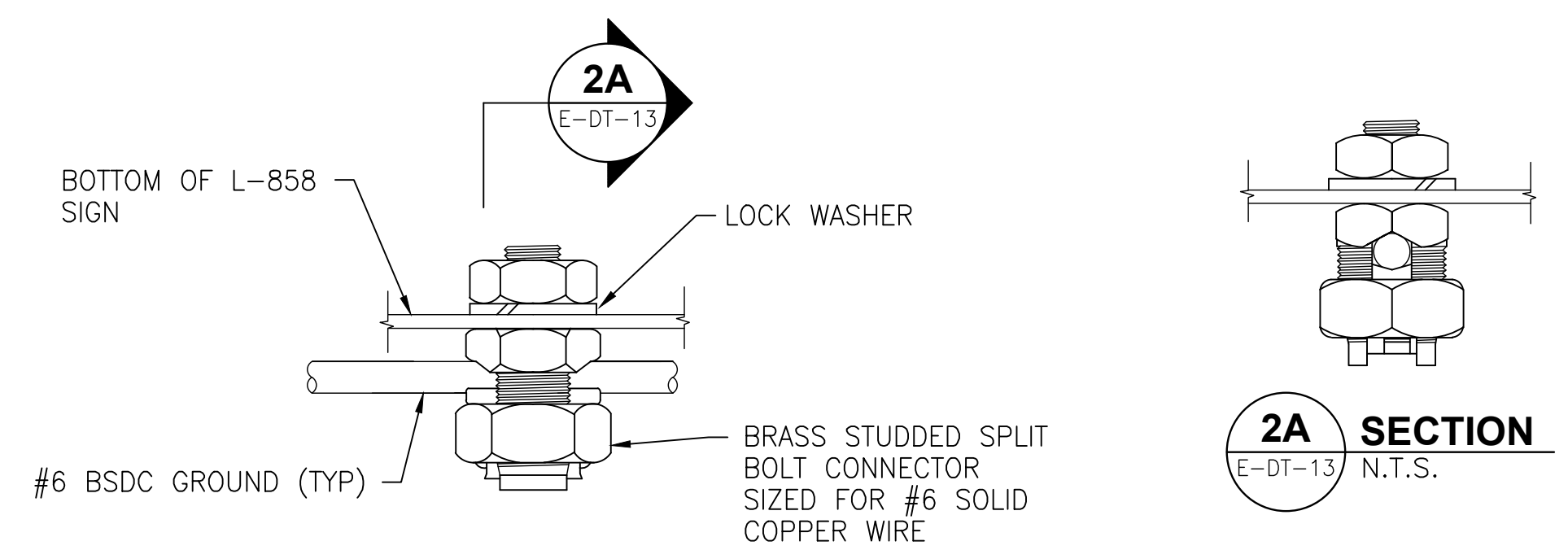
| L-858 Y, R, AND L (GUIDANCE SIGNS) SIZE 3, STYLE 5, CLASS 1 | | | | |
|--|---------------------|-------|------|-------|
| SIGN MODULE | DIMENSIONS (INCHES) | | | |
| | A | B | C | D |
| 1 | 42.0 | 42.0 | 31.3 | 102.0 |
| 2 | 41.8 | 83.6 | 31.3 | 143.6 |
| 3 | 41.8 | 125.4 | 31.3 | 185.4 |
| 4 | 41.8 | 167.2 | 31.3 | 227.2 |

NOTE: DIMENSIONS SHOWN ARE BASED ON STANDARD SIGNS. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS BASED ON SIGNS SUBMITTED.

**TABLE 1
STANDARD L-858 SIGN DIMENSIONS**

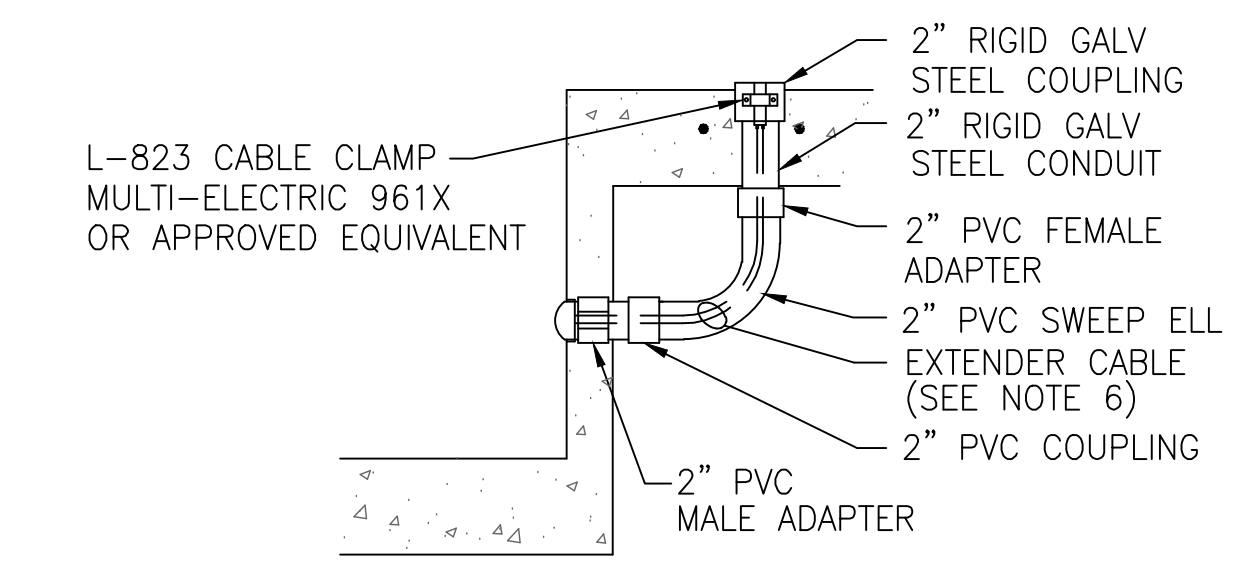


1A SIGN BASE SECTION A-A
E-DT-13 N.T.S.



NOTE: FACTORY WELDED #6 MINIMUM GROUND PIGTAIL MAY BE UTILIZED WITH SPLIT BOLT CONNECTOR SPLICE IN LIEU OF DETAIL SHOWN.

2 GROUND LUG DETAIL
E-DT-13 N.T.S.



3 POWER LEG DETAIL
E-DT-13 N.T.S.

Drawing name: \\chmem04\72198-B\18-1413-02\DRAWINGS\E-DT-13.dwg 22x34 Jun 08, 2026 5:58pm by: landerson



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| REVISIONS | | | |

PROJECT:
TAXIWAY BRAVO RECONFIGURATION (HOT SPOT 1)

SHEET TITLE:
NEW SIGNAGE INSTALLATION DETAILS

MSCAA NO. **18-1413-04**
DWG. FILE NAME **E-DT-13.DWG**
DATE **05/08/26** DWG NO.
SCALE **N.T.S.** SHEET NO. **E-DT-13**
FACILITY NO. **NONE**

GENERAL NOTES

- EXERCISE EXTREME CAUTION WORKING IN AND AROUND THE RUNWAY AND TAXIWAY ENVIRONMENT. ALL CIRCUITS NOT MARKED FOR REMOVAL OR ABANDONMENT SHALL BE PROTECTED BY THE CONTRACTOR DURING CONSTRUCTION. IMMEDIATELY REPORT ANY DISRUPTION OR DAMAGE TO EQUIPMENT, NOT SCHEDULED FOR REMOVAL OR ABANDONMENT, TO THE PROGRAM MANAGER.
- THE EXISTING AND PROPOSED LOCATIONS OF LIGHTING CABLES ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD LOCATING AND IDENTIFYING THE EXISTING LIGHTING CIRCUITS TO DETERMINE THEIR EXACT ROUTING. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR MAINTAINING THE LIGHTING SYSTEMS IN A WORKING CONDITION UNTIL THE NEW LIGHTING CIRCUITS HAVE BEEN INSTALLED AND TESTED. THE CONTRACTOR SHALL PROACTIVELY AND EXPEDITIOUSLY ACCOMPLISH THIS CABLE IDENTIFICATION WORK PRIOR TO PERFORMING ANY MODIFICATIONS TO THE LIGHTING CIRCUITS. COORDINATE IDENTIFICATION WORK WITH THE OWNER AND PROGRAM MANAGER AND MAKE ALL CORRECTIONS, ADDITIONS, ETC. ON THE AS-BUILT DRAWINGS.
- THE CONTRACTOR SHALL PERFORM MEGGER TESTS ON EACH REGULATOR CIRCUIT PRIOR TO ANY WORK ON THE ELECTRICAL SYSTEM AND AFTER THE ACCEPTANCE TEST PERIOD. DOCUMENTED MEGGER RESULTS SHALL BE PROVIDED TO THE PROGRAM MANAGER.
- THE CONTRACTOR SHALL CHECK THE LOAD ON EACH REGULATOR PRIOR TO ANY WORK ON THE ELECTRICAL SYSTEM AND AFTER THE ACCEPTANCE TEST PERIOD. DOCUMENTED LOAD RESULTS SHALL BE PROVIDED TO THE PROGRAM MANAGER.
- CONDUITS AND DUCTS UNDER PAVED AREAS SHALL BE CONCRETE ENCASED.
- CONDUITS AND DUCTS UNDER NON-PAVED AREAS SHALL BE NON-ENCASED UNLESS OTHERWISE NOTED.
- DURING CONSTRUCTION, PROTECT EXISTING EQUIPMENT, DUCTS, CONDUITS AND CABLES THAT ARE TO REMAIN IN PLACE. REPAIR OR REPLACE ANY ITEM DAMAGED BY THE CONTRACTOR TO THE SATISFACTION OF THE ITEM'S OWNER AT NO ADDITIONAL COST TO THE PROJECT.
- SEE SHEET E-DT-08 AND E-DT-09 FOR LIGHTING COORDINATES, FIXTURE TYPE, COLOR, LIGHT BASE TYPE, ETC.
- REFER TO SPEC SECTION L-108 UNDERGROUND POWER CABLE FOR WIRING CONDUCTOR SIZES AND CABLE TYPES FOR AIRFIELD RUNWAY AND TAXIWAY LIGHTS AND SIGNS.
- ALL EXISTING UNUSED LIGHTS AND SIGNS SHALL BE DELIVERED TO MSCAA MAINTENANCE FACILITY.

AIRFIELD LIGHT FIXTURE SCHEDULE

| SYMBOL | FIXTURE TYPE | STYLE | FIXTURE USE | DESCRIPTION | COLOR | LAMP(S) | ISOLATION TRANSFORMER WATTS | REFERENCE PAY ITEM |
|--------|--------------|-------|--|-------------|------------------|---------|-----------------------------|--------------------|
| ● | L-861T | | T/W EDGE LIGHT, OMNIDIRECTIONAL | ELEVATED | BLUE | LED | 10/15 | L-125-5.11 |
| ⊙ | L-852C | 3 | T/W ◒ BIDIRECTIONAL STRAIGHT (NARROW) | SEMIFLUSH | GREEN/GREEN | LED | 25 | L-125-5.3 |
| ⊙⊙⊙ | L-852D | 3 | T/W ◒ OR R/W LEAD-ON/OFF BIDIRECTIONAL CURVED (WIDE) | SEMIFLUSH | G/G, Y/Y, OR Y/G | LED | 45 | L-125-5.5 & 5.6 |
| ⊙ | L-852GS | 3 | COMBINATION R/W GUARD/STOP BAR (WIDE) | SEMIFLUSH | YELLOW & RED | LED | 65 | L-125-5.8 |
| ⌒ | L-862S | | STOP BAR LIGHT, UNIDIRECTIONAL | ELEVATED | RED | LED | 45 | L-125-5.9 |
| ■ | L-804 | | RUNWAY GUARD LIGHT, UNIDIRECTIONAL, ALTERNATELY FLASHING | ELEVATED | YELLOW | LED | 45 | L-125-5.10 |
| ⊙⊙⊙ | L-852C | 3 | T/W ◒ CLEARANCE BAR, UNIDIRECTIONAL | SEMIFLUSH | YELLOW | LED | 10/15 | L-125-5.4 |
| ⊗ | L-852F | 3 | T/W ◒ INTERSECTION LIGHT, OMNIDIRECTIONAL | SEMIFLUSH | YELLOW | LED | | L-125-5.7 |

LIGHT FIXTURE NOTES:

- AIRFIELD LIGHTING SHALL BE IN ACCORDANCE WITH AC 150/5340-30. LIGHT FIXTURES SHALL CONFORM TO AC 150/5345-46. LIGHT BASES SHALL CONFORM TO AC 150/5345-42.
- ELEVATED RUNWAY GUARD LIGHT VERTICAL AIMING ANGLE IS SET BETWEEN 5 DEGREES AND 10 DEGREES ABOVE THE HORIZONTAL. AIM THE CENTER OF THE LIGHT BEAM TOWARD THE AIRCRAFT COCKPIT WHEN THE AIRCRAFT IS BETWEEN 150' TO 200' FROM THE HOLDING POSITION.
- ELEVATED STOP BAR LIGHT VERTICAL AIMING ANGLE IS SET BETWEEN 5 DEGREES AND 10 DEGREES ABOVE THE HORIZONTAL. AIM THE AXIS OF THE LIGHT BEAM TO INTERSECT THE TAXIWAY CENTERLINE BETWEEN 120' TO 170' FROM THE HOLDING POSITION.
- IN-PAVEMENT STOP BAR LIGHT IS INSTALLED SO THAT THE AXIS OF THE LIGHT BEAM FACES THE TAXIWAY AND IS PERPENDICULAR TO THE STOP BAR MARKING WITH A TOLERANCE OF ±1 DEGREE.
- CLEARANCE BAR LIGHT IS ORIENTED WITH THE AXIS OF THE LIGHT BEAM PARALLEL TO THE CENTERLINE OF THE TAXIWAY PATH WITH A TOLERANCE OF ±1 DEGREE.
- BIDIRECTIONAL CENTERLINE LIGHTS ON A CURVE ARE ORIENTED WITH THE AXIS OF THE TWO BEAMS PARALLEL TO THE TANGENT OF THE NEAREST POINT OF THE CURVE OF THE TAXIING PATH, WITHIN A HORIZONTAL TOLERANCE OF ±1 DEGREE.
- BIDIRECTIONAL CENTERLINE LIGHTS ON STRAIGHT PORTIONS ARE ORIENTED WITH THE AXIS OF THE LIGHT BEAM PARALLEL TO THE CENTERLINE OF THE TAXIING PATH, WITHIN A HORIZONTAL TOLERANCE OF ±1 DEGREE.



LEGEND

- ☼ EXISTING AIRFIELD LIGHT
- ⊙ T/W ◒ LIGHT, BIDIRECTIONAL GREEN, NARROW BEAM
- ⊙ T/W ◒ LIGHT, BIDIRECTIONAL YELLOW/GREEN, NARROW BEAM
- ⊙ T/W ◒ LIGHT, BIDIRECTIONAL GREEN, WIDE BEAM
- ⊙ T/W ◒ LIGHT, BIDIRECTIONAL YELLOW, WIDE BEAM
- ◆ LIGHT BASE BLOCK OUT
- T/W EDGE LIGHT (ELEVATED)
- ⊙⊙⊙ T/W CLEARANCE BAR
- ⊗ T/W ◒ OMNIDIRECTIONAL LIGHT
- ⊙ COMBINATION R/W GUARD/STOP BAR LIGHT
- ⌒ STOP BAR LIGHT (ELEVATED)
- RUNWAY GUARD LIGHT (ELEVATED)
- ⊙ L868B BASE WITH BLANK LID
- ⊙ L867B BASE WITH BLANK LID
- ▭ PROPOSED AIRFIELD SIGN
- ⓪ PROPOSED JUNCTION CAN
- ⊠ AIRCRAFT-RATED PULLBOX
- ⓪ EXISTING JUNCTION CAN
- ⓪ EXISTING JUNCTION CAN PLAZA (3 CANS)
- ▭ EXISTING JUNCTION CAN PLAZA (MULTI CAN DIAGONAL)
- ⓪ EXISTING MANHOLE/PULLBOX
- USE — EXISTING CONDUIT/DUCTBANK
- 2" SCH 40 PVC CONDUIT
- 4W-4" DUCT BANK UNLESS OTHERWISE NOTED
- // — 2" SCH 40 PVC CONDUIT WITH 5KV L-824 TYPE C CABLE CONDUCTORS (CROSSBARS INDICATE NUMBER OF CONDUCTORS)
- ⊘ GROUND ROD
- > — 2" SCH 40 PVC DRAIN
- PROPOSED UNDERDRAIN
- > — EXISTING UNDERDRAIN



Drawing name: \\ohmem04\72198-B\18-1413-02\DRAWINGS\E-LT-00.dwg 22x34 Jun 10, 2026 4:48pm by: lonserson



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| 1 | ADDENDUM #2 | 6/11/26 | LA |

REVISIONS

PROJECT:

TAXIWAY BRAVO RECONFIGURATION (HOT SPOT 1)

SHEET TITLE:

LIGHTING PLAN LEGEND AND NOTES

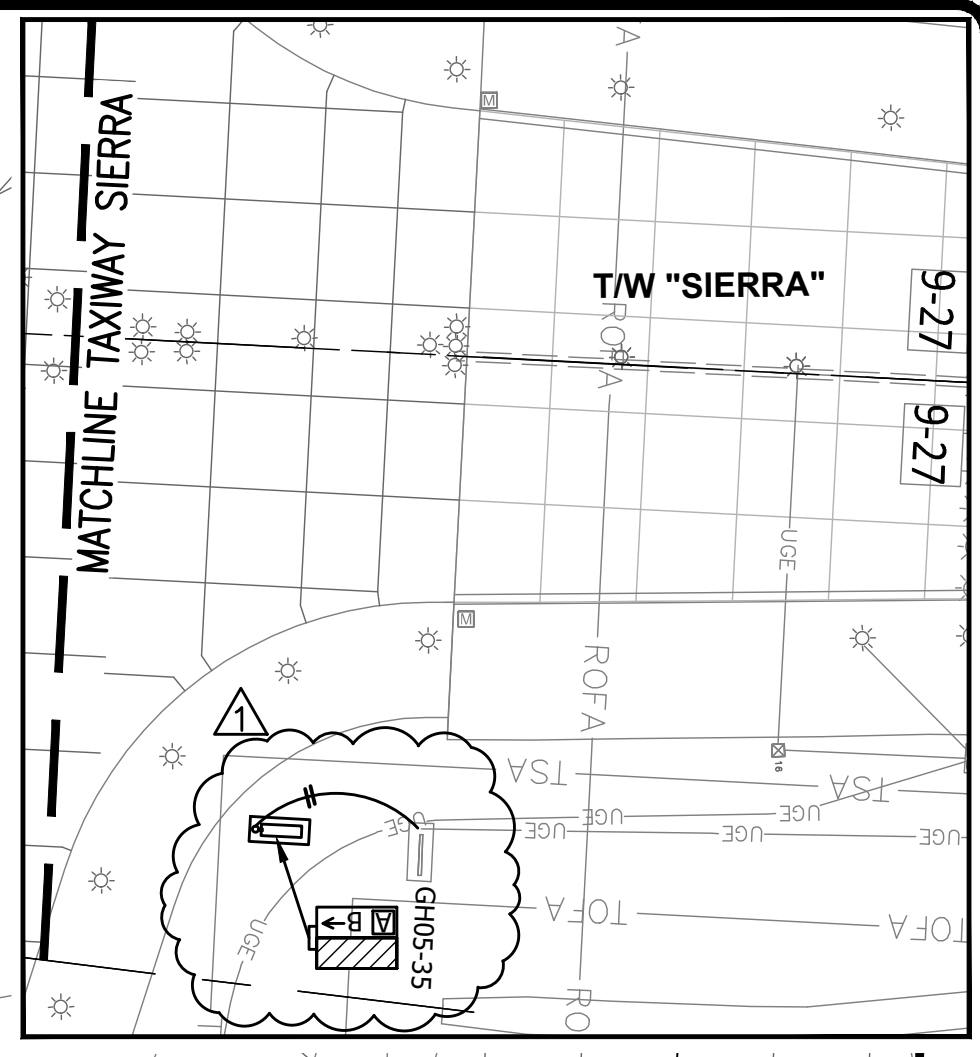
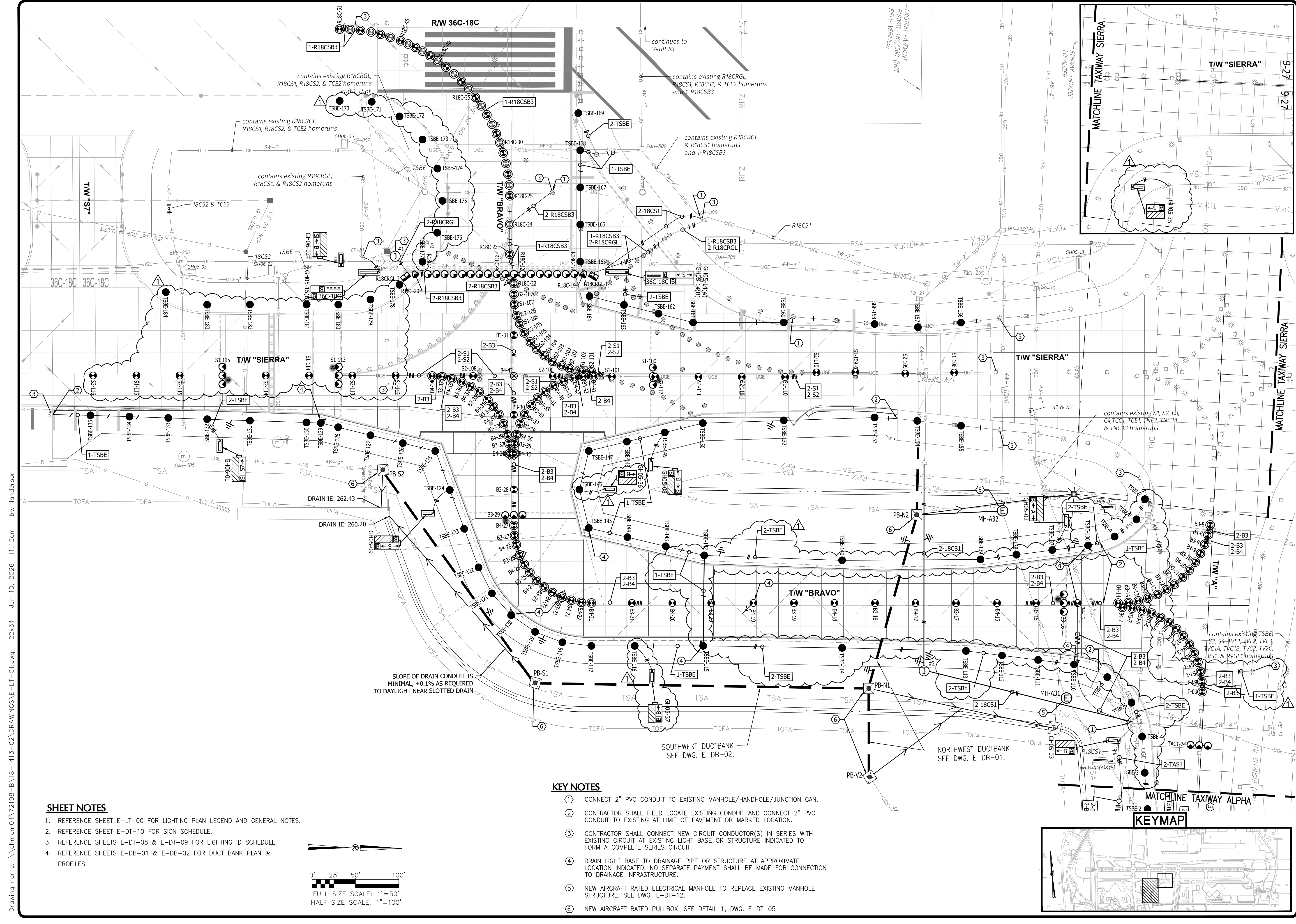
MSCAA NO. **18-1413-04**

DWG. FILE NAME **E-LT-00.DWG**

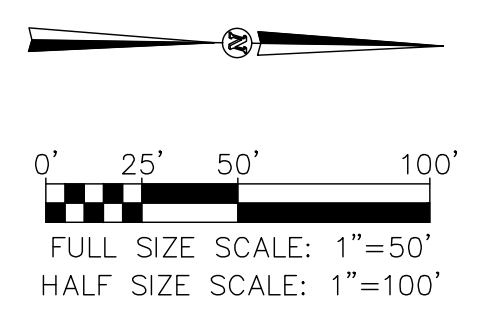
DATE **05/08/26** DWG NO. **E-LT-00**

SCALE SHEET NO.

FACILITY NO. **NONE**



- SHEET NOTES**
1. REFERENCE SHEET E-LT-00 FOR LIGHTING PLAN LEGEND AND GENERAL NOTES.
 2. REFERENCE SHEET E-DT-10 FOR SIGN SCHEDULE.
 3. REFERENCE SHEETS E-DT-08 & E-DT-09 FOR LIGHTING ID SCHEDULE.
 4. REFERENCE SHEETS E-DB-01 & E-DB-02 FOR DUCT BANK PLAN & PROFILES.



- KEY NOTES**
1. CONNECT 2" PVC CONDUIT TO EXISTING MANHOLE/HANDHOLE/JUNCTION CAN.
 2. CONTRACTOR SHALL FIELD LOCATE EXISTING CONDUIT AND CONNECT 2" PVC CONDUIT TO EXISTING AT LIMIT OF PAVEMENT OR MARKED LOCATION.
 3. CONTRACTOR SHALL CONNECT NEW CIRCUIT CONDUCTOR(S) IN SERIES WITH EXISTING CIRCUIT AT EXISTING LIGHT BASE OR STRUCTURE INDICATED TO FORM A COMPLETE SERIES CIRCUIT.
 4. DRAIN LIGHT BASE TO DRAINAGE PIPE OR STRUCTURE AT APPROXIMATE LOCATION INDICATED. NO SEPARATE PAYMENT SHALL BE MADE FOR CONNECTION TO DRAINAGE INFRASTRUCTURE.
 5. NEW AIRCRAFT RATED ELECTRICAL MANHOLE TO REPLACE EXISTING MANHOLE STRUCTURE. SEE DWG. E-DT-12.
 6. NEW AIRCRAFT RATED PULLBOX. SEE DETAIL 1, DWG. E-DT-05

Drawing name: \\ahmem04\72198-B\18-1413-02\DRAWINGS\E-LT-01.dwg 22x34 Jun 10, 2026 11:13am by: landerson



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PROJECT:
TAXIWAY BRAVO RECONFIGURATION (HOT SPOT 1)

SHEET TITLE:
LIGHTING PLAN TAXIWAY BRAVO

MSCAA NO. **18-1413-04**
DWG. FILE NAME **E-LT-01.DWG**
DATE **05/08/26** DWG NO.
SCALE **1"=50'** SHEET NO. **E-LT-01**
FACILITY NO. **NONE**