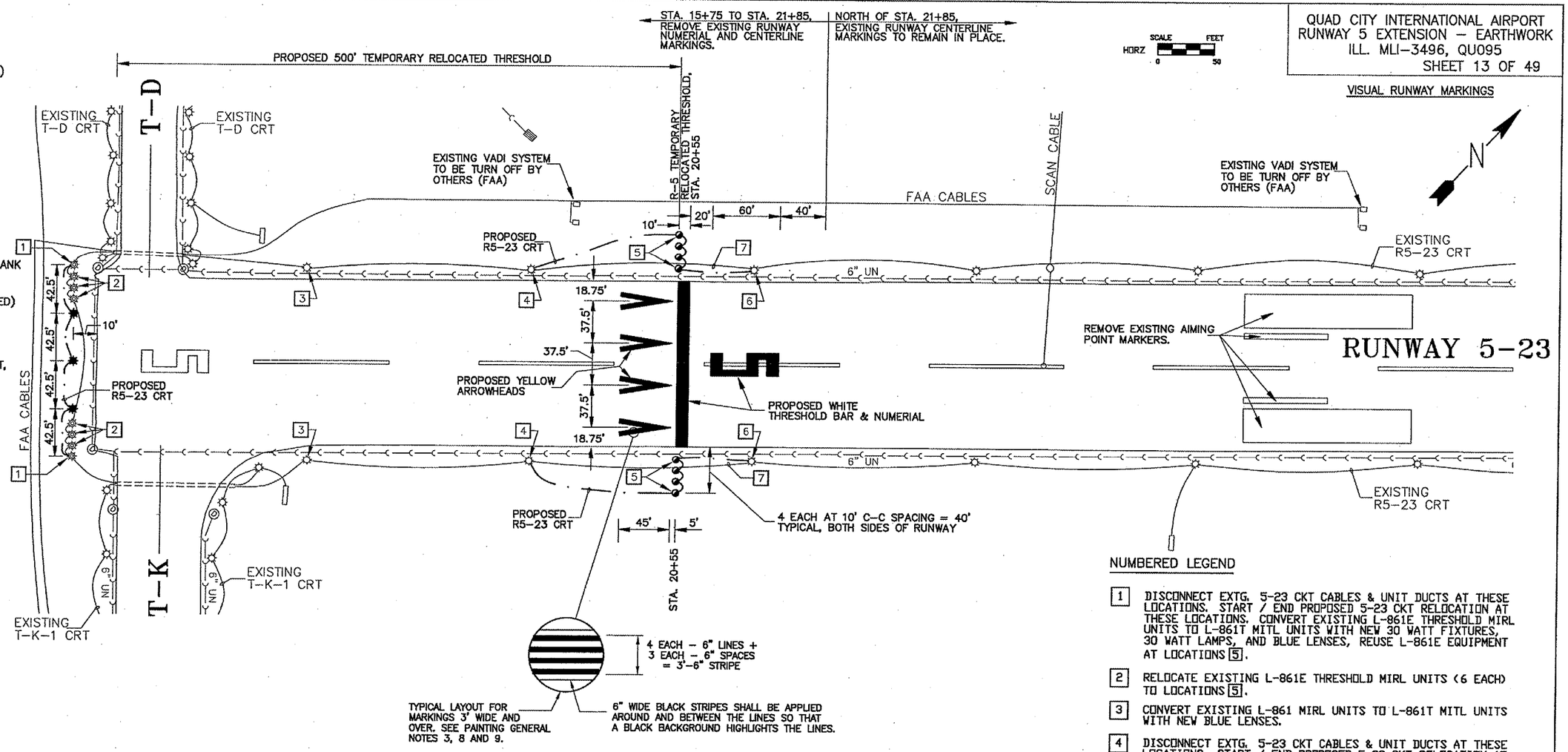
QUAD CITY INTERNATIONAL AIRPORT
RUNWAY 5 EXTENSION – EARTHWORK
ILL. MLI-3496, QU095
SHEET 13 OF 49

VISUAL RUNWAY MARKINGS

LEGEND:

- EXISTING EDGE LIGHT (L-861T MITL OR L-861 MIRL)
- EXISTING EDGE LIGHT (L-861E THRESHOLD MIRL)
- EXISTING GUIDANCE SIGN
- EXISTING ELECTRICAL CABLE
- EXISTING STORM SEWER, TILE, OR UNDERDRAIN
- EXISTING INLET
- EXISTING OUTLET
- EXISTING STORM MANHOLE
- EXISTING SANITARY MANHOLE
- EXISTING DRAINAGE DITCH
- EXISTING CONDUIT OR DUCT BANK
- PROPOSED LOCATION FOR RELOCATED OR NEW L-861E THRESHOLD MIRL (GREEN / RED)
- PROPOSED LOCATION FOR RELOCATED OR NEW L-861T MITL (BLUE)
- PROPOSED ELECTRICAL CIRCUIT, 1/C, #8, EPR CABLE IN 1" HDPE UNIT DUCT

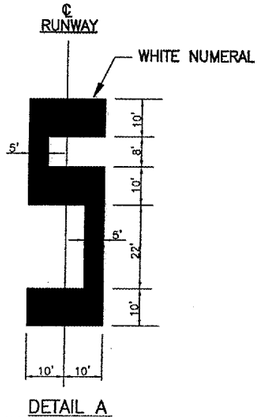


NUMBERED LEGEND

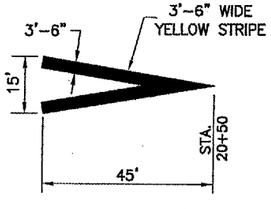
1. DISCONNECT EXTG. 5-23 CKT CABLES & UNIT DUCTS AT THESE LOCATIONS. START / END PROPOSED 5-23 CKT RELOCATION AT THESE LOCATIONS. CONVERT EXISTING L-861E THRESHOLD MIRL UNITS TO L-861T MITL UNITS WITH NEW 30 WATT FIXTURES, 30 WATT LAMPS, AND BLUE LENSES, REUSE L-861E EQUIPMENT AT LOCATIONS 5.
2. RELOCATE EXISTING L-861E THRESHOLD MIRL UNITS (6 EACH) TO LOCATIONS 5.
3. CONVERT EXISTING L-861 MIRL UNITS TO L-861T MITL UNITS WITH NEW BLUE LENSES.
4. DISCONNECT EXTG. 5-23 CKT CABLES & UNIT DUCTS AT THESE LOCATIONS. START / END PROPOSED 5-23 CKT RELOCATION AT THESE LOCATIONS. CONVERT EXISTING L-861 MIRL UNITS TO L-861T MITL UNITS WITH NEW BLUE LENSES.
5. PROPOSED LOCATIONS FOR RELOCATED THRESHOLD LIGHTS. PROVIDE TWO L-867 BASE CANS, SIZE B, 12" DIA. X 24" HEIGHT TO REPLACE BASE CANS LEFT AT LOCATIONS 1. SOUTHWEST FACE = GREEN FILTER, NORTHEAST FACE = RED FILTER.
6. DISCONNECT EXTG. 5-23 CKT CABLES & UNIT DUCTS AT THESE LOCATIONS. START / END PROPOSED 5-23 CKT RELOCATION AT THESE LOCATIONS.
7. EXISTING CABLES TO BE TEMPORARY DISCONNECTED FROM RUNWAY CIRCUIT. CABLES TO BE RECONNECTED ONCE TEMPORARY RELOCATED THRESHOLD REMOVED.

PAINTING GENERAL NOTES:

1. ALL RUNWAY MARKINGS SHALL BE WHITE UNLESS NOTED OTHERWISE.
2. ALL TAXIWAY MARKINGS SHALL BE YELLOW UNLESS NOTED OTHERWISE.
3. RUNWAY MARKINGS 3' FEET WIDE AND OVER SHALL CONSIST OF A SERIES OF LONGITUDINAL STRIPES 6" WIDE WITH EQUAL WIDTH SPACING BETWEEN THE STRIPES (STRIATED MARKINGS.)
4. ALL MARKINGS SHALL HAVE A REFLECTIVE MEDIA APPLIED IN ACCORDANCE WITH THE SPECIAL PROVISIONS.
5. TAXIWAY EDGE AND CENTERLINE STRIPES SHALL BE SOLID TO MATCH THE EXISTING TAXIWAY MARKINGS. RUNWAY EDGE, CENTERLINE, NUMERAL, TOUCHDOWN ZONE, AIMING POINT, THRESHOLD STRIPES AND THRESHOLD BAR SHALL BE STRIATED TO MATCH THE EXISTING RUNWAY MARKINGS.
6. EXISTING TAXIWAY AND RUNWAY MARKINGS DAMAGED BY CONSTRUCTION OF THE PROJECT SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
7. MARKING LAYOUT BY CONTRACTOR, SEE SPECIAL PROVISIONS.
8. ALL NEW PAVEMENT MARKINGS SHALL BE OUTLINED WITH A SIX INCH (6") WIDE BLACK BORDER. FOR HOLD LINES, THE BLACK BORDER WIDTH SHALL BE INCREASE TO TWELVE INCHES (12").
9. BLACK BACKGROUND STRIPES SHALL BE APPLIED BETWEEN YELLOW / WHITE PAVEMENT STRIPES ON STRIATED MARKINGS.
10. THE MAA RESERVES AND SHALL HAVE THE RIGHT TO DELETE THE PAVEMENT MARKING PAY ITEMS FROM THE CONTRACT WORK. THE SPONSOR MAY OPT TO COMPLETE THIS WORK WITH THEIR OWN WORK FORCE.



DETAIL A
RUNWAY NUMERAL



DETAIL B
ARROWHEAD

GENERAL NOTES:

1. SEE SHEETS 14–15 FOR ELECTRICAL GENERAL NOTES AND DETAILS.
2. IF REQUIRED BY THE FAA, THE CONTRACTOR SHALL COMPLETE THE FOLLOWING ITEMS AT THE PROPOSED / EXISTING RUNWAY EDGE LIGHTS (9 LOCATIONS) BETWEEN STA. 15+25 & STA. 20+00. DISCONNECT L-830 TRANSFORMERS FROM R5-23 CIRCUIT. CONNECT L-823 CONNECTORS ON R5-23 CIRCUIT CABLES TO BY-PASS TRANSFORMERS AND PROVIDE CONTINUITY IN THE RUNWAY CIRCUIT. COVER RUNWAY EDGE LIGHTS WITH BURLAP SACKS AS DIRECTED BY THE RESIDENT ENGINEER. COSTS INCIDENTAL TO LIGHTING UNIT PRICES.
3. ALL EXISTING ELECTRICAL CIRCUITS TO REMAIN ACTIVE AT ALL TIMES. CONTRACTOR TO PROVIDE, INSTALL, AND MAINTAIN TEMPORARY ABOVE GROUND JUMPER CABLES AS REQUIRED TO PROVIDE CIRCUIT CONTINUITY IN ALL CIRCUITS AT ALL TIMES DURING CONSTRUCTION. COSTS TO BE INCLUDED IN THE LIGHTING CONTRACT UNIT PRICES. LENGTH OF JUMPER CABLES SHALL NOT BE MEASURED FOR PAYMENT AND/OR PAYED FOR.