

**WORK TO BE PERFORMED:**

1. PLACE LOW-PROFILE BARRICADES, AIRFIELD SIGN & TAXIWAY EDGE LIGHT COVERS TO FACILITATE CLOSURE AREAS, REMOVE AFTER EACH WORK SHIFT
2. OBLITERATE SOUTH TWY C SURFACE PAINTED HOLD POSITION SIGN, PLACE ASPHALT SEAL COAT, INSTALL NEW ENHANCED TAXIWAY CENTERLINE MARKING FOR TWY C TO TWY B SOUTHBOUND MOVEMENT, INSTALL NEW SOUTH TWY C SURFACE PAINTED HOLD POSITION SIGN, REFRESH EXISTING ENHANCED TAXIWAY CENTERLINE AND SURFACE PAINTED HOLD POSITION SIGN FOR CONSISTENCY, SEE DWG C7.17 FOR LAYOUT
3. INSTALL NEW TWY C SIGN, FOUNDATION & CONDUIT ON WEST SIDE OF TWY B
4. AIRFIELD ELECTRICAL REPLACEMENT AT SOUTH END OF TWY B & TWY C. REPLACE LIGHT CANS, FIXTURES, ISOLATION TRANSFORMER, CABLES AND AIRFIELD SIGNS. REPLACE CIRCUIT T1

**PHASING NOTES:**

1. ONCE TASK IS STARTED, IT SHALL BE COMPLETED IN THE TOTAL GIVEN NUMBER OF CONTINUOUS CALENDAR DAYS
2. SUB-PHASE 1A AND SUB-PHASE 1B ARE PERFORMED CONCURRENTLY
3. NO WORK WILL BE PERFORMED DURING KONA WINDS, SEE NOTE 3, DWG G0.31, OR DURING BAD VFR CONDITIONS WHERE EDGE LIGHTS ARE REQUIRED
4. CONTRACTOR SHALL MINIMIZE EQUIPMENT WITHIN VOR CRITICAL AREA DURING WORK SHIFTS. CONTRACTOR SHALL REMAIN OUTSIDE OF LOC CRITICAL AT ALL TIMES. SEE NOTES 18 & 19, DWG G0.31

**LEGEND**

- RSA — RUNWAY SAFETY AREA
- ACTIVE AIRCRAFT ROUTES
- TEMPORARY PORTABLE JETBLAST DEFLECTOR
- LOW PROFILE BARRICADE
- • • TRAFFIC CONES
- ↔ CONTRACTOR HAUL ROUTE
- ✕ RUNWAY CLOSURE 'X'
- ⚠ FLAGGER - WITH ATCT RADIO COMMUNICATION
- CLOSED CONSTRUCTION AREA
- ▨ CONTRACTOR STAGING AREA
- ▤ TEMPORARY EARTHWORK STOCKPILE
- ▥ EARTHWORK BORROW SITE
- ⚡ COVER AIRFIELD SIGN
- ⚡ COVER AIRFIELD LIGHT

**AIRFIELD LIGHTING REPLACEMENT NOTES:**

1. THE CONTRACTOR SHALL PERFORM OPERATIONAL TESTING OF THE AIRFIELD LIGHTING SYSTEM AT LEAST 30 MINUTES PRIOR TO THE END OF EACH SHIFT TO ALLOW FOR TROUBLESHOOTING IN THE EVENT OF OPERATIONAL FAILURE.
2. THE CONTRACTOR SHALL PROVIDE TEMPORARY L-824 CABLES, AS NECESSARY, TO RE-ENERGIZE THE AIRFIELD ELECTRICAL SYSTEM IN THE EVENT COLLAPSED CONDUITS ARE ENCOUNTERED OR OTHER UNFORSEEN ISSUES THAT MAY PREVENT FULL RESTORATION AT THE END OF THE SHIFT. TEMPORARY L-824 CABLES SHALL BE INSTALLED WITHIN ABOVE GROUND RIGID GALVANIZED STEEL CONDUITS AND ANCHORED FROM JET BLAST.

**SUB-PHASE 1A (DAYTIME) - ELECTRICAL & CIVIL - SOUTH END OF TWY B & TWY C**

**DURATION:** 7 CALENDAR DAYS

CONCURRENT WITH PHASE 1 AND SUB-PHASE 1B DURATION

\* PENDING GO/NO GO WITH KONA WINDS AND GOOD VFR CONDITIONS

**WORK SHIFT:** 0800 TO 1800 HST

**AIRFIELD OPERATIONS NOTAMS:**

- REFER TO DWG G1.01 FOR PHASE 1 NOTAMS
- TWY B CLOSED SOUTH OF TWY D TO RWY 35 END
- TWY C CLOSED

**NAVAID SHUTDOWNS / NOTAMS:**

- REFER TO DWG G1.01 FOR PHASE 1 NOTAMS
- MEN AND EQUIPMENT WORKING INSIDE VOR CRITICAL AREA

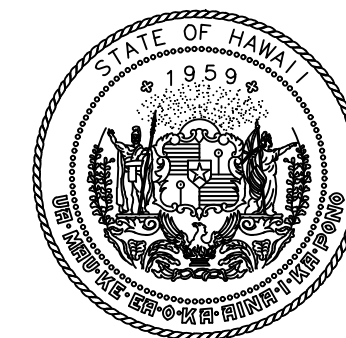
**AIRFIELD NON-STANDARD CONDITIONS:**

- REFER TO DWG G1.01 FOR PHASE 1 CONDITIONS

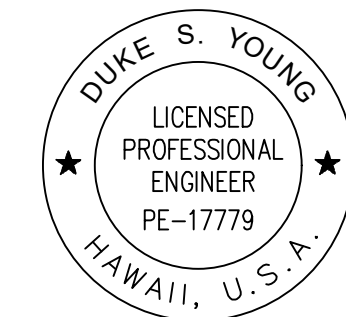
**DECLARED DISTANCES**

DISTANCE	RUNWAY 3	RUNWAY 21	RUNWAY 17	RUNWAY 35
ACCELERATED STOP DISTANCE AVAILABLE (ASDA)	6,500'	5,750' *	6,500'	6,500'
LANDING DISTANCE AVAILABLE (LDA)	0	5,545' *	6,500'	6,500'
TAKEOFF RUN AVAILABLE (TORA)	6,500'	6,000' *	6,500'	6,500'
TAKEOFF DISTANCE AVAILABLE (TODA)	6,500'	6,000' *	6,500'	6,500'

\* DECLARED DISTANCE REDUCED



Airports Division  
DEPARTMENT OF TRANSPORTATION  
STATE OF HAWAII



*Duke Young* 4/30/24  
DUKE YOUNG, PE  
CIVIL ENGINEER

DSGN.	DRWN.	CHKD.	APPD.
HF	HT	JB	DY

**KEY PLAN / NOTES:**

NO.	DATE	REVISIONS
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**CONSTRUCTION DOCUMENTS**

JULY 2022  
DATE

**PROJECT TITLE :**

**RELOCATE  
RUNWAY 3-21**

AT  
LIHUE AIRPORT  
LIHUE, KAUAI, HAWAII

**PROJECT NO.:**

**AK1031-14**

**SHEET TITLE:**

**SUB-PHASE 1A  
(DAYTIME)**

DATE :	DWG. NO.
07/2022	G1.04
SHEET :	
32 OF 376 SHEETS	



