

**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
- TEMPORARY AOA VSR ROUTE

**WORK TO BE PERFORMED:**

1. PLACE RUNWAY CLOSURE "X", LOW PROFILE BARRICADES, DE-ENERGIZE RUNWAY CIRCUIT, AND INSTALL COVERS ON TAXIWAY EDGE LIGHTS & AIRFIELD SIGNS TO FACILITATE CLOSURE AREAS, REMOVE AFTER EACH WORK SHIFT
2. CONSTRUCT REMAINING 160' OF RWY 21 END RETAINING WALL, STORM DRAIN CONSTRUCTION AND PLATFORM FILL PRIOR TO START OF MID-SEPTEMBER SHEARWATER SEASON
3. COMPLETE INSPECTION & AOA ROADS AND UTILITY ADJUSTMENTS TO NEW GRADE
4. AFTER RWY 21 END RETAINING WALL IS COMPLETE, INSTALL PERMANENT AOA FENCE, REMOVE TEMPORARY AOA FENCE & GATE, RE-OPEN PUBLIC ROAD, MAINTAIN TEMPORARY AOA GATE AT SOUTH END OF RETAINING WALL UNTIL END OF PHASE 4

**PHASING NOTES:**

1. CONTRACTOR SHALL BRING ADDITIONAL RESOURCES TO COMPLETE THE RWY 21 RETAINING WALL CONSTRUCTION WITHIN SPECIFIED DURATION FOR THE PHASE
2. WORK SHALL BE PERFORMED NIGHTTIME OUTSIDE OF RWY 17-35 RSA AND LOC CA
3. RWY 21 WALL CONSTRUCTION: EQUIPMENT HEIGHT RESTRICTION TO MAX 103' (MSL) BASED ON RWY 35 OEI DEPARTURE SURFACE
4. TEMPORARY STOCKPILE HEIGHT IS RESTRICTED TO 14' TALL
5. FAA 7460 REQUIRED FOR CRANES NEEDED FOR RETAINING WALL CONSTRUCTION
6. CONTRACTOR SHALL NOT CREATE ANY BUMPS, DIPS OR GRADES THAT MAY BE HAZARDOUS TO AN AIRCRAFT WITHIN THE RSA

SUB-PHASE 3A  
AFTER RETAINING WALL IS COMPLETE, INSTALL PERMANENT AOA FENCE, REMOVE TEMPORARY AOA FENCE & GATE, RE-OPEN PUBLIC ROAD

SUB-PHASE 3A  
CONSTRUCT REMAINING 160' OF RWY 21 END RETAINING WALL, STORM DRAIN CONSTRUCTION & PLATFORM FILL, UTILITY ADJUSTMENTS TO NEW GRADE, INSPECTION & AOA ROADS \*OUTSIDE OF RWY 17-35 RSA AND LOC CA

**SUB-PHASE 3A (NIGHTTIME) - RWY 21 END RETAINING WALL CONSTRUCTION**

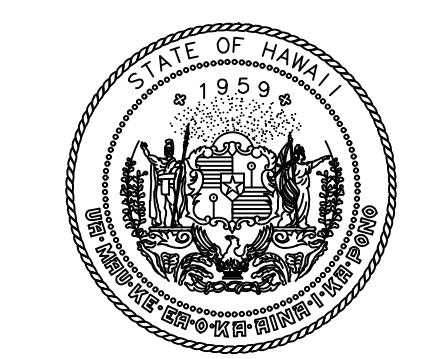
DURATION: 120 CALENDAR NIGHTS  
CONCURRENT WITH PHASE 3  
WORK SHIFT: 2200 TO 0800 HST  
\*PENDING GO/NO GO FOR KONA WIND CONDITIONS

- AIRFIELD OPERATIONS NOTAMS:**
- REFER TO DWG G3.01 FOR PHASE 3 NOTAMS
  - RWY 3-21 CLOSED
  - TWY A CLOSED WEST OF TWY K AND EAST OF TWY B
  - TWY H CLOSED SOUTH OF TWY A
  - TWY J CLOSED SOUTH OF TWY A
  - TWY K CLOSED SOUTH OF TWY A
  - TWY L CLOSED
  - TWY M CLOSED
  - CONTRACTOR WORKING NEAR RUNWAYS AND WILL REMAIN OUTSIDE OF RWY 17-35 RSA AND LOC CA

- NAVAID SHUTDOWNS / NOTAMS:**
- REFER TO DWG G3.01 FOR PHASE 3 NOTAMS
  - RWY 21 PAPI & REILS SHUTDOWN NIGHTLY

- AIRFIELD NON-STANDARD CONDITIONS:**
- REFER TO DWG G3.01 FOR PHASE 3 CONDITIONS

DECLARED DISTANCES				
DISTANCE	RUNWAY 3	RUNWAY 21	RUNWAY 17	RUNWAY 35
ACCELERATED STOP DISTANCE AVAILABLE (ASDA)	0	0	6,500'	6,500'
LANDING DISTANCE AVAILABLE (LDA)	0	0	6,500'	6,500'
TAKEOFF RUN AVAILABLE (TORA)	0	0	6,500'	6,500'
TAKEOFF DISTANCE AVAILABLE (TODA)	0	0	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 3A (NIGHTTIME)**

DATE :	DWG. NO.
07/2022	G3.03
SHEET :	
56 OF 376 SHEETS	