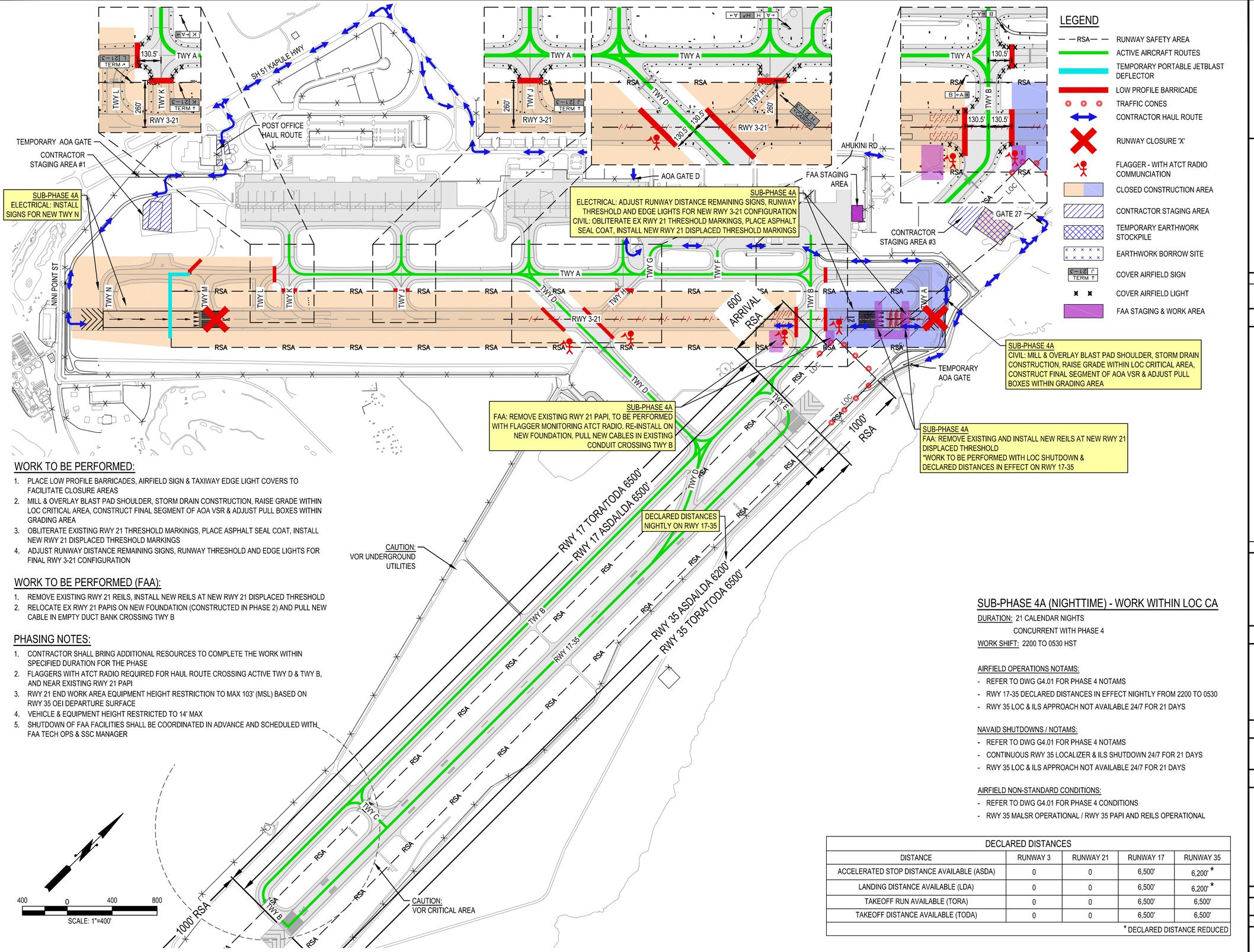

WORK TO BE PERFORMED:

1. PLACE LOW PROFILE BARRICADES, AIRFIELD SIGN & TAXIWAY EDGE LIGHT COVERS TO FACILITATE CLOSURE AREAS
2. MILL & OVERLAY BLAST PAD SHOULDER, STORM DRAIN CONSTRUCTION, RAISE GRADE WITHIN LOC CRITICAL AREA, CONSTRUCT FINAL SEGMENT OF AOA VSR & ADJUST PULL BOXES WITHIN GRADING AREA
3. OBLITERATE EXISTING RWY 21 THRESHOLD MARKINGS, PLACE ASPHALT SEAL COAT, INSTALL NEW RWY 21 DISPLACED THRESHOLD MARKINGS
4. ADJUST RUNWAY DISTANCE REMAINING SIGNS, RUNWAY THRESHOLD AND EDGE LIGHTS FOR FINAL RWY 3-21 CONFIGURATION

WORK TO BE PERFORMED (FAA):

1. REMOVE EXISTING RWY 21 REILS, INSTALL NEW REILS AT NEW RWY 21 DISPLACED THRESHOLD
2. RELOCATE EX RWY 21 PAPIS ON NEW FOUNDATION (CONSTRUCTED IN PHASE 2) AND PULL NEW CABLE IN EMPTY DUCT BANK CROSSING TWY B

PHASING NOTES:

1. CONTRACTOR SHALL BRING ADDITIONAL RESOURCES TO COMPLETE THE WORK WITHIN SPECIFIED DURATION FOR THE PHASE
2. FLAGGERS WITH ATCT RADIO REQUIRED FOR HAUL ROUTE CROSSING ACTIVE TWY D & TWY B, AND NEAR EXISTING RWY 21 PAPI
3. RWY 21 END WORK AREA EQUIPMENT HEIGHT RESTRICTION TO MAX 103' (MSL) BASED ON RWY 35 OEI DEPARTURE SURFACE
4. VEHICLE & EQUIPMENT HEIGHT RESTRICTED TO 14' MAX
5. SHUTDOWN OF FAA FACILITIES SHALL BE COORDINATED IN ADVANCE AND SCHEDULED WITH FAA TECH OPS & SSC MANAGER

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 COMMUNCIATION
- CLOSED CONSTRUCTION AREA
- CONTRACTOR STAGING AREA
- TEMPORARY EARTHWORK STOCKPILE
- EARTHWORK BORROW SITE
- COVER AIRFIELD SIGN
- COVER AIRFIELD LIGHT
- FAA STAGING & WORK AREA

SUB-PHASE 4A (NIGHTTIME) - WORK WITHIN LOC CA

DURATION: 21 CALENDAR NIGHTS
CONCURRENT WITH PHASE 4
WORK SHIFT: 2200 TO 0530 HST

AIRFIELD OPERATIONS NOTAMS:
- REFER TO DWG G4.01 FOR PHASE 4 NOTAMS
- RWY 17-35 DECLARED DISTANCES IN EFFECT NIGHTLY FROM 2200 TO 0530
- RWY 35 LOC & ILS APPROACH NOT AVAILABLE 24/7 FOR 21 DAYS

NAVAID SHUTDOWNS / NOTAMS:
- REFER TO DWG G4.01 FOR PHASE 4 NOTAMS
- CONTINUOUS RWY 35 LOCALIZER & ILS SHUTDOWN 24/7 FOR 21 DAYS
- RWY 35 LOC & ILS APPROACH NOT AVAILABLE 24/7 FOR 21 DAYS

AIRFIELD NON-STANDARD CONDITIONS:
- REFER TO DWG G4.01 FOR PHASE 4 CONDITIONS
- RWY 35 MALSR OPERATIONAL / RWY 35 PAPI AND REILS OPERATIONAL

DECLARED DISTANCES				
DISTANCE	RUNWAY 3	RUNWAY 21	RUNWAY 17	RUNWAY 35
ACCELERATED STOP DISTANCE AVAILABLE (ASDA)	0	0	6,500'	6,200' *
LANDING DISTANCE AVAILABLE (LDA)	0	0	6,500'	6,200' *
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 S. YOUNG
LICENSED PROFESSIONAL ENGINEER
PE–17779
HAWAII, U.S.A.

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

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

KEY PLAN / NOTES:

NO.	DATE	REVISIONS

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 4A (NIGHTTIME)

DATE :
07/2022
SHEET :
59 OF 376 SHEETS

DWG. NO.
G4.02

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