

# Airfield Lighting & Signage Upgrade Project

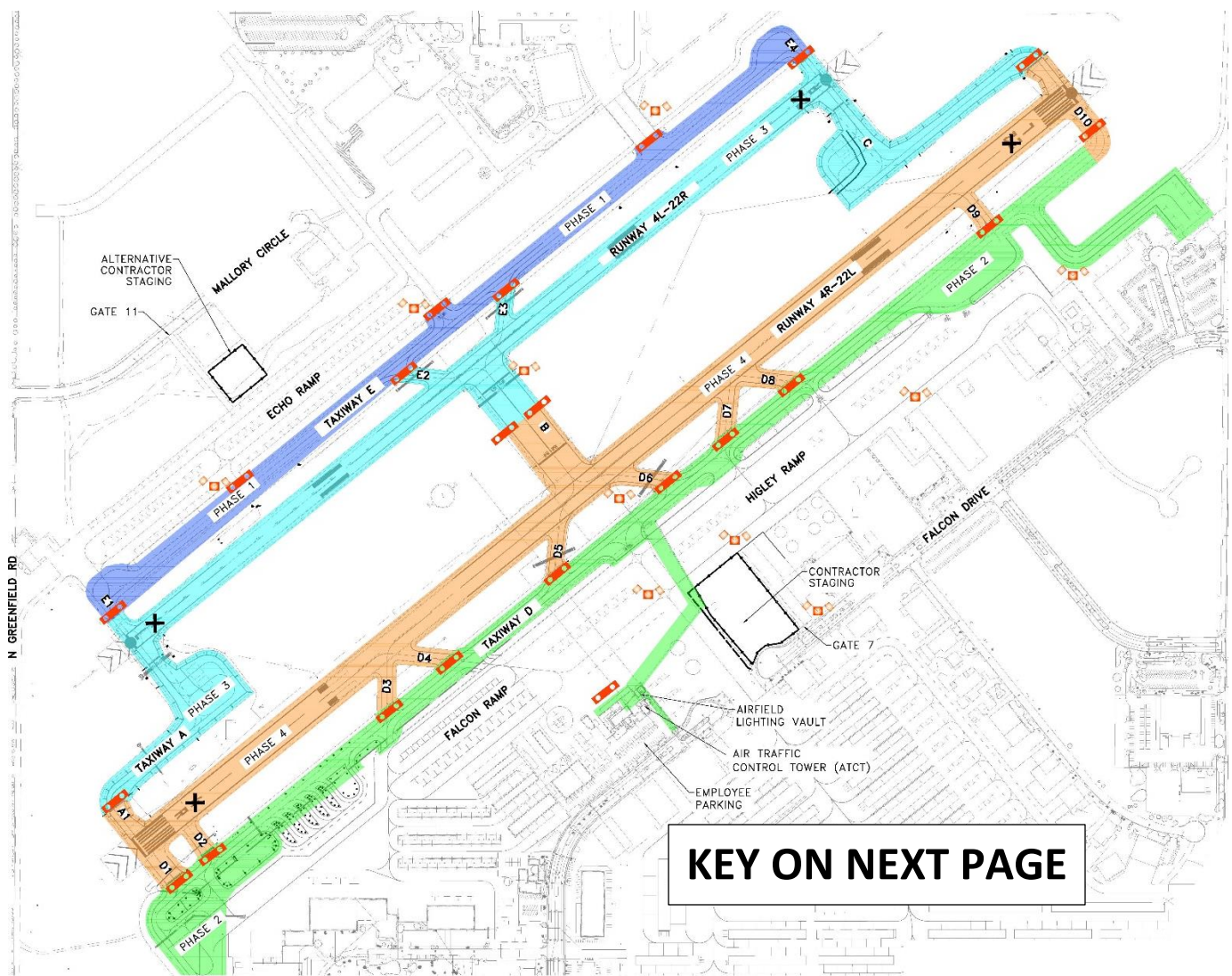
## January-July 2018

Attention Falcon Field Airport Users:

The Federal Aviation Administration (FAA) and the Arizona Department of Transportation (ADOT) have awarded Falcon Field Airport nearly \$2 million in grant funding for upgrades to airfield lighting and signage. The current lighting and wiring are more than 30 years old. Planned improvements include LED upgrades to the edge lighting on both runways, taxiway edge lights and all guidance signs. These improvements will require runway and taxiway closures.

Project construction will begin in January 2018 and is anticipated to be completed within 154 calendar days. Completion is anticipated in July 2018. Project phasing will begin with closure of portions of Taxiway E until the entire taxiway has been upgraded, followed by work on Taxiway D. The final two phases of the project will include work on the two runways. Only one runway will be closed at a time; simultaneous runway closures will not occur. All work within runway safety areas will be accomplished during nightly runway closures from 9 p.m.-6 a.m. (See the phasing diagram below and attached for more information.)

Construction updates will be posted as available at [www.falconfieldairport.com](http://www.falconfieldairport.com). For questions or further details, contact Brent Shiner, Airport Projects & Operations Supervisor, 480-644-4230 or [brent.shiner@mesaaz.gov](mailto:brent.shiner@mesaaz.gov).



FALCON FIELD AIRPORT LIGHTING AND SIGNAGE UPGRADES

# Airfield Lighting & Signage Upgrade Project

## January-July 2018

### **WATCH NOTAMS FOR CLOSURES AND NOTICES!**

#### LEGEND



TYPE 1, LIGHTED,  
LOW PROFILE BARRICADE



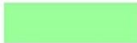
FLAG PERSON



LIGHTED RUNWAY CLOSURE "X"



PHASE 1 (28 CALENDAR DAYS)



PHASE 2 (42 CALENDAR DAYS)



PHASE 3 (35 CALENDAR DAYS)



PHASE 4 (49 CALENDAR DAYS)

**The dates for Phases below are approximate and subject to change:**

**January 2<sup>nd</sup> – January 30<sup>th</sup>, 2018**

**January 31 – March 13<sup>th</sup>, 2018**

**March 13<sup>th</sup> – April 19<sup>th</sup>, 2018**

**April 20<sup>th</sup> – June 8<sup>th</sup>, 2018**

#### PROJECT PHASING SEQUENCE

##### PHASE 1

TAXIWAY E AND EXITS 'E1', 'E2', 'E3', AND 'E4'

##### PHASE 2

TAXIWAY D AND EXITS 'D1' THRU 'D10'

##### PHASE 3

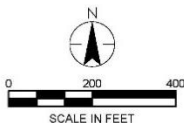
RUNWAY 4L-22R AND PARTIAL TAXIWAY B

##### PHASE 4

RUNWAY 4R-22L AND PARTIAL TAXIWAY B

APRON WORK, VAULT MODIFICATIONS, APRON LIGHTS AND MISCELLANEOUS WORK CONCURRENT WITH AIRFIELD WORK

ALL WORK WILL BE COMPLETED IN 154 CALENDAR DAYS



### **Important Notes for CAE Operations:**

1. Not all runway closures will occur at night, there will be a few scattered daily closures from time to time on short notice. Therefore, all crews must understand that patternwork is very restricted when single runway operations are in effect. Airport capacity will be restricted when single runway operations are in effect, and crews should plan to conduct full stop terminations or departures only – patternwork will be limited.
2. During construction, at night, it is likely the runway lights will ALL be on at medium intensity and may not be changeable by the pilots or ATC.
3. When either E1 or E4 taxiways are closed, full stop taxi-backs on the North Runway will be limited or not available.
4. Flight instructors must ensure that their solo students are briefed on construction impacts, what to expect when a runway closes, what to do when ATC becomes overloaded and forgets about a solo in the pattern, and how to interpret and identify NOTAMs and their impact on taxi and flight operations.
5. If you are unsure of an ATC clearance do NOT hesitate to ask ATC for clarification.