

# Franklin County State Airport Infrastructure Improvement Projects

Current and  
proposed  
easement tree  
obstruction  
removals

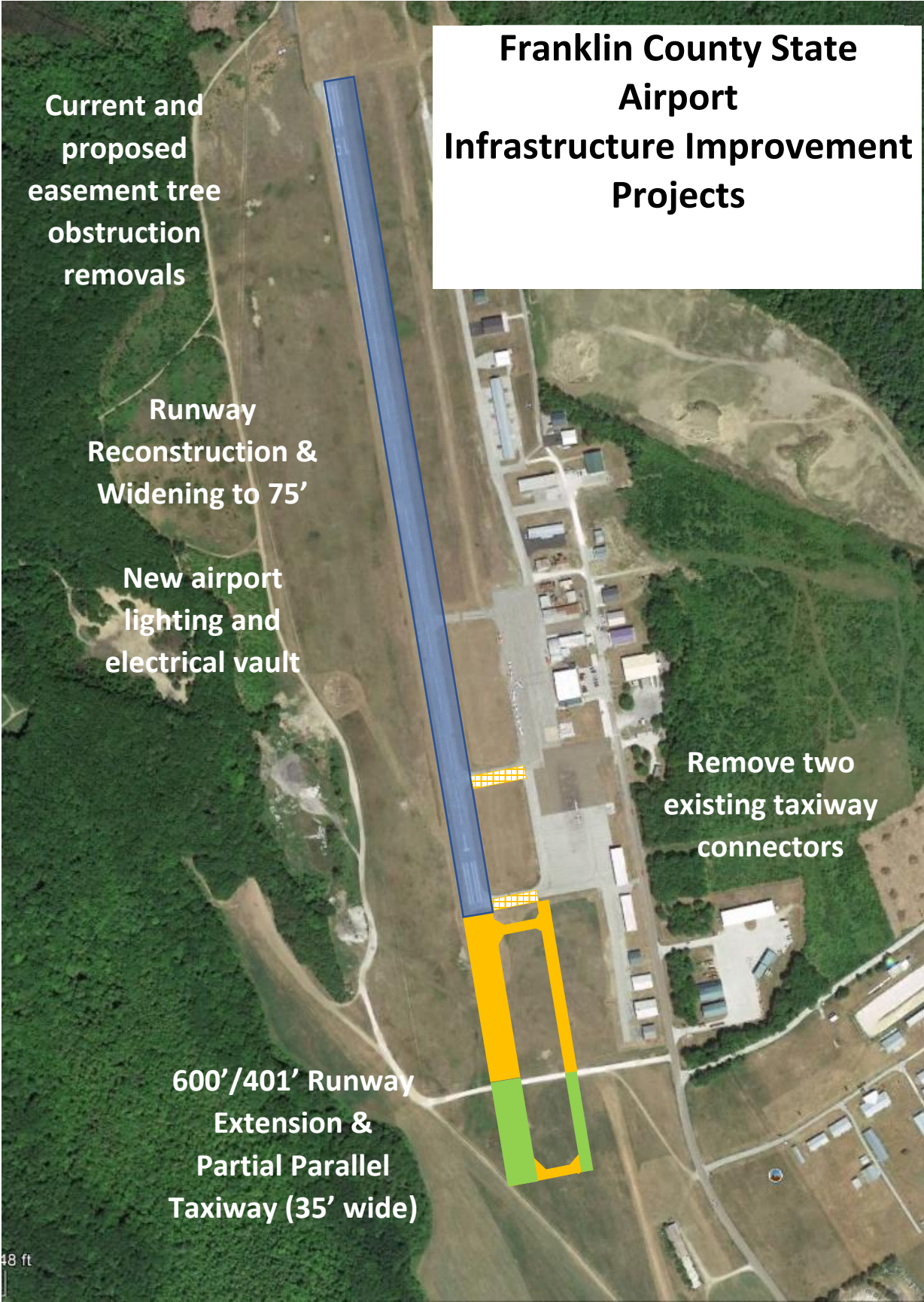
Runway  
Reconstruction &  
Widening to 75'

New airport  
lighting and  
electrical vault

Remove two  
existing taxiway  
connectors

600'/401' Runway  
Extension &  
Partial Parallel  
Taxiway (35' wide)

48 ft



**Highgate AV-FY17-005**  
**Franklin County State Airport (FSO)**  
**Runway Reconstruction, Widening, and Extension**

**Project Understanding:** The design objective is to upgrade the existing runway from supporting light single and twin-engine aircraft in FAA Airport Reference Code (ARC) A-I and B-I, into an airfield that can support more sophisticated business aircraft in ARC B-II, including turboprop and some light jet aircraft.

The proposed improvements included in this design project include:

- Reconstruction and widening of the existing 3,001' runway to a width of 75'
- A 1,000' extension of Runway 1, with associated RSA and OFA
- A 1,000' partial parallel taxiway to the extension of Runway 1, with associated TSA and TOFA
- Geotechnical exploration and soils testing
- Necessary drainage improvement design
- New runway/taxiway edge lighting for the extensions (retain existing MIRL)
- Relocation or replacement of the existing Runway 1 REIL and PAPI systems
- Pavement markings and signage per FAA standards
- New above ground electrical vault building & relocation or replacement of regulators
- New airport segmented circle, with lighting (TBD)
- Replace electrical cable (in conduit) to the existing ASOS

Additional services included:

- Required state and local permits
- Estimate of probable program costs
- FAA Construction Phasing & Safety Plan (Submittals via OE/AAA website)
- Engineer's Report (Submittals via OE/AAA website)
- Submittal of VTrans Plans, Special Provisions, and Contract Bid Documents
- Bidding phase services
- Construction Administrative Services

Note: Topographic survey to be conducted by VTrans