

Item No.:  
Meeting Date:

7a Supp  
November 24, 2015

# Flight Corridor Safety Obstruction Management

Commission Briefing  
11/24/15

Port   
of Seattle®

# Why Obstruction Removal?

- FAA regulations and WA State law require airports to identify and remove obstructions to navigable airspace on and around the airport.
- Removal of obstructions helps to ensure safe operation of aircraft takeoffs and landings.
- This is not unusual - airports around the country manage similar programs to protect the safety of the flying public.

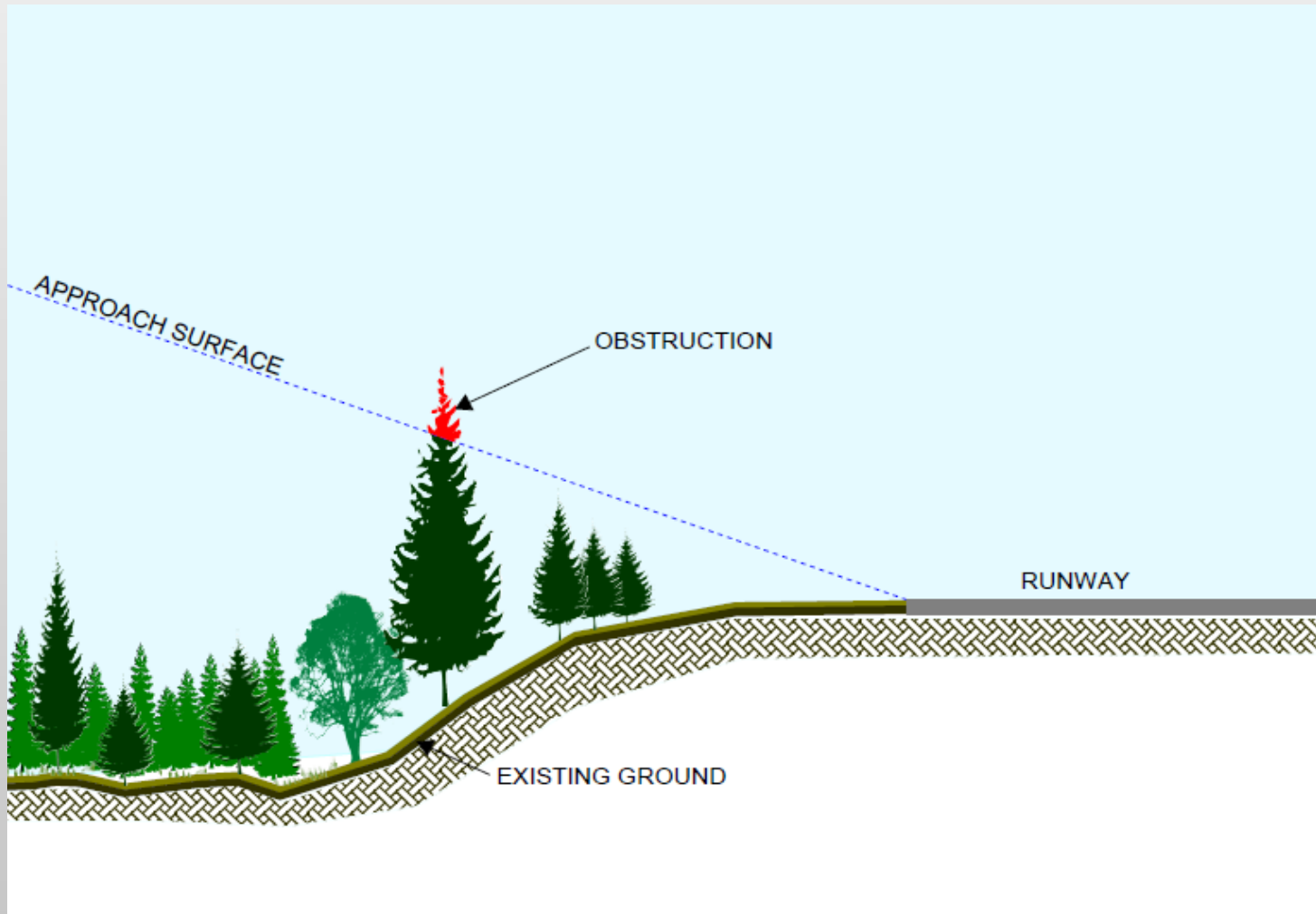
Ensuring safe, secure airport operations is our highest priority.

# What are Obstructions?

- Obstructions on and around Sea-Tac Airport consist mostly of trees (and other vegetation).
- Preliminary analysis indicates the presence of trees needing removal from properties in Burien, SeaTac, Des Moines, Highline Public Schools, WSDOT and Seattle Public Utilities rights of way.

An obstruction is any object affecting the safe and efficient use of navigable airspace.

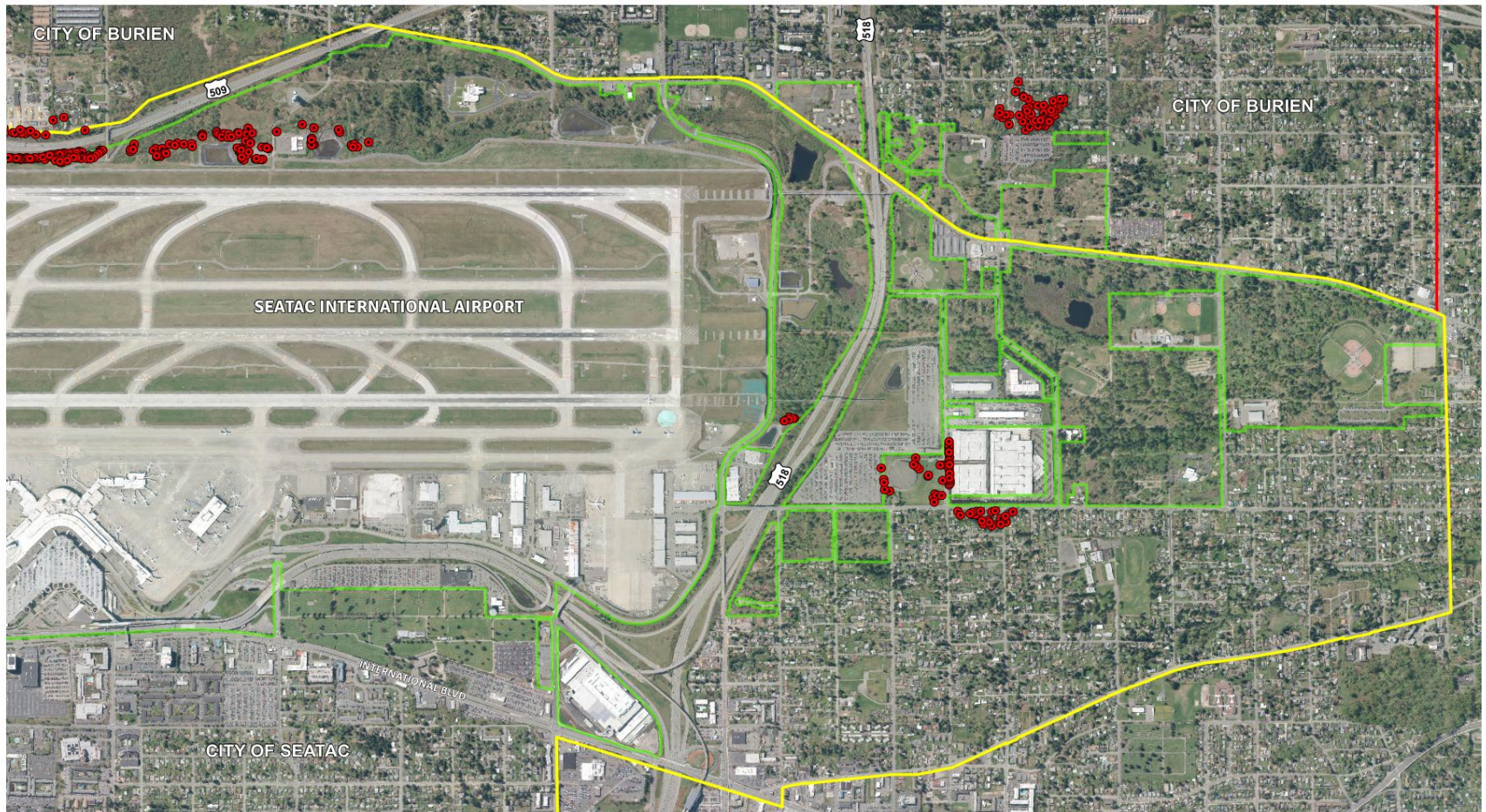
# Obstruction Example



Trees penetrating approach surfaces are considered obstructions.

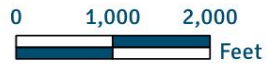


# North Obstructions



Disclaimer: This map is for general reference only. Data Layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

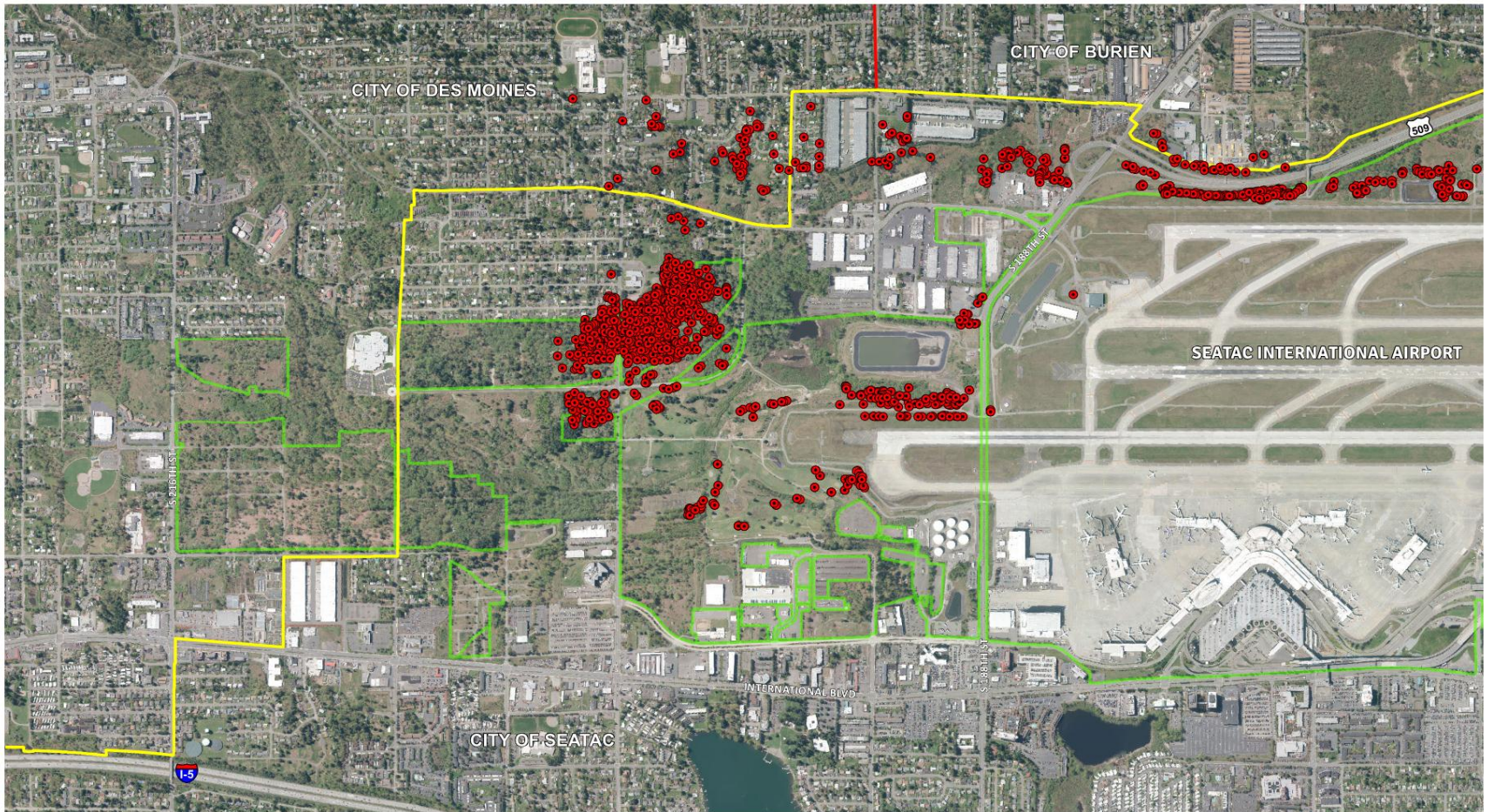
Aerial Photo Taken Spring 2012



- City of Seatac Boundary
- Other City Boundaries
- Port of Seattle Property
- Trees

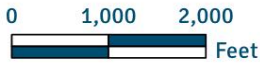






# South Obstructions



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Aerial Photo Taken Spring 2012



-  City of Seatac Boundary
-  Other City Boundaries
-  Port of Seattle Property
-  Trees

# General Program Phases

- Based on a phased delivery approach which will generally occur in the following sequence:
  - Phase One (2016): Port-owned property (on and off of airport)
  - Phase Two (2017): Publicly-owned and commercial properties
  - Phase Three (2018): Residential properties

A phased approach provides time to plan and engage stakeholders.

# Community Engagement

- Working with local jurisdictions to identify obstruction locations and determine removal/replacement requirements.
- Ongoing outreach and communication with impacted cities and residents.

Engaging stakeholders supports transparency and provides opportunities to provide input.



# Next Steps

- Complete process to verify obstructions and determine local jurisdiction removal and/or replacement requirements.
- Comply with state, federal and local environmental requirements.
- Obtain Commission authorization to advertise and execute construction contract.
- Proceed with Phase One (2016)
- Proceed with Phase Two (2017)
- Proceed with Phase Three (2018)

Multiple process steps are necessary prior to commencing.