



# City of South Burlington Noise Program Update

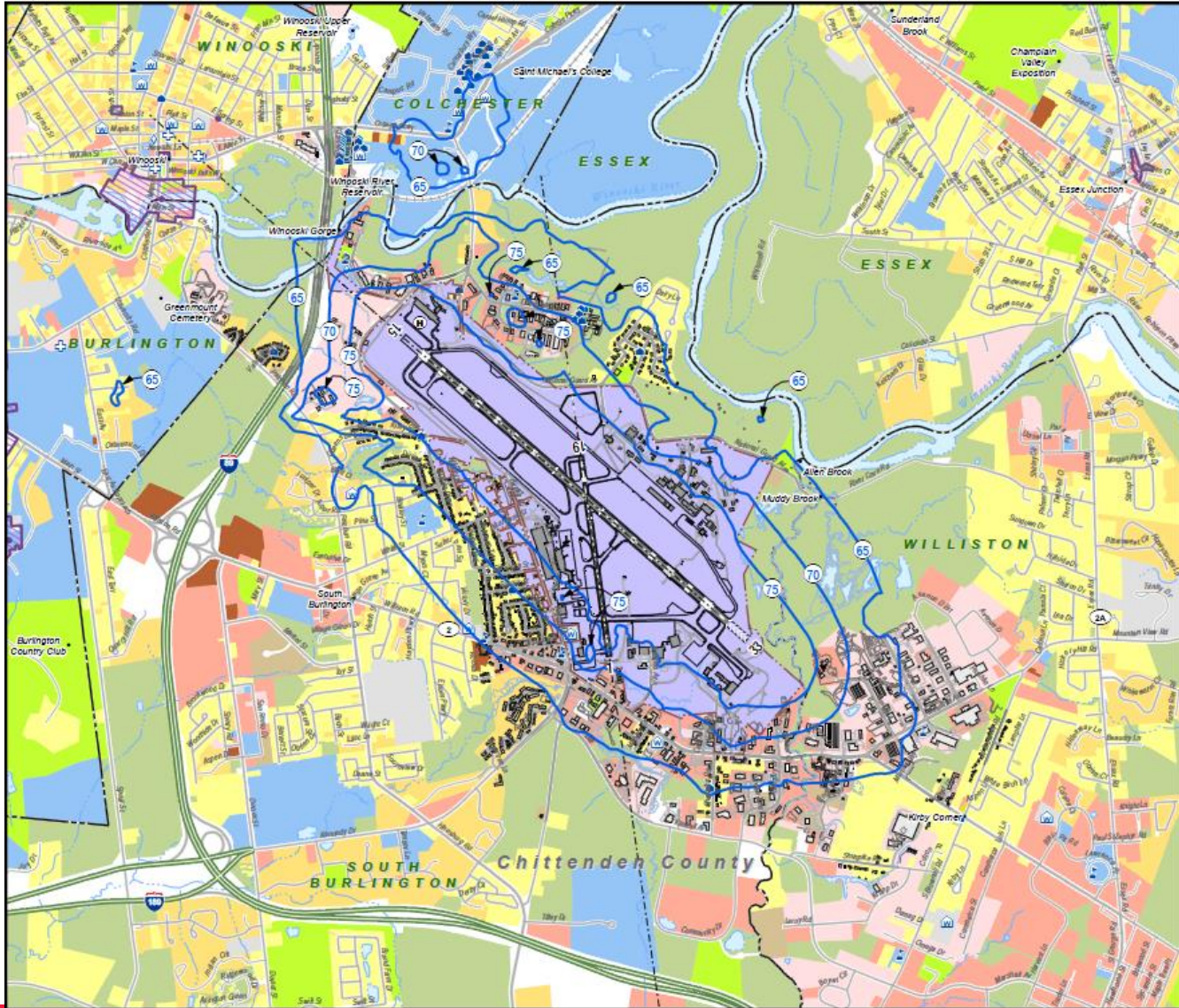
November 14, 2016



# BTV Noise Program

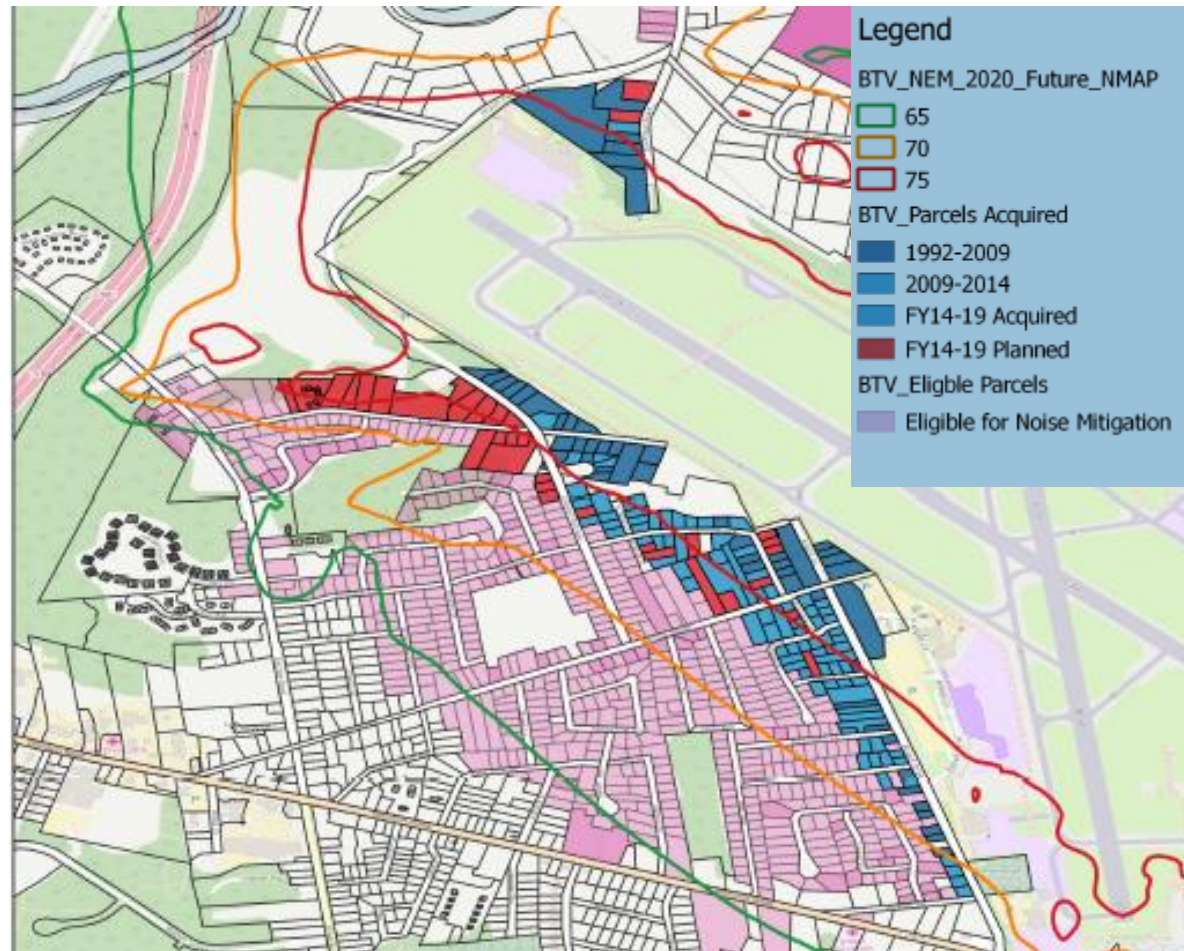
- The FAA's process for airports to study and mitigate aircraft noise is regulated by 14 CFR Part 150
- Part 150 is comprised of two parts
  - The Noise Exposure Map (NEM) which depicts the current and projected aircraft noise
  - The Noise Compatibility Program (NCP) which identifies how to mitigate aircraft noise in the 65 DNL and higher noise contour
- BTV's most recent Part 150 Study was updated in 2008
- The VT Air National Guard operations changed and a new NEM updated was undertaken in 2013
- FAA approved the updated noise contours for 2015 and 2020

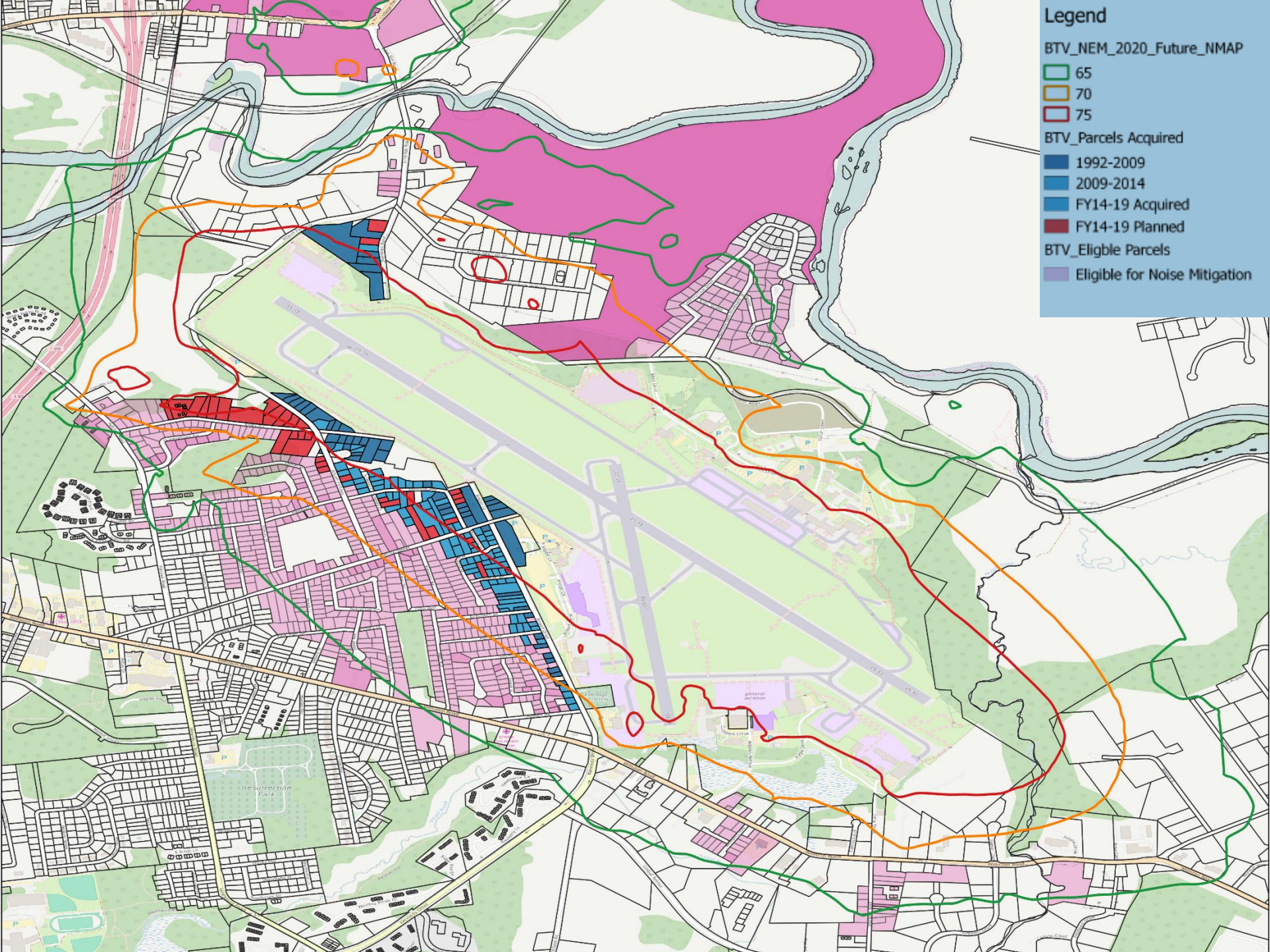
# FAA Approved 2020 Noise Contours



# Approved Noise Compatibility Program (2008)

- Land Acquisition & Relocation Program for homes located in the 65 and higher DNL
- 5 homes currently being acquired
- September 2016 - \$16 million grant issued for 39 homes located in the previous acquisition area





### Legend

BTV\_NEM\_2020\_Future\_NMAP

65

70

75

BTV\_Parcels Acquired

1992-2009

2009-2014

FY14-19 Acquired

FY14-19 Planned

BTV\_Eligible Parcels

Eligible for Noise Mitigation

# Noise Compatibility Program Update

- The update will focus on Land Use Measures
- Recommendations will be based on the 2020 Noise Contour
- Study will incorporate community feedback
- Study will begin in December 2016

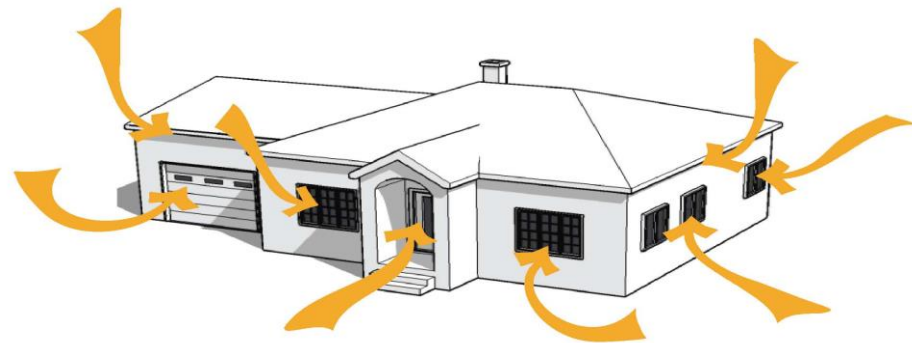


# Potential NCP Land Use Measures

Part 150 allows for the following mitigation measures:

- Land Acquisition & Relocation
- Sound Insulation
- Sales Assistance
- Purchase Assurance
- Easement Acquisition for New Development
- Real Estate Disclosure

BTV intends for recommended program to be VOLUNTARY



# Voluntary Home Acquisition Program

- Purchase of property from owner using federal guidelines
- Relocation benefits for the occupants
- Demolition of structure
- Eligible properties are located in previous acquisition area
- Typically a change in land use



# Potential Voluntary Sound Insulation Programs

- Installation of acoustical windows and doors in exchange for an aviation easement
- Reduce interior noise level to 45 dB DNL
- Must have existing interior noise level above 45 DNL to qualify
- Owner remains in home
- No change of land use



# Potential Voluntary Sales Assistance Program

- Airport assists with the sale of the home on the open market
- Airport does NOT take possession of property
- No change in land use
- Homeowner enters Sales Assistance Program by signing an agreement with the Airport
- The Agreement includes:
  - Homeowner to list property at Fair Market Value (FMV)
  - Homeowner to convey Avigation Easement prior to sale of home
  - Airport guarantees they will provide a differential to assist in the sale of the property if seller receives an offer of less than FMV.
- Owner / Occupant does not received relocation benefits



# Potential Voluntary Purchase Assurance Program

- Airport takes possession of property and resells it on the open market
- No change in land use
- Homeowner enters Purchase Assurance Program by signing an agreement with the Airport.
- The Agreement includes:
  - Homeowner to sell property at appraised Fair Market Value (FMV)
  - Homeowner to convey Avigation Easement prior to sale of home
- Owner / Occupant does not received relocation benefits
- Airport maintains and preserves property during the sound insulation process.



# Other Potential Land Use Measures

- Easement Acquisition for New Development
  - Acquire an aviation easement for new development within the 65, 70 and 75 dB DNL contours
- Real Estate Disclosure
  - Develop a real estate disclosure policy for land uses within the 65 DNL through implementation of a zoning ordinance with the City of South Burlington

**For More Information**

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