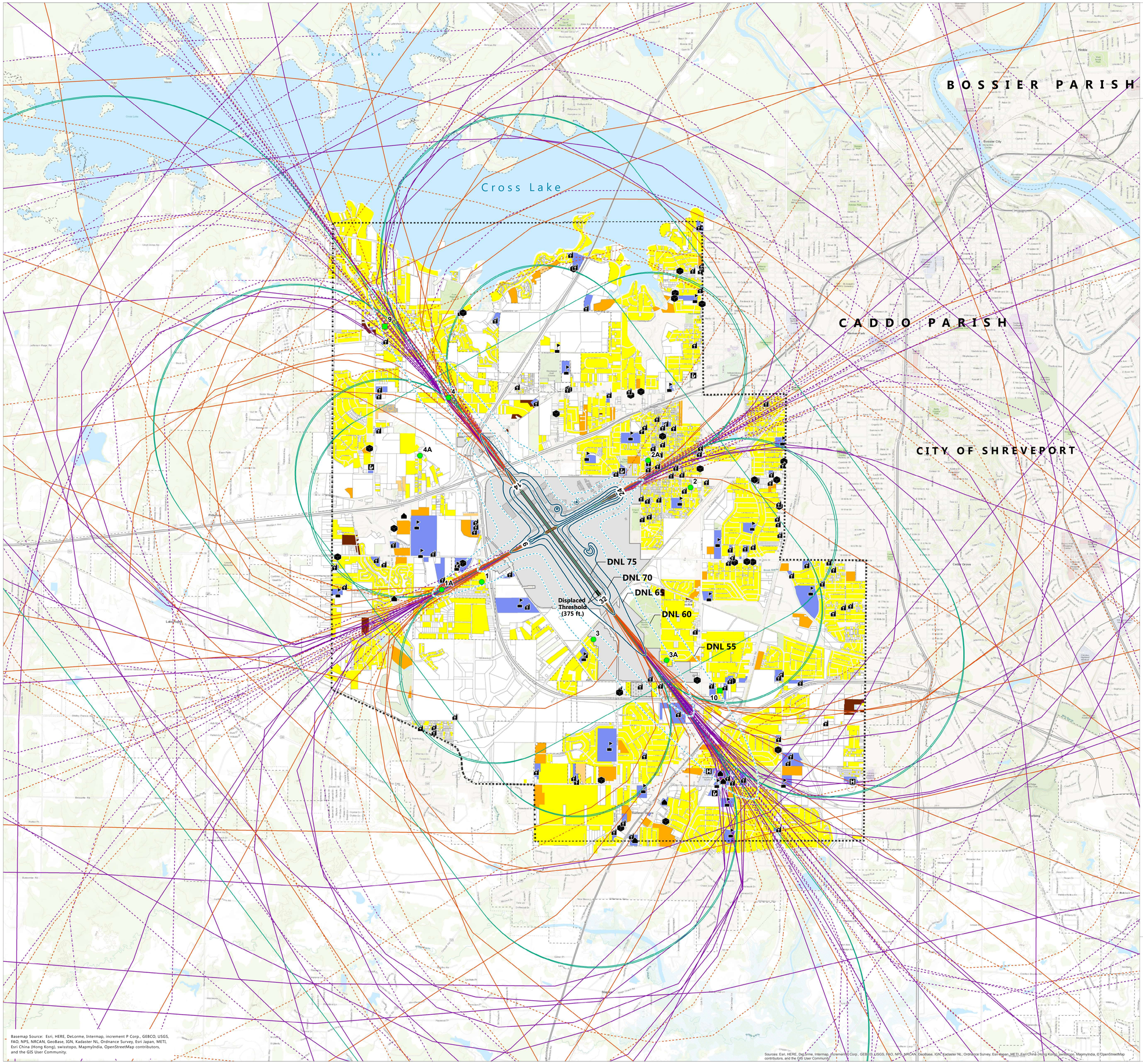

LEGEND

- Airport Property
- Land Use Study Area
- Shreveport City Limits

Noise Sensitive Land Use

- Residential – Single Family
- Residential – Multifamily
- Residential – Townhome
- Residential – Mobile Home
- Noise-Sensitive Institutional
- School/College/University
- Place of Worship
- Hospital
- Nursing and Assisted Living Facility
- Library
- Daycare

- Undeveloped or Noise-Compatible Use

INM Flight Tracks

- Jet INM Backbone Arrival Tracks
- Jet INM Backbone Departure Tracks
- Propeller INM Backbone Arrival Tracks
- Propeller INM Backbone Departure Tracks
- Touch and Go INM Backbone Tracks

DNL Noise Exposure Contours

- DNL Noise Exposure Contours – Significant Impact
- DNL Noise Exposure Contours – Marginal Impact

Portable Noise Measurement Sites

- 24-hour Noise Measurement Site
- Short-term Noise Measurement Site

Population Exposed to Noise – 2014	
DNL 55-60	4,331
DNL 60-65	218
DNL 65+	0
Total DNL 55+	4,549

Notes: 2014 noise exposure is based on airport activity for the 12-month period ending October 31, 2014.

INM = Integrated Noise Model
DNL = Day-Night Average Level

Sponsor's Certification

The Noise Exposure Maps and accompanying documentation for Shreveport Regional Airport, submitted with the best available information, are hereby certified as true and complete to the best of my knowledge and belief.
The 2014 Noise Exposure Map is hereby certified to represent conditions at the Airport as of the signature date, below. It is also hereby certified that adequate opportunity has been afforded interested persons to submit views, data, and comments on the Noise Exposure Maps and forecasts.

Date

Director of Airports

NORTH

0 4,000 ft.

SOURCES: Northwest Louisiana Council of Governments, 2014 (base map layers); Ricondo & Associates, Inc., Google Earth Pro, 2014 (land use); Ricondo & Associates, Inc., 2015 (2014 noise exposure); Integrated Noise Model, version 7d, Ricondo & Associates, Inc., 2015 (flight tracks); Measurement site locations provided by Barry Technologies, Inc., October 2014.
PREPARED BY: Ricondo & Associates, Inc., August 2015 (Editorial Revision, December 2017).

EXHIBIT 1

2014 Noise Exposure Map

Basemap Source: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, OpenStreetMap contributors, and the GIS User Community.

Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community