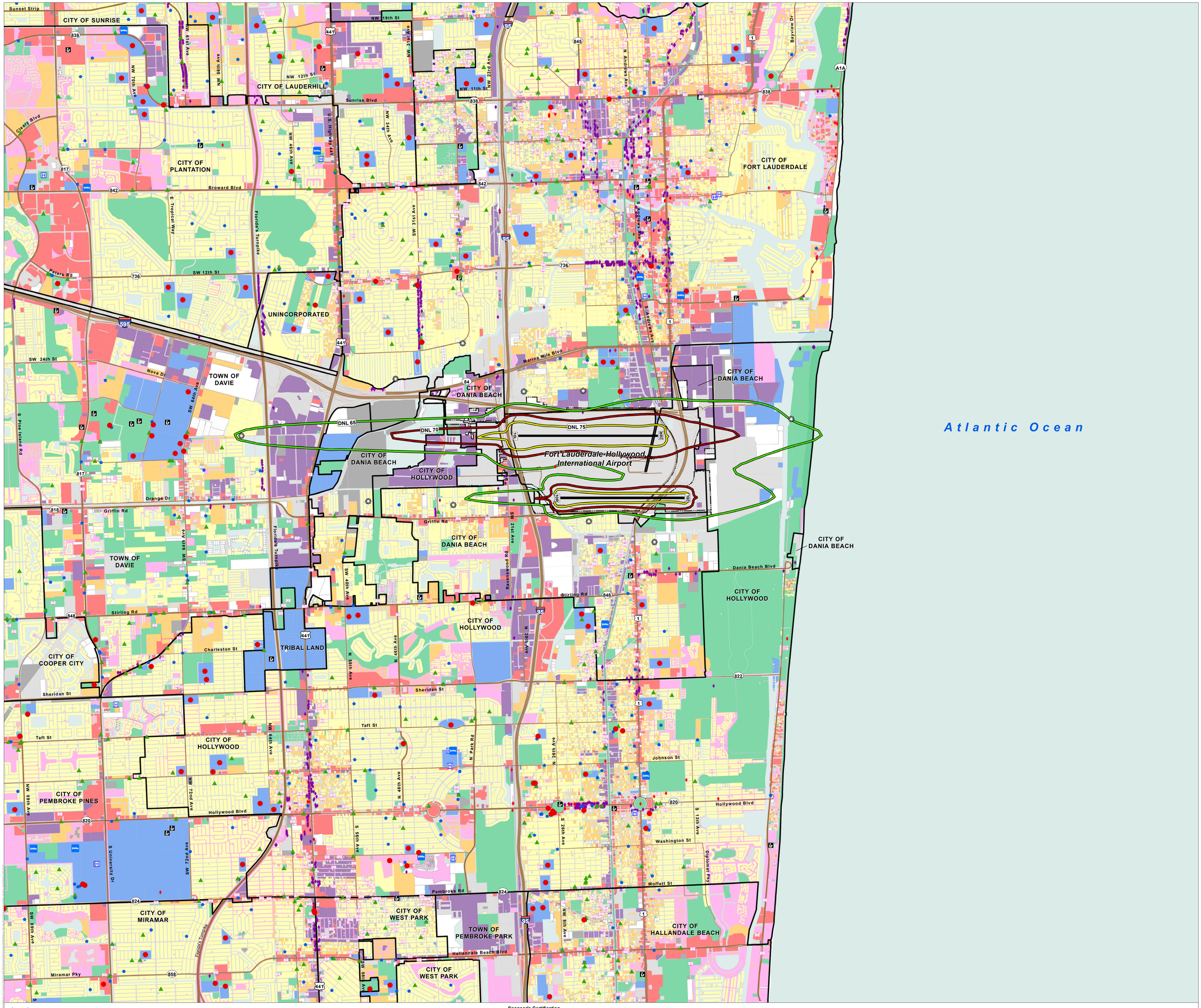
APPENDIX K

Noise Exposure Maps

This appendix includes the Noise Exposure Maps (NEMs) for the Fort Lauderdale-Hollywood International Airport Part 150 Study.

- Map 1 of 5– 2018 Noise Exposure Map
- Map 2 of 5 – 2023 Noise Exposure Map
- Map 3 of 5 – East Flow Fixed-Wing Flight Tracks
- Map 4 of 5 – West Flow Fixed-Wing Flight Tracks
- Map 5 of 5 – Helicopter Flight Tracks



Legend

- Airport Property Line
- Major Highways
- Major Roads
- Local Traffic
- Municipalities
- Noise Monitor

Noise Sensitive Sites*

- Existing School or College
- Planned School
- Children's Day Care
- Group Care
- Nursing Home
- Hospital
- Religious Center
- Libraries
- Historic Structure - NHRP - Eligible
- Historic Structure - Other

Existing Land Use

- Single and Two Family Residential*
- Multi Family Residential*
- Commercial and Office
- Industrial and Manufacturing
- Transportation and Parking
- Utilities
- Public Facilities and Institutions
- Parks, Open Space and Agriculture
- Unclassified
- Vacant Land
- Water

DNL Contours

- DNL 65
- DNL 70
- DNL 75

0 4,000 Feet

1" = 2,000'

*This land use classification may be incompatible if located within the DNL 65 dB or greater contour.

SOURCE: Esri; Broward County GIS Parcel Data Set, October, 2017; Adapted by Arora Engineers and ESA, 2018.

NOTE: Broward County and the Cities of Dania Beach, Davie, Fort Lauderdale, and Hollywood are the sole agencies for land uses contained within the DNL 65 contour.

Sponsor's Certification

The Broward County Aviation Department certifies that it has afforded interested persons adequate opportunity to submit their views, data, and comments concerning the correctness and adequacy of the Fort Lauderdale-Hollywood International Airport 2018 Noise Exposure Map and descriptions of forecast aircraft operations. The 2018 operations at Fort Lauderdale-Hollywood International Airport are hereby certified to be consistent with fleet mix, forecast operational levels, and flight procedures depicted on this 2018 Noise Exposure Map.

By: Michael P. Pacitto, P.G.

Title: Director Planning and Environmental, Broward County Aviation Department

Address: 2200 S.W. 45th Street, Suite 101, Dania Beach, Florida 33312

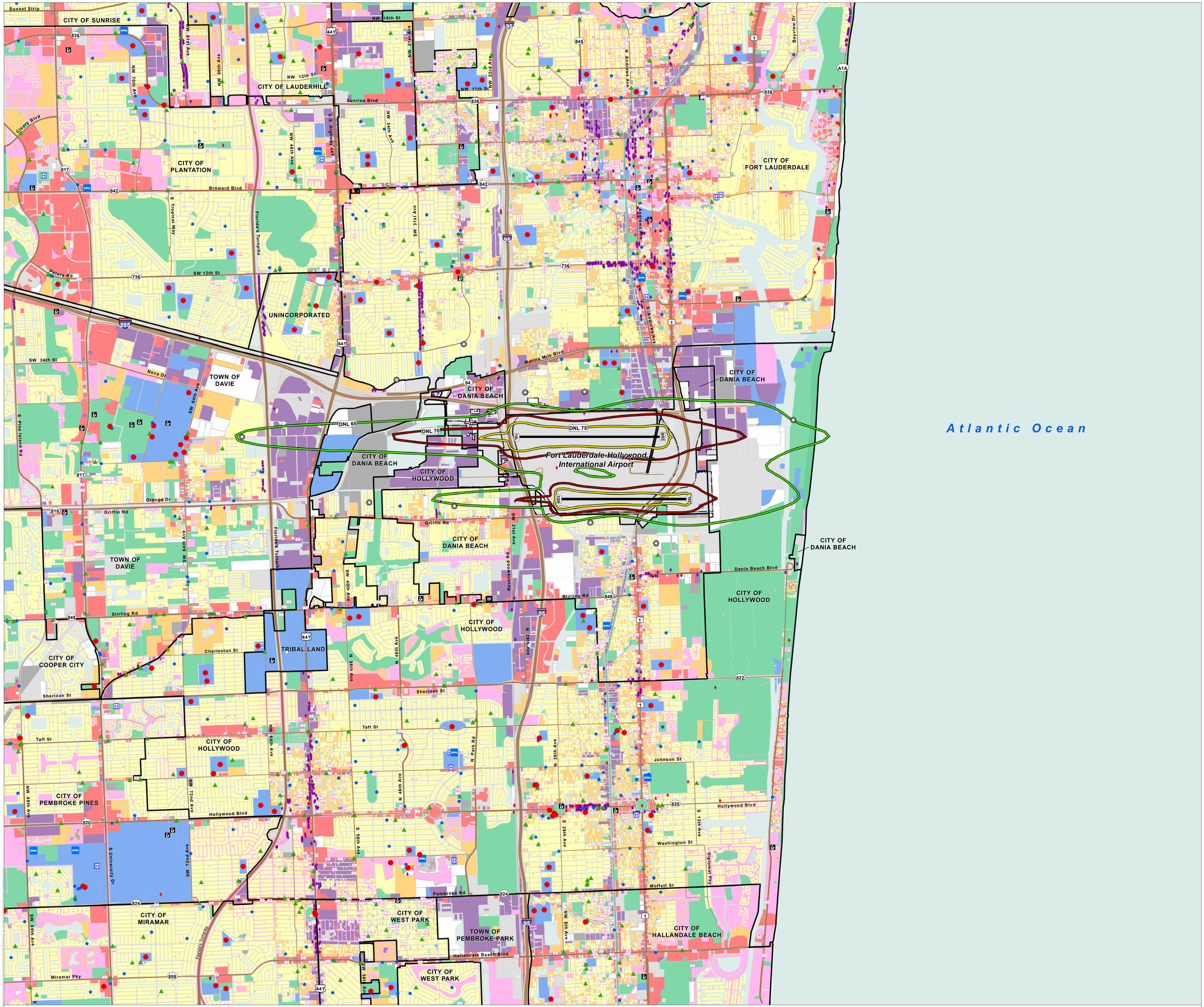
Michael P. Pacitto — 6/1/2019

Signature — Date

2018 Noise Exposure Map

Map 1 of 5

Fort Lauderdale-Hollywood International Airport



Legend

- Airport Property Line
- Major Highways
- Major Roads
- Local Traffic
- Municipalities
- Noise Monitor

Noise Sensitive Sites*

- Existing School or College
- Planned School
- Children's Day Care
- Group Care
- Nursing Home
- Hospital
- Religious Center
- Libraries
- Historic Structure - NHRP - Eligible
- Historic Structure - Other

Existing Land Use

- Single and Two Family Residential*
- Multi Family Residential*
- Commerical and Office
- Industrial and Manufacturing
- Transportation and Parking
- Utilities
- Public Facilities and Institutions
- Parks, Open Space and Agriculture
- Unclassified
- Vacant Land
- Water

DNL Contours

- DNL 65
- DNL 70
- DNL 75

0 4,000 Feet

1" = 2,000'

*This land use classification may be incompatible if located within the DNL 65 dB or greater contour.

SOURCE: Esri; Broward County GIS Parcel Data Set, October, 2017; Adapted by Arora Engineers and ESA, 2018.

NOTE: Broward County and the Cities of Dania Beach, Davie, Fort Lauderdale, and Hollywood are the sole agencies for land uses contained within the DNL 65 contour.

Sponsor's Certification

The Broward County Aviation Department certifies that it has afforded interested persons adequate opportunity to submit their views, data, and comments concerning the correctness and adequacy of the Fort Lauderdale-Hollywood International Airport 2023 Noise Exposure Map and descriptions of forecast aircraft operations. The 2023 operations at Fort Lauderdale-Hollywood International Airport are hereby certified to be consistent with fleet mix, forecast operational levels, and flight procedures depicted on this 2023 Noise Exposure Map as of December 31, 2018.

By: Michael P. Pacitto, P.G.

Title: Director Planning and Environmental, Broward County Aviation Department

Address: 2200 S.W. 45th Street, Suite 101, Dania Beach, Florida 33312

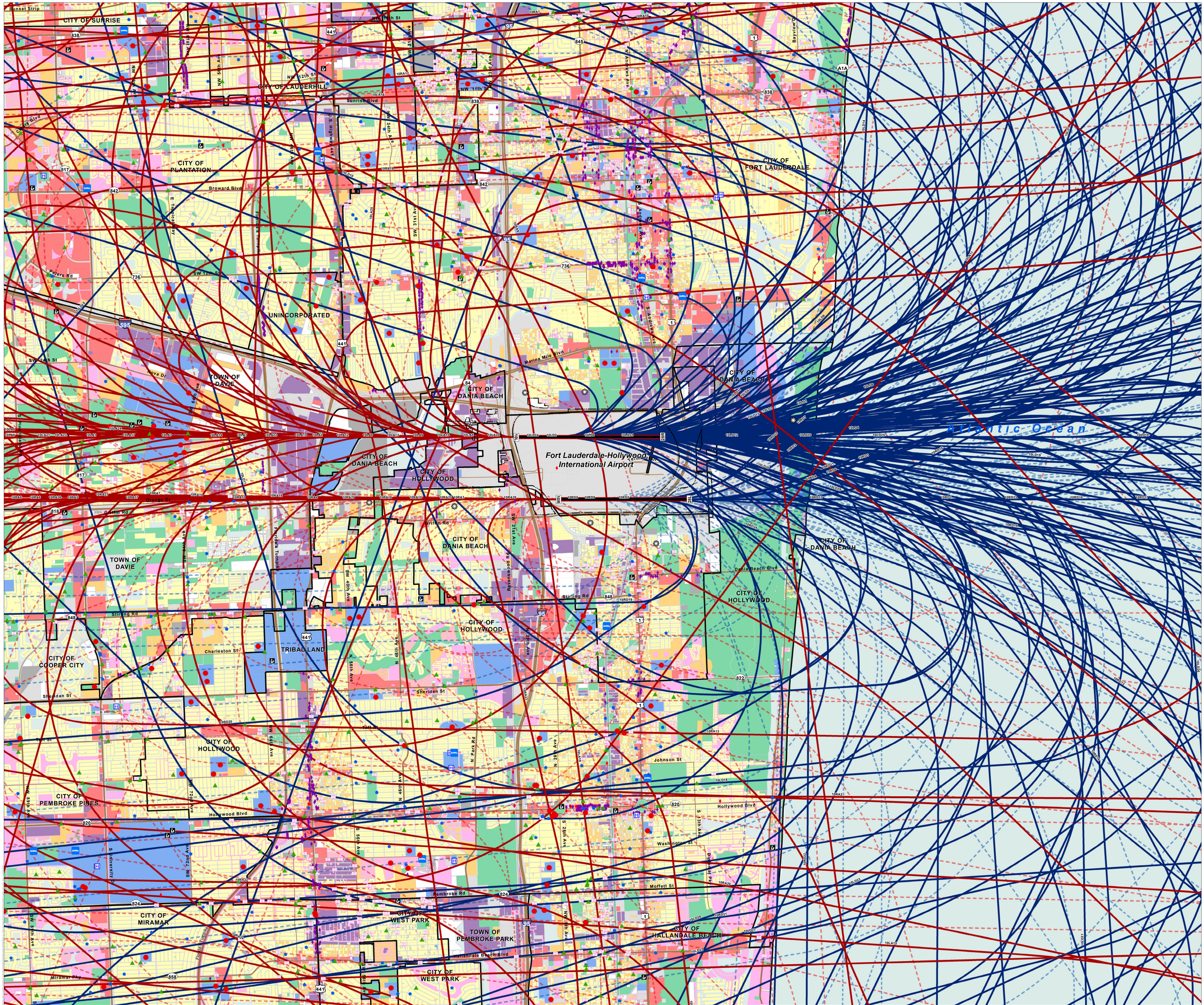
Michael P. Pacitto 6/21/2019

Signature Date

2023 Noise Exposure Map

Map 2 of 5

Fort Lauderdale-Hollywood International Airport



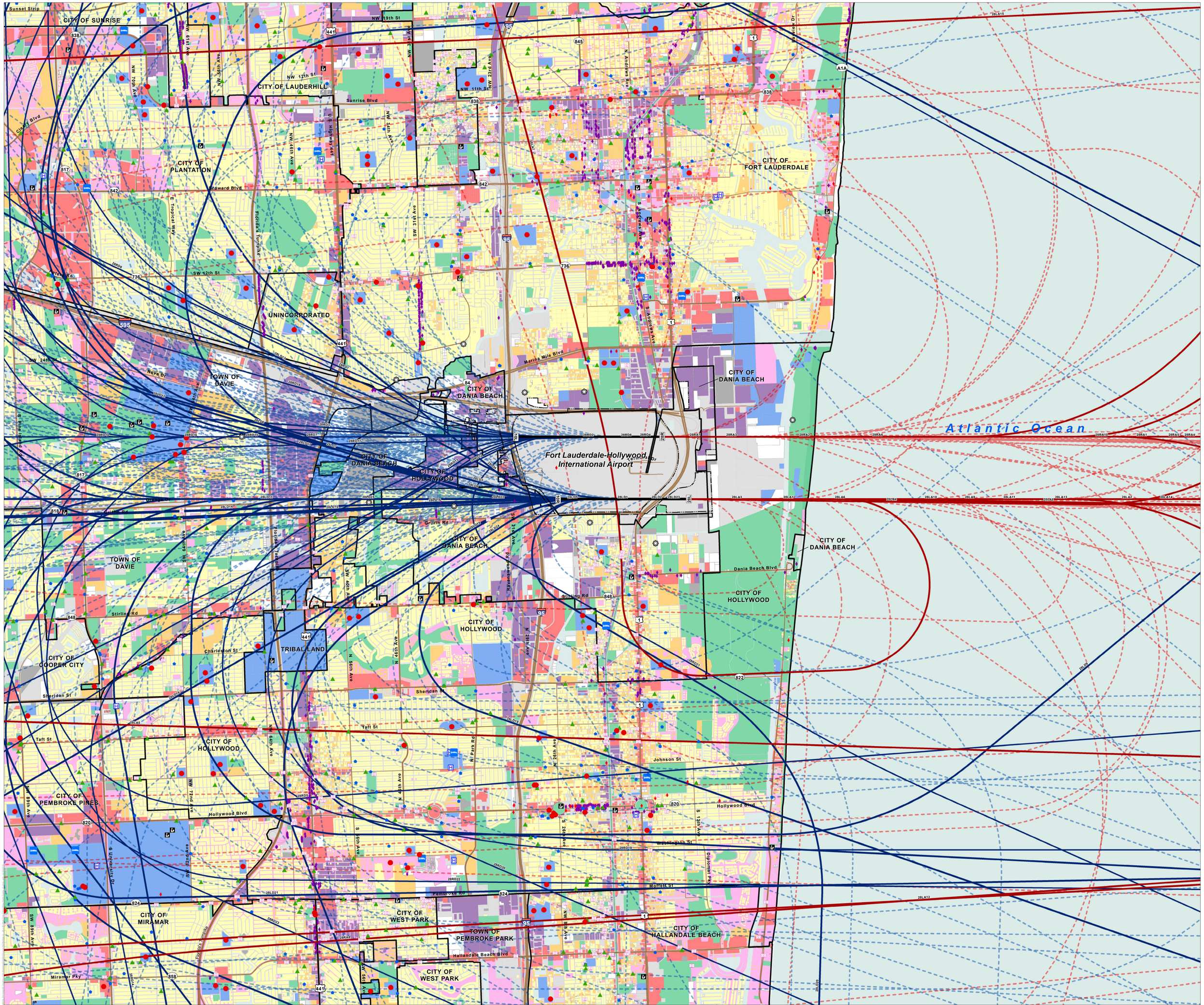
East Flow Fixed-Wing Flight Tracks

Map 3 of 5

Fort Lauderdale-Hollywood International Airport

SOURCE: Esri; Broward County GIS Parcel Data Set, October, 2017; Adapted by Arora Engineers and ESA, 2018.

NOTE: Broward County and the Cities of Dania Beach, Davie, Fort Lauderdale, and Hollywood are the sole agencies for land uses contained within the DNL 65 contour.



Legend

- Airport Property Line
- Major Highways
- Major Roads
- Local Traffic
- Municipalities
- Noise Monitor

Noise Sensitive Sites

- Existing School or College
- Planned School
- Children's Day Care
- Group Care
- Nursing Home
- Hospital
- Religious Center
- Libraries
- Historic Structure - NHRP - Eligible
- Historic Structure - Other

Existing Land Use

- Single and Two Family Residential
- Multi Family Residential
- Commerical and Office
- Industrial and Manufacturing
- Transportation and Parking
- Utilities
- Public Facilities and Institutions
- Parks, Open Space and Agriculture
- Unclassified
- Vacant Land
- Water

- Arrival Track
- Departure Track

0 4,000 Feet

1" = 2,000'

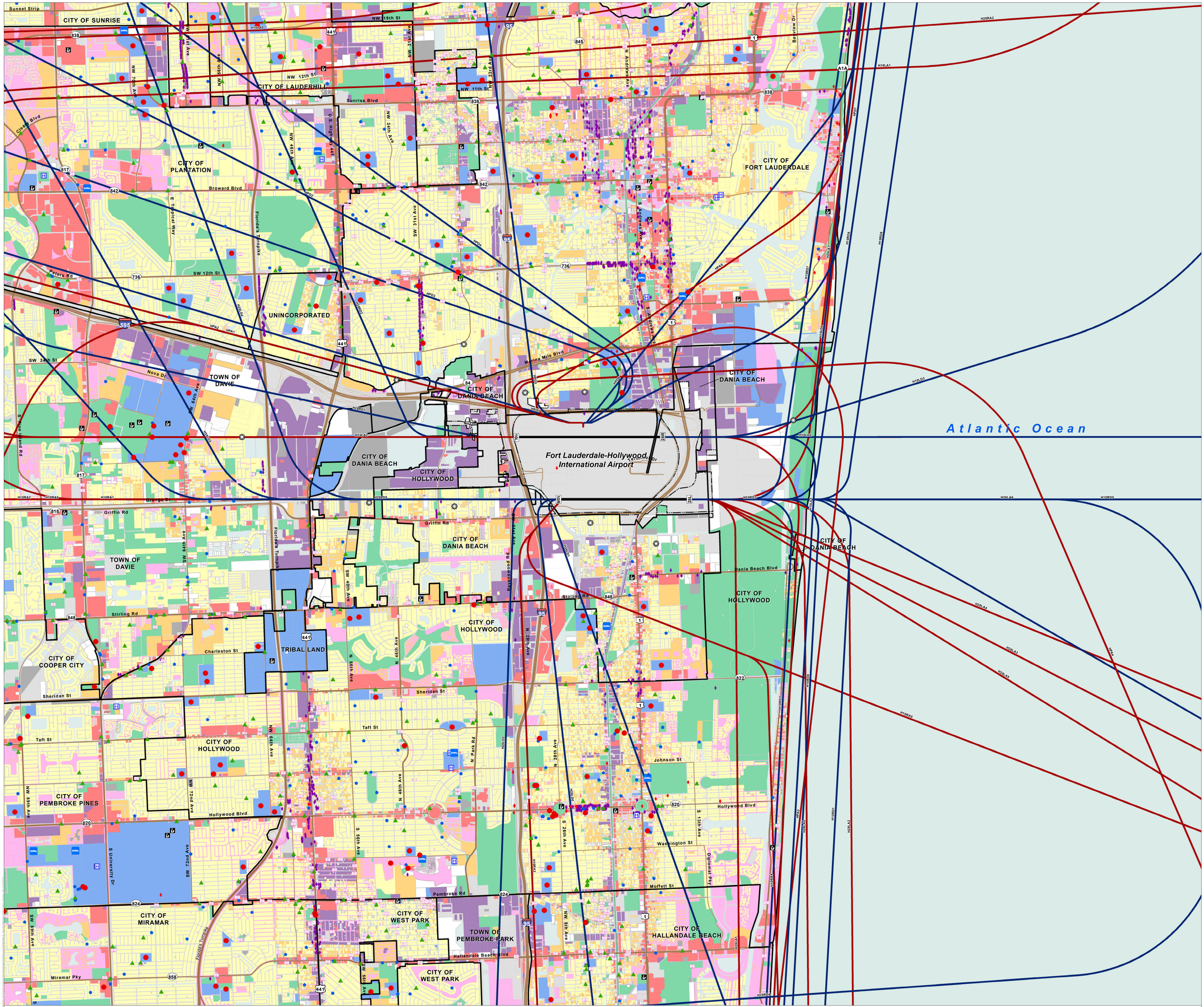
NOTE: Broward County and the Cities of Dania Beach, Davie, Fort Lauderdale, and Hollywood are the sole agencies for land uses contained within the DNL 65 contour.

SOURCE: Esri; Broward County GIS Parcel Data Set, October, 2017; Adapted by Arora Engineers and ESA, 2018.

West Flow Fixed-Wing Flight Tracks

Map 4 of 5

Fort Lauderdale-Hollywood International Airport



Legend

- Airport Property Line
- Major Highways
- Major Roads
- Local Traffic
- Municipalities
- Noise Monitor

Noise Sensitive Sites

- Existing School or College
- Planned School
- Children's Day Care
- Group Care
- Nursing Home
- Hospital
- Religious Center
- Libraries
- Historic Structure - NHRP - Eligible
- Historic Structure - Other

Existing Land Use

- Single and Two Family Residential
- Multi Family Residential
- Commerical and Office
- Industrial and Manufacturing
- Transportation and Parking
- Utilities
- Public Facilities and Institutions
- Parks, Open Space and Agriculture
- Unclassified
- Vacant Land
- Water

- Arrival Track
- Departure Track

N

0 4,000 Feet

1" = 2,000'

SOURCE: Esri; Broward County GIS Parcel Data Set, October, 2017; Adapted by Arora Engineers and ESA, 2018.

NOTE: Broward County and the Cities of Dania Beach, Davie, Fort Lauderdale, and Hollywood are the sole agencies for land uses contained within the DNL 65 contour.

Helicopter Flight Tracks

Map 5 of 5

Fort Lauderdale-Hollywood International Airport