LIST OF ABBREVIATIONS, ACRONYMS AND GLOSSARY

AC – Advisory Circular
ACM – Asbestos-Containing Materials
ADZ – Airport Development Zone
ALP – Airport Layout Plan
ANG – Army National Guard
AOC – Area of Concern
APTA – American Public Transit Association
APU – Auxiliary Power Unit
ARC – Airport Reference Code
ARFF – Air Rescue and Fire Fighting
ASDA – Accelerate Stop Distance Available
AST – Above-Ground Storage Tank
ASTM – American Society for Testing and Materials
AT – Air Taxi
ATC – Airport Traffic Control
ATCT – Airport Traffic Control Tower
BBJ – Boeing Business Jet
BEA – Bureau of Economic Analysis
BMP – Best Management Practice
BOD – Biochemical Oxygen Demand
CAA – Clean Air Act (1970)
CAAA – Clean Air Act and Amendments (1990)
CAMU – Corrective Action Management Unit
CEQ – Council on Environmental Quality
CFR – Code of Federal Regulations
CMSA – Consolidated Metropolitan Statistical Area
CO – Carbon Monoxide
CP – Control Point
CWE – Clean World Engineering, Ltd.
CZM – Coastal Zone Management Act (1972)
dB – Decibel
dBA – Decibels in A-weighted sound levels
DOT – Department of Transportation
DNL – Day-Night Average Sound Level
E&S – Erosion and Sedimentation Control Plan
EA – Environmental Assessment
EBGCR – East Branch Grand Calumet River
EDMS – Emissions and Dispersions Modeling System
EIS – Environmental Impact Statement
EJ&E – Elgin, Joliet & Eastern Railway
EMAS – Engineered Material Arresting System
EPA – Environmental Protection Agency
ESA – Environmental Site Assessment
FAA – Federal Aviation Administration
FAED – FAA Aircraft Engine Emission Database
FAR – Federal Aviation Regulation
FBO – Fixed Base Operator
FEMA – Federal Emergency Management Agency
FHWA – Federal Highway Administration
FONSI – Finding of No Significant Impact
FPPA – Farmland Protection Policy Act
FRA – Federal Railway Administration
FTA – Federal Transit Administration
FUDS – Formerly Used Defense Site
FY – Fiscal Year
GA – General Aviation
GLR – Great Lakes Region
GPS – Global Positioning System
GSE – Ground Support Equipment
GYY – Gary/Chicago International Airport
HC – Hydrocarbons
HIRL – High Intensity Runway Lighting
HP – Horsepower
HUD – Department of Housing and Urban Development
Hz – Hertz
IBI – Index of Biotic Integrity
IDEM – Indiana Department of Environmental Management
IDNR – Indiana Department of Natural Resources
IFR – Instrument Flight Rule
**Air Carrier Airport** - an airport designated by design and/or use for air carrier operations.

**Airport Layout Plan** - a graphic presentation to scale of existing and ultimate airport facilities, their location on the airport and the pertinent clearance and dimensional information required.

**Airspace** - space in the air above the surface of the earth or a particular portion of such space.

**Capacity** - the number of aircraft operations possible at a particular airport.

**Cumulative Impact** - the impact on the environment that results from the incremental impact of the action when added to other past, present, and reasonably foreseeable future actions.

**Day-Night Average Sound Levels (DNL)** – the 24-hour average sound level, in decibels, for the period from midnight to midnight, obtained after the addition of ten decibels to sound levels for the periods between 10 p.m. and 7 a.m.

**Delay** - the difference between constrained and unconstrained operating time.

**Demand** - the number of operations or enplanements forecast to occur at an airport at a specified time in the future.

**Diversity** - The relative abundance and number of different species in a given environment.

**DOT Section 4(f) Lands** - Section 4(f) of the DOT Act provides that the U.S. Secretary of Transportation shall not approve any program or project, which requires the use of any publicly owned land from a public park, recreation area, or wildlife and waterfowl refuge or national, state or local significance or land of an historic site of natural, state or local significance. Recodified at 49 USC, Subtitle I, Section 303.

**Enplanement** - a passenger departing an airport, either originating at that airport, or transferring from another aircraft.

**Environmental Assessment** - a public document that provides sufficient evidence and analysis for determining whether an environmental impact statement or finding of no significant impact should be prepared.

**Environmental Impact Statement** - a Federal document that provides full and fair discussion of significant environmental impacts and informs decision makers and the public of the reasonable alternatives which would avoid or minimize adverse impacts or enhance the quality of the human environment.

**Forecasts** - projected aircraft operations and enplaned passengers utilizing an airport over a specified period of time.

**Future Development** - These areas are parcels of land set aside for ancillary development (i.e., hotels, office space, light industry, etc.) expected to occur during later stages of airport development, as demand dictates.

**High Density Rule** - an FAA regulation that restricts the number of Instrument Flight Rule (IFR) operations at O’Hare, LaGuardia, Kennedy and Washington National Airports. For O’Hare International Airport, these restrictions are limited to 155 operations per hour between the hours of 6:45 a.m. and 9:15 p.m.

**Load Factors** - a measure of the utilization of airline capacity.

**Noise Contour** - a continuous line on a map of the airport vicinity connecting all points of the same noise exposure level.

**Operations** - the total number of landings (arrivals) and takeoffs (departures) at an airport over a specified period of time.

**Palustrine** - All nontidal wetlands dominated by trees, shrubs, persistent emergents, emergent mosses, or lichens, also including wetlands lacking such vegetation, but with all the following characteristics: area is less than 8 hectares (20 acres), active waveformed or bedrock shorelines lacking, and water depth in the deepest part of the basin is less than 2 meters (6 feet) at low water.

**Scoping** - an early and open process for determining the scope of issues to be addressed and for identifying the significant issues related to a proposed action.