ENVIRONMENTAL IMPACT EVALUATION

Prepared in accordance with the
Connecticut Environmental Policy Act

Proposed Infrastructure Improvements and Rentschler Field Development

East Hartford, Connecticut

Volume I of II

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LIST OF ACRONYMS / ABBREVIATIONS

ACOE	United States Army Corps of Engineers
ADT	Average Daily Traffic
AED	Automatic External Defibrillator
AHS	Archaeological and Historical Services
AOC	Area of Environmental Concern
AST	above-ground storage tank
BFE	base flood elevation
BLS	Basic Life Support
BMP	Best Management Practice
CAA	Clean Air Act
CAAA	Clean Air Act Amendments
CCAT	Connecticut Center for Advanced Technology
C&D Plan	State Plan of Conservation and Development
CEPA	Connecticut Environmental Policy Act
CERC	Connecticut Economic Resource Center
CEQ	Council on Environmental Quality
cfs	cubic feet per second
CGS	Connecticut General Statutes
CHC	Connecticut Historical Commission
CIBA	Connecticut International Baccalaureate Academy
CL&P	Connecticut Light and Power
CLOMR	Conditional Letter of Map Revision
CNG	Connecticut Natural Gas
CO	carbon monoxide
CRCOG	Capitol Region Council of Governments
CREC	Capitol Region Education Council
CRRA	Connecticut Resources Recovery Authority
DDD	Design Development District
DECD	Connecticut Department of Economic and Community Development
DEP	Connecticut Department of Environmental Protection
DOA	Connecticut Department of Agriculture
DOT	Connecticut Department of Transportation
DPH	Connecticut Department of Public Health
EDA	Earth Design Associates, Inc.
EGIC	Environmental and Geographic Information Center
EHGEMS	East Hartford - Glastonbury Elementary Magnet School
EHHS	East Hartford High School
EHPD	East Hartford Police Department
EIE	Environmental Impact Evaluation
ELUR	Environmental Land Use Restriction
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FIS	Flood Insurance Study
GIS	geographic information system
gpd	gallons per day
GPLPE	General Permit to Limit Potential to Emit
GPS	Global Positioning System
GTC	Global Technology Center
HAP	hazardous air pollutant
HASP	Health and Safety Plan
I-84	Interstate 84
ITE	Institute of Transportation Engineers

LIST OF ACRONYMS / ABBREVIATIONS CONTINUED

IWWC	Inland Wetlands and Watercourses Commission
LEED	Leadership in Energy and Environmental Design
LOMR	Letter of Map Revision
LOS	Level of Service
MACT	maximum achievable control technology
MDC	Metropolitan District Commission
MDT	Mobile Data Terminal
MGD	million gallons per day
MSATs	Mobile Source Air Toxics
MSG	Madison Square Garden
NAAQS	National Ambient Air Quality Standards
NAC	Noise Abatement Criteria
NEPA	National Environmental Policy Act
NESHAPS	National Emission Standards for Hazardous Air Pollutants
NFIP	National Flood Insurance Program
NO_x	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NRCS	Natural Resources Conservation Service
NSPS	New Source Performance Standards
O_3	ozone
OPM	Connecticut Office of Policy and Management
P&W	Pratt & Whitney
Pb	lead
PGP	Programmatic General Permit
PM	particulate matter
ppm	parts per million
psi	pounds per square inch
PZC	Town of East Hartford Planning and Zoning Commission
RCP	reinforced concrete pipe
RCSA	Regulations of Connecticut State Agencies
REC	Recognizable Environmental Condition
REMI	Regional Economic Models, Inc.
ROW	right – of – way
RSR	Remediation Standard Regulations
SERM	South End Residents and Merchants, Inc.
sf	square feet
SHPO	State Historic Preservation Office
SIP	Connecticut State Implementation Plan
SO_2	sulfur dioxide
State	State of Connecticut
STC	State Traffic Commission
STIP	Statewide Transportation Improvement Program
SWPCP	Stormwater Pollution Control Plan
TIP	transportation improvement program
TMG	The Matos Group
TNM	Traffic Noise Model
Town	Town of East Hartford
TPY	tons per year
TSS	total suspended solids
UCONN	University of Connecticut
USDA	United States Department of Agriculture
UST	underground storage tank
UTC	United Technologies Corporation
UTRC	United Technologies Research Center

LIST OF ACRONYMS / ABBREVIATIONS CONTINUED

VMTs	vehicle miles traveled
VOCs	volatile organic compounds