Illiana Corridor
Will and Kankakee Counties, Illinois, and Lake County, Indiana
TIER TWO FINAL ENVIRONMENTAL IMPACT STATEMENT

Submitted Pursuant to 42 USC 4332 (2)(c) and 49 USC 303 by
the US Department of Transportation, Federal Highway Administration,
Illinois Department of Transportation, and Indiana Department of Transportation

Cooperating Agencies
US Army Corps of Engineers - Chicago District, US Coast Guard District 8 (St. Louis),
US Department of Agriculture - Forest Service, US Department of the Interior, Fish and Wildlife Service,
US Environmental Protection Agency, Illinois Department of Natural Resources,
Illinois Historic Preservation Agency, Indiana Department of Natural Resources, Division of Historic Preservation and Archaeology, and Indiana State Department of Agriculture

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DEPUTY COMMISSIONER INNOVATIVE PROJECT DELIVERY
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The Illinois Department of Transportation (IDOT), Indiana Department of Transportation (INDOT), and Federal Highway Administration (FHWA) propose a transportation solution to improve regional mobility, address local system deficiencies, and provide efficient movement of freight in the Illiana Corridor between I-55 on the west and I-65 on the east. This Tier Two Final Environmental Impact Statement (FEIS) considers three mainline alternatives, along with a No-Action Alternative. In addition, five interchange design options at IL-53 are under consideration. Ten other interchanges (seven in Illinois and three in Indiana) are planned. In consideration of the technical analysis in the Tier Two EIS and the comments received during the comment period on the Tier Two Draft EIS, Alternative 1 with IL-53 Design Option 4 is identified as the Preferred Alternative.

The Preferred Alternative has a length of approximately 50.3 miles. Wetland impacts are 64.20 acres, with 26.26 acres of impacts to High Quality Aquatic Resources. Floodplain fill volumes are 277.8 acre-feet for the Preferred Alternative with 6.58 acres of stream area impacted. Other adverse effects associated with the Preferred Alternative include impacts to the federally endangered sheepnose mussel, Eryngium stem borer moth (candidate), and the northern long-eared bat (proposed); 9.67 acres of noteworthy prairie; and a Section 4(f) *de minimis* impact to the Wauponsee Glacial Trail. There are 73.15 acres of potential indirect impact to existing grassland bird habitat at Midewin National Tallgrass Prairie. Mitigation for impacts is addressed in this FEIS, and will be further developed during Clean Water Act permitting as well as other coordination with state and federal agencies.

The Final EIS will be made available for a minimum 30-day waiting period prior to FHWA issuing a Record of Decision.

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List of Acronyms and Abbreviations

AADT	Average Annual Daily Traffic
AAR	Association of American Railroads
AASHTO	American Association of State Highway and Transportation Officials
ACF	Alternatives Carried Forward
ACG	The al Chalabi Group, Ltd.
ACS	American Community Survey
ACHP	Advisory Council on Historic Preservation
ACFTM	Alternatives to be Carried Forward Technical Memorandum
ADA	Americans with Disabilities Act
ADT	Average daily traffic
AER	Alternatives Evaluation Report
AES	Applied Ecological Services
AIMS	Assessment Information Management System Database
AL	Aquatic Life
APWA	American Public Works Association
AUID	Assessment Unit Identification
AOA	Airport Operations Area
APE	Area of Potential Effects
AQ	Aesthetic Quality
ARP	Archaeological Research Program
ASTM	American Society for Testing and Materials
BA	Biological Assessment
BDE	Bureau of Design and Environment
BGEPA	Bald and Golden Eagle Protection Act
BMPs	Best Management Practices
BNSF	Burlington Northern Santa Fe Railway
BO	Biological Opinion
BSC	Biological Stream Characterization
BSS	Biologically Significant Stream
CAA	Clean Air Act
CCDD	Illinois Clean Construction and Demolition Debris
CD	Collector-Distributor
CED	Center for Economic Development
CEQ	Council on Environmental Quality
CERCLA	Comprehensive Environmental Response Compensation and Liability Information Act

CERCLIS	Comprehensive Environmental Response Compensation and Liability Information System
CFR	Code of Federal Regulations
cfs	Cubic Feet Per Second
CH_4	Methane
CMAP	Chicago Metropolitan Agency for Planning
CMP	Congestion Management Process
CN	Canadian National Railroad
CO	Carbon Monoxide
CO_2	Carbon Dioxide
COA	Conservation Opportunity Area
ComEd	Commonwealth Edison
COSIM	Carbon Monoxide Screen for Intersection Modeling
CPG	Corridor Planning Group
CREATE	Chicago Region Environmental and Transportation Efficiency
CREP	Conservation Reserve Enhancement Program
CRP	Conservation Reserve Program
CSS	Context Sensitive Solutions
CWA	Clean Water Act
dB(A)	A-Weighted Decibel
DEIS	Draft Environmental Impact Statement
DHPA	Indiana Division of Historic Preservation and Archaeology
DNR	Department of Natural Resources
DO	Dissolved Oxygen
DOA	Department of Agriculture
DOW	Division of Water
DPSCA	Des Plaines State Conservation Area
DPSFWA	Des Plaines State Fish and Wildlife Area
EcoCAT	Ecological Compliance Assessment Tool
EDC	Economic Development Council
EIS	Environmental Impact Statement
EJ	Environmental Justice
EMS	Emergency Management Services
EPCRA	Emergency Planning and Community Right-to-Know Act
ESA	Endangered Species Act
FAA	Federal Aviation Administration
FBC	Full Body Contact
FC	Fish Consumption
FEIS	Final Environmental Impact Statement
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration

FIRMs	Flood Insurance Rate Maps
FIS	Flood Insurance Study
FPDWC	Forest Preserve District of Will County
FRA	Federal Railroad Administration
FTA	Federal Transit Administration
GARVEE	Grant Anticipate Revenue Vehicle Bond
GHG	Greenhouse Gas
GIS	Geographic Information System
GPTC	Gary Public Transit Corporation
GRP	Gross Regional Product
GSU	Governors State University
HC	Hydrocarbons
HHEI	Headwater Habitat Evaluation Index
HHS	US Department of Health and Human Services
HMTA	Hazardous Materials Transportation Act
HOT	High Occupancy Toll
HOV	High Occupancy Vehicle
HQAR	High Quality Aquatic Resource
HUC	Hydrologic Unit Code
I&M	Illinois and Michigan
IAC	Indiana Administrative Code
IBI	Index of Biotic Integrity
IC	Indiana Code
IDEM	Indiana Department of Environmental Management
IDOT	Illinois Department of Transportation
IEPA	Illinois Environmental Protection Agency
IHPA	Illinois Historic Preservation Agency
IHSSI	Indiana Historic Sites and Structures Inventory
IIBS	Illinois Inventory of Burial Sites
ILCS	Illinois Compiled Statutes
ILOIL	Illinois Oil and Gas Resources
IMTA	Indiana Motor Truck Association
INAI	Illinois Natural Areas Inventory
INDOT	Indiana Department of Transportation
INHS	Illinois Natural History Survey
IO Model	Input Output Model
IPSAWG	Invasive Plant Species Assessment Work Group
INSGS	Indiana State Geological Survey
ISA	Initial Site Assessment
ISAS	Illinois State Archaeological Survey
ISGS	Illinois State Geological Survey
ISM	Illinois State Museum
ISTHA	Illinois State Toll Highway Authority

ITS	Intelligent Transportation Systems
INVEST	Infrastructure Voluntary Evaluation Sustainability Tool
IWPA	Interagency Wetland Policy Act
JATA	Joliet Army Training Area
JADA	Joliet Arsenal Development Authority
KATS	Kankakee Area Transportation Study
KCRPC	Kankakee County Regional Planning Commission
LBP	Lead-based paint
LCDB	Lake County Drainage Board
LID	Low-Impact Development
LOS	Level of Service
LRMP	Land Resource Management Plan
LRTP	Long Range Transportation Plan
LQG	Large Quantity Hazardous Waste Generator
LUST	Leaking Underground Storage Tank
LWCF	Land and Water Conservation Fund Act of 1965
MAP-21	Moving Ahead for Progress in the 21st Century Act
MBTA	Migratory Bird Treaty Act
MMI	Modified Mercalli Intensity
MOA	Memorandum of Agreement
MOU	Memorandum of Understanding
mph	Miles Per Hour
MPO	Metropolitan Planning Organization
MPSD	Municipal Point Source Discharge
MSATs	Mobile Source Air Toxics
MTP	Metropolitan Transportation Plan
N_2O	Nitrous Oxide
NAAQS	National Ambient Air Quality Standard
NAC	Noise Abatement Criteria
NAFTA	North American Free Trade Agreement
NASS	National Agricultural Statistics Service
NCHRP	National Cooperative Highway Research Program
NEG	New Economic Geography
NEPA	National Environmental Policy Act
NESCA	Nongame and Endangered Species Conservation Act
NFIP	National Flood Insurance Program

NFRAP	No Further Remediation Action Planned
NGVD	National Geodetic Vertical Datum
NHL	National Historic Landmark
NHPA	National Historic Preservation Act
NICTD	Northern Indiana Commuter Transit District
NIPC	Northeastern Illinois Planning Commission
NIRo	Northwest Indiana Robotic Telescope
NIRPC	Northwestern Indiana Regional Planning Commission
NO_2	Nitrogen Dioxide
NO_X	Oxides of Nitrogen
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NRI	Nationwide Rivers Inventory
NS	Norfolk Southern Railroad
NWI	National Wetland Inventory
O_3	Ozone
OHWM	Ordinary High Water Mark
ORC	Office of Resource Conservation
OSFM	Office of the Illinois State Fire Marshall
OSLAD	Open Space Land Acquisition and Development
OWR	Office of Water Resources
P3	Public-private partnership
PA	Programmatic Agreement
PAB	Private Activity Bond
PAHs	Polycyclic Aromatic Hydrocarbons
Pb	Lead
PC	Primary Contact
PEM	Palustrine Emergent Wetland
PESA	Preliminary Environmental Site Assessment
PFO	Palustrine Forested Wetland
PHWH	Headwater Habitat
PM	Particulate Matter
PM_{10}	Particulate Matter less than 10 micrometers in diameter
$PM_{2.5}$	Particulate Matter less than 2.5 micrometers in diameter
ppm	parts per million
PSG	Project Study Group
PSS	Palustrine Scrub-Shrub Wetland

PUB	Palustrine Unconsolidated Bottom Wetland
PWSS	Public Water Supply Systems
QHEI	Qualitative Habitat Evaluation Index
RBA	Regional Bus Authority
RCP	Resource Conservation Priorities
RCRA	Resource Conservation and Recovery Act
RCRIS	Resource Conservation and Recovery Information System
RDF	Recycling and Disposal Facility
REC	Recognized Environmental Condition
RF	Radio Frequency
ROD	Record of Decision
ROW	Right of Way
RVM	River Valley Metro
RTA	Regional Transportation Authority
RTP	Regional Transportation Plan
SAFETEA-LU	Safe, Accountable, Flexible, and Efficient Transportation Equity Act: A Legacy for Users
SC	Secondary Contact
SESC	Soil Erosion and Sediment Control
SHAARD	Indiana State Historic Architectural and Archaeological Research Database
SHPO	State Historic Preservation Office
SIB	State Infrastructure Bank
SIP	State Implementation Plan
SLCC	South Lake County Community
SO_2	Sulfur Dioxide
SOV	Single Occupancy Vehicle
SR	State Route
SRP	Site Remediation Program
SSA	South Suburban Airport
SSMMA	South Suburban Mayors and Managers Association
SSURGO	Soil Survey Geographic Database
STAA	Surface Transportation Assistance Act
STIP	Statewide Transportation Improvement Plan
STORET	Storage and Retrieval
SWANCC	Solid Waste Agency of Northern Cook County
SWCD	Soil and Water Conservation District
SWG	State Wildlife Grant
SWPPP	Storm Water Pollution Prevention Plan
SWS	SouthWest Service
TDS	Total Dissolved Solids
TCM	Transportation Control Measure
TEA	Transportation Equity Act

TEU	Twenty-foot Equivalent Units
THT	Truck hours of travel
TIFIA	Transportation Infrastructure Finance and Innovation Act
TIP	Transportation Improvement Program
TMA	Transportation Management Area
TMDL	Total maximum daily load
TRI	Toxic Release Inventory
TSM	Transportation System Management
TSPR	Transportation System Performance Report
TSS	Total Suspended Solids
TTF	Technical Task Force
TUC	Transportation/Utility Corridor
UNT	Unnamed Tributary
UPRR	Union Pacific Railroad
USACE	US Army Corps of Engineers
U.S.C.	US Code
USCG	US Coast Guard
USDA	US Department of Agriculture
USDOT	US Department of Transportation
USEIA	US Energy Information Administration
USEPA	US Environmental Protection Agency
USFS	US Forest Service
USFWS	US Fish and Wildlife Service
USGS	US Geological Survey
UST	Underground Storage Tank
V/C	Volume to capacity
VHT	Vehicle hours of travel
VMT	Vehicle miles of travel
VOC	Volatile Organic Compounds
vpd	Vehicles Per Day
VRP	Voluntary Remediation Program
WAP	Wildlife Action Plan
WCRP	Wildlife Conservation and Restoration Program
WHPA	Wellhead Protection Area
WQC	Water Quality Certification
WQV	Water Quality Volume
WWTP	Waste Water Treatment Plant

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