

I-15 SOUTH

I-15 SOUTH ENVIRONMENTAL ASSESSMENT VOLUME 1

UDOT PROJECT NO. F-I15-1(66)0

**WASHINGTON COUNTY, UTAH
SUBMITTED PURSUANT TO 42 USC 4332(2)(C)**

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION**

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LIST OF ACRONYMS

ADA	American with Disabilities Act of 1990
AASHTO	American Association of State Highway and Transportation Officials
ACHP	Advisory Council on Historic Preservation
APA	Agricultural Protection Areas
APE	Area of Potential Effect
BA	Biological Assessment
BMP	Best Management Practice
CAAA	Clean Air Act Amendments
CEQ	Council on Environmental Quality
CERCLA	Comprehensive Emergency Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
cfs	cubic feet per second
CLOMR	Conditional Letter of Map Revision
CO	Carbon monoxide
CS	Species receiving special management under a Conservation Agreement in order to preclude the need for Federal listing
dBA	A-weighted decibels
DDI	Diverging Diamond Interchange
DERR	Division of Environmental Response and Remediation
DMPO	Dixie Metropolitan Planning Organization
DOEFOE	Determination of Eligibility and Finding of Effect
EA	Environmental Assessment
ECS	Environmental Control Supervisor
EPA	Environmental Protection Agency
ESA	Endangered Species Act
FDP	Floodplain Development Permit
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FPPA	Farmland Protection Policy Act
HCM	Highway Capacity Manual
HCS	Highway Capacity Software
HHS	U.S. Department of Health and Human Services
I-15	Interstate 15
ITS	Intelligent Transportation System
Leq	Equivalent (or average) Noise Level
LOMR	Letter of Map Revision
LOS	level-of-service
LQG	large-quantity generator
LUST	Leaking Underground Storage Tank
LWCFA	Land and Water Conservation Fund Act
mg/L	Milligrams per liter
mg/m ³	Milligrams per cubic meter of air
MOA	Memorandum of Agreement
MOU	Memorandum of Understanding
MP	milepost
mpg	Miles per gallon
mph	Miles per hour
MSAT	Mobile Source Air Toxics
NAAQS	National Ambient Air Quality Standards
NATA	National Air Toxics Assessment

NEPA	National Environmental Policy Act
NFIP	National Flood Insurance Program
NHPA	National Historic Preservation Act of 1966
NRHP	National Register of Historic Places
NO ₂	Nitrogen Dioxide
NPDES	National Pollutant Discharge Elimination System
NRHP	National Register of Historic Places
NTU	nephelometric turbidity unit
O ₃	Ozone
OHWM	ordinary high-water mark
PA	Programmatic Agreement
Pb	Lead
pc/mi/ln	Passenger Cars per Mile per Lane
PCB	Polychlorinated biphenyl
PM _{2.5}	Particulate Matter with a diameter of less than 2.5 micrometers
PM ₁₀	Particulate Matter with a diameter of less than 10 micrometers
POD	Points-of-diversion
ppm	Parts per million
RCRA	Resource Conservation and Recovery Act
RCRIS	Resource Conservation and Recovery Information System
RTP	Regional Transportation Plan
SAFETEA-LU	Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users
SPC	Wildlife Species of Concern
SHPO	State Historic Preservation Office
SIP	State Implementation Plan
SITLA	School and Industrial Trust Lands Administration
SO ₂	Sulfur Dioxide
SPCC	Spill Prevention, Control, and Countermeasures
SPI	Single Point Interchange
SQG	small-quantity generator
STIP	Statewide Transportation Improvement Program
SWPPP	Storm Water Pollution Prevention Plan
TDM	Transportation Demand Management
TMDL	Total Maximum Daily Load
TDS	Total Dissolved Solids
TEA-21	Transportation Equity Act for the 21st Century
TNM	Traffic Noise Model
TRI	Toxics Release Inventory
TSM	Transportation System Management
TSS	Total Suspended Solids
UCA	Utah Code Annotated
UDEQ	Utah Department of Environmental Quality
UDOT	Utah Department of Transportation
UDWR	Utah Division of Wildlife Resources
UGS	Utah Geological Survey
UNHP	Utah Natural Heritage Program
UPDES	Utah Pollutant Discharge Elimination System
USACE	United States Army Corps of Engineers
USC	United States Code
USDOT	United States Department of Transportation
USFWS	United States Fish and Wildlife Service
UST	Underground Storage Tank
vpd	Vehicles per day
VMT	Vehicle miles traveled

$\mu\text{g}/\text{m}^3$ Micrograms per cubic meter
 $^{\circ}\text{C}$ degrees Celsius
 $^{\circ}\text{F}$ degrees Fahrenheit