

## CHAPTER 5

---

### List of Preparers and Reviewers

#### FEDERAL HIGHWAY ADMINISTRATION

**Peggy Casey:** FHWA (Division Office), Program Development Team Leader, 34 years experience with FHWA.

B.S. Civil Engineering: University of Wisconsin, 1975.

**Roopa Banerjee:** FHWA (Division Office), Transportation Engineer, 2 years experience with FHWA.

B.S. Civil Engineering: University of Louisiana, 1992.

#### MISSOURI DEPARTMENT OF TRANSPORTATION

**Allan Zafft:** MoDOT (District 4), Transportation Planning Coordinator, 9 years experience with MoDOT.

M.P.A. Public Administration: University of Nebraska-Omaha, 2003

B.S. Business Administration: University of Nebraska-Lincoln, 1998

**Matt Burcham:** MoDOT (Central Office), Senior Environmental Specialist, 16 years experience with MoDOT.

B.S. Agriculture: Kansas State University, 1984.

**Lee Ann Kell:** MoDOT (District 4), District Planning Manager, 22 years experience with MoDOT.

B.S. Civil Engineering: University of Missouri-Rolla, 1988

**Joshua Scott:** MoDOT (District 4), Senior Highway Designer, 11 years experience with MoDOT.

B.S. Civil Engineering: Iowa State University, 1998

**Gerri Doyle:** MoDOT (District 4), Senior Transportation Planner, 3 years experience with MoDOT.

M.A. Urban Planning: University of Kansas, 1996

B.A. Political Science: William Jewell College, 1991

**Allan Ludiker:** MoDOT (District 4), Transportation Project Manager, 15 years experience with MoDOT.

B.S. Civil Engineering: University of Missouri-Rolla, 1995

**Richard Orr:** MoDOT (District 4), Transportation Project Manager, 16 years experience with MoDOT.

B.S. Civil Engineering: University of Missouri-Kansas City, 1993

**Jeffrey Hardy:** MoDOT (District 4), Transportation Project Manager, 3 years experience with MoDOT.

B.S. Civil Engineering: University of Missouri-Columbia, 1992

B.S. Agricultural Engineering: University of Missouri-Columbia, 1992

**Mark Stock:** MoDOT (District 4), Area Engineer, 26 years experience with MoDOT.

B.S. Civil Engineering: University of Missouri-Rolla, 1984

**Jesse Skinner:** MoDOT (District 4), Area Engineer, 11 years experience with MoDOT.

B.S. Civil Engineering: University of Missouri-Columbia, 1999

**Mary Miller:** MoDOT (District 4), Assistant District Construction and Materials Engineer, 15 years experience with MoDOT.

B.S. Civil Engineering: University of Kansas, 1995

**Steve Porter:** MoDOT (District 4), Senior Community Relations Specialist, 11 years experience with MoDOT.

B.A. English: University of Missouri-Kansas City, 1972

**Timothy Holman:** MoDOT (District 4), Right of Way Manager, 18 years experience with MoDOT.

M.B.A.: William Woods University, 1995

B.A. Business Administration: Missouri Western State College, 1991

**Joe Donner:** MoDOT (District 4), Assistant Right of Way Manager-Certified, 18 years experience with MoDOT.

M.A. Economics: University of Missouri-Kansas City, 1980

B.A. Philosophy: Immaculate Conception Seminary, 1969

**Scott Thurston:** MoDOT (District 4), Certified Appraiser, 6 years experience with MoDOT.

B.A. Business Administration: Mid America Nazarene University, 2001

**Shari Severeid:** MoDOT (District 4), Certified Appraiser, 10 years experience with MoDOT.

**Toni Prawl:** MoDOT (Central Office), Historic Preservation Specialist, 17 years experience with MoDOT.

Ph.D. Art History (Historic Preservation Emphasis): University of Missouri-Columbia, 1994.

M.A. Housing and Interior Design: University of Missouri-Columbia, 1986

B.S. Secondary Education (Vocational Home Economics): Northwest Missouri State University, 1984

B.S. Home Economics (Housing, Interiors, and Related Arts): Northwest Missouri State University, 1984

**Charles Pursley:** MoDOT (Central Office), Design Liaison Engineer, 26 years experience with MoDOT.

B.S. Civil Engineering: University of Missouri-Rolla, 1984

**James Harcourt:** MoDOT (Central Office), Senior Historic Preservation Specialist, 16 years experience with MoDOT.

M.A. Anthropology: University of Arkansas, 1991

B.A. Anthropology: Ithaca College, 1979

**Kevin McHugh:** MoDOT (Central Office), Senior Environmental Specialist, 15 years experience with MoDOT.

M.A. Architectural History: University of Virginia, 1988

B.G.S. Art History: University of Kansas, 1982

**Alan Leary:** MoDOT (Central Office), Senior Environmental Specialist, 8 years experience with MoDOT.

M.S. Biology: Boise State University, 1996

B.S. Wildlife Management and Biology: University of Wisconsin-Stevens Point, 1991

**Laura Ruman:** MoDOT (Central Office), Senior Environmental Specialist, 5 years experience with MoDOT.

M.S.E.S. Applied Aquatic Ecology: Indiana University School of Public and Environmental Affairs, 1999

B.S. Biology: University of Michigan, 1995

**Stan Thessen:** MoDOT (Central Office), Senior Environmental Specialist, 3 years experience with MoDOT.

B.S. Agriculture: Lincoln University, 1993

**Eric Curtit:** MoDOT (Central Office), Long-Range Transportation Planning Coordinator, 15 years with MoDOT.

B.S. Business Administration: Columbia College, 1996

## WILBUR SMITH ASSOCIATES

**Chris Nazar:** Wilbur Smith Associates (Kansas City Office), Senior Environmental Project Manager, 9 years with Wilbur Smith Associates.

M.S. Urban Planning: University of Toronto, 2001

B.A. Economics and Urban Studies: University of Toronto, 1999

**Robert Orr:** Wilbur Smith Associates (Kansas City Office), Kansas City Division Manager, 4 years with Wilbur Smith Associates.

M.S. Geology: University of Missouri, 1998

B.S. Geology: University of Missouri, 1987

B.S. Education: University of Missouri, 1987

**Randy Rowson:** Wilbur Smith Associates (Kansas City Office), Senior Transportation Planner, 12 years with Wilbur Smith Associates.

M.A. Urban and Regional Planning: University of Iowa, 1992

B.A. Economics: University of Northern Iowa, 1989

**Gina Hershberger:** Wilbur Smith Associates (Kansas City Office), Transportation Planner, 4 years with Wilbur Smith Associates.

M.A. Urban Planning: University of Kansas, 2005

B.A. Architectural Studies: University of Kansas, 2007

**Steve Hamadi:** Wilbur Smith Associates (Kansas City Office), Senior Transportation Project Manager, 1.5 years with Wilbur Smith Associates.

B.S. Civil Engineering: University of Missouri-Rolla, 1987

**Tom Engel:** Wilbur Smith Associates (Kansas City Office), Senior Transportation Engineer, 2 years with Wilbur Smith Associates.

B.S. Civil Engineering: Washington University, 1978

**Mary Malone:** Wilbur Smith Associates (Kansas City Office), Staff Assistant II, 3 years with Wilbur Smith Associates.

B.S. Psychology: Rockhurst University, 1980

**Lindsay Maki:** Wilbur Smith Associates (Lansing Office), GIS Analyst/Transportation Planner, 5 years with Wilbur Smith Associates.

B.A. Geography: Michigan State University, 2005

**Jim Koenig:** Wilbur Smith Associates (Lansing Office), Planning Analyst, 3 years with Wilbur Smith Associates.

M.A. City and Regional Planning: The Ohio State University, 2007

B.S. Geography: Eastern Michigan University, 2001

## HNTB

**Charles Miller:** HNTB Corporation (Kansas City Office), Senior Project Manager, 24 years with HNTB.

Ph.D. Civil Engineering: Vanderbilt University, 1999

M.S. Civil Engineering: University of Kansas, 1990

B.S. Civil Engineering: University of Kansas, 1985

**Joe Blasi:** HNTB Corporation (Kansas City Office), Transportation Planning Engineer, 6 years with HNTB.

M.S. Transportation Engineering: Washington University, 2004

B.S. Civil Engineering: Washington University, 2004

**Gretchen Ivy:** HNTB Corporation (Kansas City Office), Project Manager, Environmental Planning, 12 years with HNTB.

M.S. Engineering Management: University of Kansas, 2006

B.S. Civil Engineering: University of Missouri-Columbia, 1998

**Derek Vap:** HNTB Corporation (Kansas City Office), Engineer I – Highway Design, 3 years with HNTB.

M.S. Civil Engineering: University of Missouri-Columbia, 2007

B.S. Civil Engineering: University of Missouri-Columbia, 2006

**Jim Kinder:** HNTB Corporation (Kansas City Office), Senior Project Manager, 24 years with HNTB.

B.S. Civil Engineering: University of Missouri-Columbia, 1986

## VOLKERT AND ASSOCIATES

**J. T. Yarnell:** Volkert & Associates (Jefferson City Office), Senior Associate, 3 years with Volkert & Associates.

B.S. Civil Engineering: University of Kansas, 1965

**Bridgett Jacquot:** Volkert & Associates (Collinsville Office), Environmental Manager, 3 years with Volkert & Associates.

M.S. Environmental Studies: Southern Illinois University-Edwardsville, 1999

B.S. Environmental Biology: Eastern Illinois University, 1997

## MUSTARDSEED CULTURAL AND ENVIRONMENTAL SERVICES

**Timberlyn Smith:** Mustardseed Cultural and Environmental Services, President/Environmental Program Manager, 7 years with Mustardseed Cultural and Environmental Services.

M.A. Biology: University of Missouri-Kansas City, 1984

B.A. Biology and B.A. Chemistry: William Jewell College, 1979

**Ike Francis:** Mustardseed Cultural and Environmental Services, Vice President/Cultural Resource Manager, 7 years with Mustardseed Cultural and Environmental Services.

Ph.D. Anthropology: Oxford University, 1986

M.S. Archaeology: Oxford University, 1982

B.S. Archaeology: Oxford University, 1980

## ENVIRONMENTAL ADVISORS & ENGINEERS

**Alan Mitchell:** Environmental Advisors and Engineers, Inc., Environmental Engineer, 5 years with EAE, Inc.

B.S. Engineering: Southern Illinois University, 1983

**Mark A. Griffith:** Environmental Advisors and Engineers, Inc., Environmental Scientist/Senior Ecologist, 12 years with EAE, Inc.

M.A. Environmental Studies: University of Kansas, 1989

B.A. Environmental Studies: University of Kansas, 1977

**Gale Wright:** Environmental Advisors and Engineers, Inc., Senior Environmental Engineer, 12 years with EAE, Inc.

M.S. Sanitary Engineering: University of Missouri-Columbia, 1970

B.S. Civil Engineering: University of Missouri-Columbia, 1968

**Jill Biesma:** Environmental Advisors and Engineers, Inc., President, 12 years with EAE, Inc.

M.S. Civil Engineering - Water Resources: Colorado State University, 1987

B.S. Civil Engineering: South Dakota State University, 1981

**Linda Batrick:** Environmental Advisors and Engineers, Inc., Chemical Engineer, 6 years with EAE, Inc.

B.S. Chemical Engineering: University of Missouri-Columbia, 1982

## **STAPLETON LAW**

**John Stapleton, Jr.:** Stapleton Law Firm, 20 years with Stapleton Law Firm.

J.D. Law: St. Louis University, 1986

M.A. Regional and Community Planning: Kansas State University, 1982

B.S. Psychology: Kansas State University, 1978

## **PATTI BANKS ASSOCIATES**

**Triveece Harvey:** Patti Banks Associates (PBA), Project Manager, 4 years with PBA.

M.A. Urban Planning: University of Kansas, 2002

B.A. Architectural Studies: University of Kansas, 2000

## CHAPTER 6

---

## Circulation List

### U. S. Senators

Christopher S. Bond  
Claire McCaskill

### U. S. Representatives

Emanuel Cleaver

### Governor

Jeremiah Nixon

### State Senators

Matt Bartle  
Victor Callahan

### State Representatives

Leonard Hughes IV  
Paul LeVota  
Tom McDonald  
Mike Talboy  
Shalonn Curls

### Federal Government Agencies

Advisory Council on Historic Preservation  
Centers for Disease Control and Prevention, National Center for Environmental Health  
Department of Energy  
Department of Health and Human Resources  
Federal Emergency Management Agency  
Federal Railroad Administration  
U.S. Army Corps of Engineers  
U.S. Coast Guard, Bridge Branch  
U.S. Department of Agriculture/NRCS  
U.S. Department of Housing and Urban Development  
U.S. Department of the Interior  
U.S. Department of the Interior, National Park Service, Midwest Field Area  
U.S. Environmental Protection Agency  
U.S. Environmental Protection Agency, Region VII  
U.S. Fish and Wildlife Service

### **State Government Agencies**

Missouri Department of Conservation  
Missouri Department of Conservation, Regional Forestry  
Missouri Department of Natural Resources  
Missouri Federal Assistance Clearinghouse  
Missouri NRCS Clay and Jackson Field Office  
Missouri Emergency Management Agency  
State Historic Preservation Office

### **Local Agencies**

City of Independence, Missouri  
City of Kansas City, Missouri  
City of Kansas City, Missouri Planning and Development  
Independence Chamber of Commerce  
Independence Council for Economic Development  
Independence Economic Development Corporation  
Jackson County - County Executive Office  
Jackson County - Public Works  
Kansas City Chamber of Commerce  
Kansas City Economic Development Corporation

### **Other Agencies and Special Interest Groups**

Black Chamber of Commerce  
Hispanic Chamber of Commerce  
Kansas City Area Transit Authority  
Kansas City SmartPort  
Local Initiatives Support Corporation (LISC)  
Mid-America Regional Council  
Regional Transit Alliance

## CHAPTER 7

---

### List of Acronyms

AADT	Average Annual Daily Traffic
AASHTO	American Association of State Highway Officials
ACHP	Advisory Council of Historic Preservation
ADA	American Disability Act
APE	Area of Potential Effect
BMPs	Best Management Practices
BRT	Bus Rapid Transit
CAA	Clean Air Act
CAAP	Clean Air Action Plan
CBD	Central Business District
CE	Categorical Exclusion
CERCLIS	Federal Comprehensive Environmental Response Compensation and Liability Information System
CID	Community Improvement District
CSA	Combined Statistical Area
CWA	Clean Water Act
DEIS	Draft Environmental Impact Statement
DOT	Department of Transportation
EA	Environmental Assessment
EIS	Environmental Impact Statement
EPA	Environmental Protection Agency
ESA	Endangered Species Act
FEIS	Final Environmental Impact Statement
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FIS	Flood Insurance Study
FTEIS	First Tier Environmental Impact Statement
GIS	Geographic Information Systems
GPS	Global Positioning System
HCS	Highway Capacity Software
HOT	High Occupancy Toll lanes
HOV	High Occupancy Vehicle lanes
HUC	Hydrologic Unit Code
KC Metro	Kansas City Metropolitan Area
KCATA	Kansas City Area Transit Authority
LOS	Level of Service

LQG	Large Quantity Generator
L RTP	Long Range Transportation Plan
LWCF	Land and Water Conservation Fund
MARC	Mid-America Regional Council
MDC	Missouri Department of Conservation
MERIC	Missouri Economic Research and Information Center
MIS	Major Investment Study
MLS	Multiple Listing Service
MoDNR	Missouri Department of Natural Resources
MoDOT	Missouri Department of Transportation
MSA	Metropolitan Statistical Area
MSATs	Mobile Source Air Toxics
NAAQS	National Ambient Air Quality Standards
NAC	Noise Abatement Criteria
NEPA	National Environmental Policy Act
NFRAP	No Further Remediation Action Planned
NRCS	Natural Resource Conservation Service
NRHP	National Register of Historic Places
NWI	National Wetland Inventory
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Conditions
ROD	Record of Decision
SEMA	State Emergency Management Agency
SHPO	State Historic Preservation Office
SIU	Section of Independent Utility
SWPPP	Soil and Water Pollution Prevention Plan
TDM	Transportation Demand Management
TESS	Threatened and Endangered Species System
TIF	Tax Increment Financing
TMDL	Total Maximum Daily Load
TMP	Traffic Management Plan
TNM	Traffic Noise Model
TOD	Transit Oriented Development
TSDF	Treatment, Storage, or Disposal Facility
TSM	Transportation System Management
USACE	United States Army Corps of Engineers
USDA	United States Department of Agriculture
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
VAU	Visual Assessment Unit
VMT	Vehicle Miles Traveled
VOC	Volatile Organic Compound

## CHAPTER 8

---

## References

American Public Transportation Association. Web page: <http://www.apta.com>.

City of Kansas City, Missouri Assessed Value and Actual Value of Taxable Property Last Ten Fiscal Years.

Economic Development Corporation of Kansas City, Missouri (EDC). Web page: <http://www.edckc.com>.

Environmental Protection Agency. Web page: <http://www.epa.gov/air/criteria>.

Federal Emergency Management Agency Floodplain GIS data. Web page: <http://www.fema.gov/hazard/flood/info.shtm>.

FHWA Planning, Environment, and Realty. Web page: <http://www.fhwa.dot.gov/planning>.

Guidelines for Analysis and Abatement of Traffic Noise. Texas Department of Transportation, 1996.

Home Builders Association of Greater Kansas City. Web page: <http://www.kchba.com>.

Independence Missouri Heritage Commission. Web page: <http://www.ci.independence.mo.us/comdev>.

Jackson County Comprehensive County Report. Local Assessed Values. State Tax Commission of Missouri.

Jackson County Historical Society Archives. Web page: <http://www.jchs.org/archives/archives.html>.

Kansas City Area Transportation Authority. Web page: <http://www.kcata.org>.

Kansas City Missouri (local) Historic Register. Web page: <http://www.kcmo.org/CKCMO/Depts/CityPlanningandDevelopment/CitywidePlanning/HistoricPreservation/index.htm>

Kansas City Regional Commercial Vehicle Origin and Destination Survey, Station 676 I-70 (Kansas). ETC Institute, September 2008.

Kansas City Regional Transit Alliance. Web page: <http://www.kctransit.org>.

Kansas City Scout. Web page: <http://www.kcscout.net>.

Kansas City Smartport. Web page: <http://www.kcsmartport.com>.

Kansas City, Missouri Landmarks Commission. Web page: [http://kansascity.citysearch.com/profile/5827600/kansas\\_city\\_mo/landmarks\\_commission.html](http://kansascity.citysearch.com/profile/5827600/kansas_city_mo/landmarks_commission.html).

kcICON I-29/35 Access Justification Request, North Kansas City and Kansas City Clay and Jackson Counties Missouri, HNTB, March 2007.

Mid-America Regional Council's Metro Dataline. Web page: <http://www.metrodataline.org>.

Midwest Research Institute. Web page: <http://www.mriresearch.org>.

Missouri Department of Conservation Natural Heritage Database. Web page: <http://www.mdc.mo.gov/nathis/heritage>.

Missouri Department of Conservation. Web page: <http://www.mdc.mo.gov>.

Missouri Department of Economic Development. Web page: <http://www.ded.mo.gov/>.

Missouri Department of Elementary and Secondary Education School Finance Section December 31, 2007 AV Reported on the County Clerk Report. Web page: <http://dese.mo.gov/index.html>

Missouri Department of Natural Resources, State Historic Preservation Office. Web page: <http://www.dnr.mo.gov/shpo>.

Missouri Department of Natural Resources. Web page: <http://www.dnr.mo.gov>.

National Association of Realtors Multiple Listing Service. Web page: <http://www.realtors.com>.

National Register of Historic Places. Web page: <http://www.nps.gov/nr/research>.

National Wetlands Inventory. Web page: <http://www.fws.gov/wetlands>.

Northland/Downtown Major Investment Study Preferred Strategy Report Summary, HNTB and Parsons Brinckerhoff, September 2002.

Office of Community Planning and Development - HUD. Web page:  
<http://www.hud.gov/offices/cpd>.

The National Highway System. Web page: <http://www.fhwa.dot.gov/planning/nhs>.

The 2007 Urban Mobility Report. Texas Transportation Institute, The Texas A&M University System. Web page: <http://mobility.tamu.edu>.

U.S. Army Corps of Engineers. Web page: <http://www.usace.army.mil>.

U.S. Census Bureau, Census 2000. Web page: <http://www.census.gov>.

U.S. Department of Agriculture. Web page: <http://www.usda.gov>.

U.S. Fish and Wildlife Services Threatened and Endangered Species Systems (TESS). Web page:  
[http://www.ecos.fws.gov/tess\\_public](http://www.ecos.fws.gov/tess_public).

U.S. Fish and Wildlife Services. Web page: <http://www.fws.gov>.