

**APPENDIX B:  
References**

## Executive Summary

[FHWA] Federal Highway Administration

- 2009 “Manual on Uniform Traffic Control Devices”.  
[http://mutcd.fhwa.dot.gov/pdfs/2009/pdf\\_index.htm](http://mutcd.fhwa.dot.gov/pdfs/2009/pdf_index.htm).

## Chapter 1

[C.F.R.] Code of Federal Regulations

- 49 C.F.R. Part 1180. Railroad Acquisition, Control, Merger, Consolidation Project, Trackage rights, and Lease Procedure

[U.S.C.] United States Code

- 49 U.S.C. §§ 11323. Consolidation, Merger, and Acquisition of Control

## Chapter 2

[CSXT] CSXT Transportation

- 2011 “LIRC Easement Information Request.” June 1, 2011.

## Chapter 3

### Grade Crossing Delay

[Board or STB] Surface Transportation Board

- 2008 “Canadian National Railway Company and Grand Trunk Corporation-Control-EJ&E West Company.” STB Finance Docket No. 35087. STB served December 24, 2008.  
[http://www.stb.dot.gov/decisions/readingroom.nsf/UNID/B1B6DF4C67DDFAB2852575290057CDE4/\\$file/39537.pdf](http://www.stb.dot.gov/decisions/readingroom.nsf/UNID/B1B6DF4C67DDFAB2852575290057CDE4/$file/39537.pdf).

City of Columbus

- 2004 “Traffic Counts.” <http://www.columbus.in.gov/engineering/traffic-counts/>.

City of Indianapolis

- 2003 “Indianapolis Property Site Locator & Market Data Resource Center.”  
<http://imaps.indygov.org/ed/>.

[CSXT] CSXT Transportation

- 2011 “LIRC Easement Information Request.” June 1, 2011.

**[FHWA] Federal Highway Administration**

- 2002 “Guidance of Traffic Control Devices at Highway-Rail Grade Crossings.” Highway/Rail Grade Crossing Technical Working Group.  
<http://scote.transportation.org/Documents/twgreport.pdf>.

**[FRA] Federal Railroad Administration**

- 1986-2002 “Crossing Inventory Reports”. Office of Safety Analysis.  
<http://safetydata.fra.dot.gov/OfficeofSafety/publicsite/crossing/crossing.aspx>.

**Google Earth**

- 2001-2008 <http://www.google.com/earth/index.html>.

**[INDOT] Indiana Department of Transportation**

- 2009 “2009 Average Daily Traffic and Commercial Vehicles Interactive Map.”  
<http://dotmaps.indot.in.gov/apps/trafficcounts/>.
- 2011 “Functional Classification Maps.”  
[http://dotmaps.indot.in.gov/apps/PlanningDataViewer/FC\\_Maps/FC\\_listing.asp](http://dotmaps.indot.in.gov/apps/PlanningDataViewer/FC_Maps/FC_listing.asp).

**[Indianapolis MPO] Indianapolis Metropolitan Planning Organization**

- 2010 “Traffic Counts Maps. 2010 HPMS Traffic Count Map.”  
<http://www.indympo.org/Data/Maps/Pages/TrafficCountMaps.aspx>.

**Stanford Research Institute**

- 1974 “Guidebook for Planning to Alleviate Urban Railroad Problems.” Prepared for the Federal Railroad Administration and the Federal Highway Administration. August 1974, RP-31, Volume 3, Appendix C.

**[TRB] Transportation Research Board**

- 2010 “Highway Capacity Manual.” Fifth Edition. Transportation Research Board 209. Washington D.C.

**Grade Crossing Safety****[AAR] Association of American Railroads**

- 2006 “Recommended Railroad Operating Practices for Transportation of Hazardous Materials.” Circular No. OT-55-I (CPC-1174, Supplement No. 1).  
[http://www.aar.com/boe/download/circular\\_ot-55-i\\_supplement1.pdf](http://www.aar.com/boe/download/circular_ot-55-i_supplement1.pdf).

**[Board or STB] Surface Transportation Board**

- 2008 “Canadian National Railway Company and Grand Trunk Corporation-Control-EJ&E West Company.” STB Finance Docket No. 35087. STB served December 24, 2008.  
<http://www.stb.dot.gov/Decisions/readingroom.nsf/WEBUNID/61898F9CAD3C7508525748E006688AC?OpenDocument>.

## [C.F.R.] Code of Federal Regulations

- 29 C.F.R. § 1910.120. Hazardous Waste Operations and Emergency Response
- 40 C.F.R. Part 263. Standards Applicable to Transporters of Hazardous Waste
- 49 C.F.R. Part 171. General Information, Regulations, and Definitions
- 49 C.F.R. Part 172. Hazardous Materials Table, Special Provisions, Hazardous Materials Communications, Emergency Response Information, Training Requirements, and Security Plans
- 49 C.F.R. Part 173. Shippers – General Requirements for Shipments and Packagings
- 49 C.F.R. Part 174. Carriage by Rail
- 49 C.F.R. Part 175. Carriage by Aircraft
- 49 C.F.R. Part 176. Carriage by Vessel
- 49 C.F.R. Part 177. Carriage by Public Highway
- 49 C.F.R. Part 178. Specifications for Packagings
- 49 C.F.R. Part 179. Specifications for Tank Cars
- 49 C.F.R. Part 180. Continuing Qualification and Maintenance of Packagings
- 49 C.F.R. Part 213. Track Safety Standards.
- 49 C.F.R. § 213.9. Classes of Track: Operating Speed Limits.

## [FRA] Federal Railroad Administration

- 1987 “Summary of the DOT Rail-Highway Crossing Resource Allocation Procedure-Revised.” Office of Safety Analysis. Report No. DOT/FRA/OS-87/05. June 1987.
- 1994 “Highway-Rail Crossing Accident/Incident Inventory Bulletin”. Office of Safety, RRS-22. No. 17. <http://ntl.bts.gov/DOCS/bull94.html>.
- 2011a “Railroad Safety Data.” Office of Safety Analysis. <http://safetydata.fra.dot.gov/officeofsafety/publicsite/Query/statsSas.aspx>.
- 2011b “Crossing Inventory Reports”. Office of Safety Analysis. <http://safetydata.fra.dot.gov/OfficeofSafety/publicsite/crossing/crossing.aspx>.

## Johnson County Highway Department

- 2011 Letter from Mr. Lucas M. Mastin, Director, Johnson County Highway Department, to Mr. Mark Wollschlager, Senior Vice President, HDR Engineering, Inc., regarding CSXT – Acquisition and Upgrade of Louisville Indiana Railroad Preliminary Draft Environmental Assessment Comments. 22 August, 2011.

**Emergency Response**

## [CSXT] CSXT Transportation

- 2011 “LIRC Easement Information Request.” June 1, 2011.

**[FRA] Federal Railroad Administration**

- 2011 “Crossing Inventory Reports”. Office of Safety Analysis.  
<http://safetydata.fra.dot.gov/OfficeofSafety/publicsite/crossing/crossing.aspx>.

**Google**

- 2011 Google Maps. <http://maps.google.com/maps?hl=en&tab=wl>.

**Community Resources and Land Use****Bing**

- 2011 Bing Maps. Public facilities within 0.25-miles of either side of the Proposed Transaction. <http://www.bing.com/maps/?FORM=Z9LH4>.

**[C.F.R.] Code of Federal Regulations**

- 40 C.F.R. §1502.16(c). Environmental Consequences

**ESRI**

- 2006 “Data & Maps for ArcGIS.” <http://www.esri.com/data/data-maps/index.html>.

**[FHWA] Federal Highway Administration**

- 1996 “Community Impact Assessment: A Quick Reference for Transportation.” FHWA-PD-96-036; HEP 30/8-96(10M) ). Washington, DC.  
[http://www.ciatrans.net/CIA\\_Quick\\_Reference/Purpose.html](http://www.ciatrans.net/CIA_Quick_Reference/Purpose.html).

**Google**

- 2011 Google Maps. <http://maps.google.com/maps?hl=en&tab=wl>.

**Columbus/Bartholomew Planning Department**

- 2002 “Columbus, Indiana Comprehensive Plan – Land Use Plan Element.” Adopted June 5, 2002.  
<http://www.columbus.in.gov/cityofcolumbus/index.cfm/linkservid/69607323-1231-3D16-E90003E746293D7E/showMeta/0/>.
- 2003 “Bartholomew County Comprehensive Plan Element II – Land Use Plan.” City of Columbus – Bartholomew Planning Department. Adopted February 3, 2003.  
<http://www.columbus.in.gov/cityofcolumbus/index.cfm/linkservid/699769AC-1231-3D16-E900571F57BC04FA/showMeta/0/>.

**Indianapolis Metropolitan Planning Organization**

- 2001 “Update of the Indianapolis Regional Transportation Plan for 2025.” Prepared by The Corradino Group.  
[http://www.indy.gov/eGov/City/DMD/Planning/Docs/Transportation/regional\\_trans\\_plan\\_tp01.pdf](http://www.indy.gov/eGov/City/DMD/Planning/Docs/Transportation/regional_trans_plan_tp01.pdf).

**Johnson County Government**

- 2010 “Plan the Land 2030.” Johnson County Comprehensive Plan. Adoption Draft: January 2010. <http://www.co.johnson.in.us/Draft10.pdf>.

**Socioeconomics****[C.F.R.] Code of Federal Regulations**

40 C.F.R. §1508.14. Human Environment

**U.S. Census Bureau**

- 2000 “Table P1, Total Population.” American Fact Finder.  
<http://factfinder2.census.gov/main.html>.
- 2010 “Table P1, Total Population.” American Fact Finder.  
<http://factfinder2.census.gov/main.html>.

**U.S. Department of Labor**

- 2013 “Local Area Unemployment Statistics: Unemployment Rates for Metropolitan Areas.” <http://www.bls.gov/lau/#tables>.

**Topography, Geology, and Soils****[IDEM] Indiana Department of Environmental Quality**

- 2011 “Virtual File Cabinet.” <http://www.in.gov/idem/6551.htm>.

**[USDA-NRCS] U.S. Department of Agriculture-Natural Resources Conservation Service**

- 2009 “Summary Report: 2007, National Resources Inventory.” Natural Resources Conservation Service, Washington, DC, and Center for Survey Statistics and Methodology, Iowa State University, Ames, Iowa. 123pp.

**[USEPA] U.S. Environmental Protection Agency**

- 2011 EnviroMapper. <http://www.epa.gov/envirofw/emef/>.

## Water Resources

[FEMA] Federal Emergency Management Agency

- 2010 “Frequently Asked Questions.” Modified 11 August, 2010.  
[http://www.fema.gov/plan/prevent/fhm/fq\\_genin.shtm](http://www.fema.gov/plan/prevent/fhm/fq_genin.shtm).

[IDEM] Indiana Department of Environmental Quality

- 2010 “2010 Draft 303(d) List of Impaired Waters.” Table Att11\_2010 Draft 303d (Cat 5).  
<http://www.in.gov/idem/nps/2647.htm>.
- 2011 “Groundwater Availability.” <http://www.in.gov/dnr/water/3650.htm>.

Indiana Administrative Code

- 327 Indiana Administrative Code 8-4.1, Rule 4.1, “Wellhead Protection.” pp. 271-281. <http://www.in.gov/legislative/iac/T03270/A00080.PDF>.

Indiana Register

- 2013 Natural Resources Commission, Information Bulletin #17 (Second Amendment).  
<http://www.in.gov/legislative/iac/20120801-IR-312120434NRA.xml.pdf>.

Kentucky Administrative Regulations

- 401 Kentucky Administrative Regulation 4:220. Water Supply Plan Requirements.  
<http://www.lrc.ky.gov/kar/401/004/220.htm>.

Palmquist, Jr., W. N. and F. R. Hall

- 1960 Availability of Ground Water in Bullitt, Jefferson, and Oldham Counties, Kentucky. Published by the U.S. Geological Survey. Prepared in cooperation with the Commonwealth of Kentucky and the Kentucky Geological Survey, University of Kentucky. Hydrologic Investigations, Atlas HA-22. Washington, D.C.  
<http://kgs.uky.edu/kgsweb/download/wrs/ha22.pdf>.

[USACE] U.S. Army Corps of Engineers

- 2011 Email from Ms. Leslie Estill, Project Manager, North Section, Regulatory, Louisville USACE District, to Mr. Mark Wollschlager, Senior Vice President, HDR Engineering, Inc., regarding Finance Docket No. 35523, CSX Transportation, Inc. - Acquisition- Louisville Indiana Railroad Company (UNCLASSIFIED). 8 August, 2011.

[U.S.C.] U.S. Code

- 1974 42 U.S.C. § 300f *et seq.* Safe Drinking Water Act.

## U.S. Coast Guard

- 2011 Email from Ms. Shelley R. Miller, Attorney Advisor, D8 Waterways Management, to Mr. Mark Wollschlager, Senior Vice President, HDR Engineering, Inc., regarding Flatrock River. 15 August, 2011.

## [USGS] U.S. Geological Survey

- 2011 “National Hydrography Dataset.” National Hydrography Dataset for HUC 071200. Modified on 25 May 2011. <http://nhd.usgs.gov/>.

**Biological Resources**

## Ahlstedt, Steven

- 1984 “Recovery Plan for the Rough Pigtoe Pearly Mussel, *Pleurobema plenum* (Lea, 1840).” U.S. Fish and Wildlife Service, Region 4, Atlanta, Georgia. 51 pp.
- 1985 “Recovery Plan for the Pink Mucket Pearly Mussel; *Lampsilis orbiculata* (Hildreth, 1828).” U.S. Fish and Wildlife Service, Region 4, Atlanta, Georgia. 47 pp.

## American Ornithologists' Union

- 1983 “Check-list of North American Birds.” Sixth Edition. Allen Press, Inc., Lawrence, Kansas. 877 pp.

## Baird, Michael S.

- 2000 “Life History of the Spectaclecase, *Cumberlandia monodonta* Say, 1829 (Bivalvia, *Unionoidea*, *Margaritiferidae*)”. Southwest Missouri State University, Springfield, Missouri. May 2000. 108 pp.  
<http://courses.missouristate.edu/ChrisBarnhart/Documents/theses/Baird2000.pdf>.

## Baker, Frank C.

- 1928 “The Freshwater Mollusca of Wisconsin: Part II: Pelecypoda.” Bulletin of the Wisconsin Geological and Natural History Survey, University of Wisconsin, Vol. 70, No. 2, 495 pp.

## Becker, George C.

- 1983 “The Fishes of Wisconsin.” University of Wisconsin Press, Madison, Wisconsin. 1052 pp. <http://www.seagrant.wisc.edu/greatlakesfish/becker.html>.

## Biggins, Richard G.

- 1991 “Recovery Plan Fanshell (*Cyprogenia stegaria* (=c. *Irrorata*)).” U.S. Fish and Wildlife Service, Region 4. Atlanta, GA. 37 pp.

Bogan, Arthur E. and Paul W. Parmalee

- 1983 "Tennessee's Rare Wildlife: Volume II: The Mollusks." Report to the Tennessee Natural Heritage Program and Tennessee Wildlife Resources Agency, Nashville, Tennessee. 123 pp.

Buchanan, Alan C.

- 1980 "Mussels (naiades) of the Merrimac River Basin." Missouri Department of Conservation, Aquatic Series, 17: 1-68.

Call, Richard E.

- 1900 "A Descriptive Illustrated Catalogue of the Mollusca of Indiana." 24<sup>th</sup> Annual Report of the Indiana Department of Geology and Natural Resources, 24: 335-535.

Clarke, Arthur H.

- 1985 "The Tribe Alasmidontini (Unionidae: Anodontinae), Part II: Lasmigona and Simpsonais." Smithsonian Contributions to Zoology, No. 399. 75pp.

[CSXT] CSXT Transportation

- 2011 "LIRC Easement Information Request." June 1, 2011.

Cummings, Kevin S. and Christine A. Mayer

- 1992 "Field Guide to Freshwater Mussels of the Midwest." Illinois Natural History Survey Manual 5, Illinois. 194 pp.
- 1995 "The Distribution and Status of Six Federally Endangered Freshwater Mussels (Unionidae) in Illinois." Final Report Prepared for the Illinois Department of Conservation, Division of Natural Heritage. Illinois Natural History Survey, Center for Biodiversity Technical Report, 1995(7): 1-32.

Cummings, Kevin S., Michael E. Retzer, Christine A. Mayer, and Lawrence M. Page

- 1990 "Life History Aspects and Status of the Federally Endangered Fat Pocketbook, *Potamilus capax* (Green, 1832) (Mollusca: Unionidae) in the Lower Wabash River, Illinois and Indiana". Illinois Natural History Survey, Center for Biodiversity, Technical Report, 1990(1): 1-37.

Dennis, Sally D.

- 1984 "Distributional Analysis of the Freshwater Mussel Fauna of the Tennessee River System, with Special Reference to Possible Limiting Effects of Siltation". Ph.D. Thesis. Virginia Polytechnic Institute and State University, Blacksburg, Virginia. 494 pp.
- 1985a "Distributional Analysis of the Freshwater Mussel Fauna of the Tennessee River System, with Special Reference to Possible Limiting Effects of Siltation." Tennessee Wildlife Resources Agency Report, No. 85-2, Nashville. 171 pp.

- 1985b “A Recovery Plan for the Fat Pocketbook Pearly Mussel *Potamilus capax* (Green 1832).” Prepared by Ecological Consultants, Inc., Shawsville, Virginia, for USFWS Southeast Region, Atlanta, Georgia. 21 pp. 4 October, 1985.  
[http://www.fws.gov/midwest/mussel/documents/fat\\_pocketbook\\_recovery\\_plan.pdf](http://www.fws.gov/midwest/mussel/documents/fat_pocketbook_recovery_plan.pdf).

#### Ducks Unlimited

- 2011 “Upper Mississippi River.”  
<http://www.ducks.org/conservation/upper-mississippi-river>.

#### Endangered Species Information Exchange

- 1996 “Species Id ESIS404007. Virginia Tech Fish and Wildlife Information Exchange.

#### [FR] Federal Register

- 1976 “Title 50 – Wildlife and Fisheries, Chapter 1 – United States Fish and Wildlife Service, Department of the Interior, Part 17 – Endangered and Threatened Wildlife and Plants, Endangered Status for 159 Taxa of Animals.” Rules and Regulations. FR, Vol. 41, June 14, 1976, pp. 24062-24067.  
[http://ecos.fws.gov/docs/federal\\_register/fr103.pdf](http://ecos.fws.gov/docs/federal_register/fr103.pdf).
- 1990a “Endangered and Threatened Wildlife and Plants; Designation of the Freshwater Mussel, the Fanshell as an Endangered Species.” FR, Vol. 55, No. 120, pp. 25591-25596.
- 1990b “Endangered and Threatened Wildlife and Plants; Designation of the Freshwater Mussel, the Ring Pink Mussel as an Endangered Species.” FR, Vol. 54, No. 188, pp. 40109-40112.

#### Fun City Finder

- 2011 “Pigeon Roost Massacre State Historic Site in Scottsburg, Indiana.” Written by Erin N. Riley. <http://indianapolis-indiana.funcityfinder.com/2010/04/20/pigeon-roost-massacre-state-historic-site-in-scottsburg-indiana/>.

#### Gelwick, Frances P.

- 2000 “Microhabitat Use and Community Structure of Fishes Downstream of the Proposed George Parkhouse I and Marvin Nichols I Reservoir Sites on the Sulphur River, Texas.” Report to the Texas Water Development Board. 124 pp.

#### Gordon, Mark E. and James B. Layzer

- 1989 “Mussels (Bivalvia: Unionoidea) of the Cumberland River Review of Life Histories and Ecological Relationships.” Tennessee Cooperative Fishery Research Unit. USFWS Research and Development, Volume 2, Issue 89. 99 pp.

Hickman, Mary E.

- 1937 "A Contribution to the Mollusca of Eastern Tennessee." Master of Science Thesis, University of Tennessee, Knoxville, Tennessee. 165 pp.

Hocutt, Charles H. and E. O. Wiley

- 1986 "The Zoogeography of North American Freshwater Fishes." John Wiley and Sons, New York, New York. 866 pp.

Howard, Arthur D.

- 1915 "Some Exceptional Cases of Breeding Among the Unionidae." *The Nautilus* 29(1):4-11.

[IC] Indiana Code

- 1973 IC 14-22-34. Indiana Nongame and Endangered Species Act  
1967 IC 14 31 1. Nature Preserves Act

[IDEM] Indiana Department of Environmental Management

- 2011 Email from Mr. Brad Baughn, Business and Legislative Liaison, Indiana Department of Environmental Management, to Mr. Mark Wollschlager, Senior Vice President, HDR Engineering, Inc., regarding Indiana Department of Environmental Management EA Review [sic]. 1 August, 2011.

Indiana Administrative Code

- 312 Indiana Administrative Code Article 9, Fish and Wildlife.  
<http://www.in.gov/legislative/iac/T03120/A00090.PDF>.

[INDNR] Indiana Department of Natural Resources

- 2011 a "Falls of the Ohio." <http://www.in.gov/dnr/parklake/2984.htm>.  
2011b "Clark State Forest." <http://www.in.gov/dnr/forestry/4827.htm>.  
2011c "Where to Hunt - Indiana's Public Hunting Areas." [http://www.in.gov/dnr/fishwild/files/fw-hg\\_wherehunt.pdf](http://www.in.gov/dnr/fishwild/files/fw-hg_wherehunt.pdf).  
2011d "Outdoor Indiana - Division of Communications." <http://www.in.gov/dnr/public/julaug05/story4.html>.  
2011e "List of Endangered, Threatened, & Rare Species by County." <http://www.in.gov/dnr/naturepreserve/4666.htm>.

[KDFWR] Kentucky Department of Fish and Wildlife Resources

- 2011 "County List State Threatened, Endangered, and Special Concern Species Information." <http://fw.ky.gov/kfwis/speciesInfo/countyListSpecies.asp>.

## Kentucky Administrative Regulations

301 Kentucky Administrative Regulation 3:061. Endangered Species of Fish and Wildlife. <http://www.lrc.ky.gov/kar/301/003/061.htm>.

## [KY DEP] Kentucky Department for Environmental Protection

2011 Letter from Mr. Larry C. Taylor, State Environmental Review Officer, Energy and Environment Cabinet, Kentucky Department for Environmental Protection, to Mr. Mark Wollschlager, Senior Vice President, HDR Engineering, Inc., regarding Finance Docket No. 35523, CSX Transportation, Inc. - Acquisition- Louisville Indiana Railroad Company (SERO 2011-28). 31 July, 2011.

## Kentucky Transportation Cabinet

2011 Email from Mr. Jeremy R. Edgeworth, Freight, Rail, and Waterways Coordinator, Division of Planning, Kentucky Transportation Cabinet, to Mr. Mark Wollschlager, Senior Vice President, HDR Engineering, Inc., regarding Finance Docket No. 35523, CSX Transportation, Inc. - Acquisition- Louisville Indiana Railroad Company. 27 July, 2011.

## Laudermilk, Ellis L.

2006 "A Survey for Kentucky *Pseudanophthalmus* (Coleoptera: Carabidae: Trichinae) Species Considered Candidates For Listing by the U. S. Fish and Wildlife Service." Kentucky State Nature Preserves Commission, Frankfort, Kentucky. 15 pp.

## Mettee, Maurice F., Patrick E. O'Neil, and Thomas E. Shepard

1995 "Status Survey of Gulf Sturgeon *Acipenser oxyrinchus desotoi* and Alabama Shad *Alosa alabamae* in the Choctawhatchee, Conecuh, and Alabama River Systems, 1992-95." Geological Survey of Alabama open-file report. 30 pp.

## Miller, Andrew C., Barry S. Payne, and Terry Siemsen

1986 "Description of the habitat of the endangered mussel *Plethobasus cooperianus*." The Nautilus, 100(1): 14-17

## Mirarchi, Ralph E., Jeffrey T. Garner, Maurice F. Mettee, and Patrick E. O'Neil

2004 "Alabama Wildlife, Volume 2: Imperiled Aquatic Mollusks and Fishes." University of Alabama Press, Tuscaloosa, Alabama. 256 pp.

## NatureServe

2003 "NatureServe Explorer: An Online Encyclopedia of Life [web application]." Version 1.8. NatureServe, Arlington, Virginia. <http://www.natureserve.org/explorer>.

2011 "NatureServe Explorer: An Online Encyclopedia of Life." Version 7.1. NatureServe, Arlington, Virginia. <http://www.natureserve.org/explorer>.

Neel, Joe K. and William R. Allen

- 1964 “The Mussel Fauna of the Upper Cumberland Basin before Its Impoundment.”  
Malacologia, 1(3): 427-459.  
<http://www.biodiversitylibrary.org/title/12920#page/457/mode/1up>.

Nekola, Jeffrey C.

- 2009 “Conservation Prioritization of the Ontario and Quebec Land Snail Faunas.” Final Report submitted to Committee on the Status of Endangered Wildlife in Canada (COSEWIC). 8 June 2009. 120 pp.  
<http://sev.lternet.edu/~jnekola/nekola%20pdf/cosewic%20final%20report.pdf>.

North American Migration Flyways

- 2011 “The Flyway Systems – Mississippi Flyway”.  
<http://www.birdnature.com/flyways.html>.

Oesch, Ron D.

- 1984 “Missouri Naiades: a Guide to the Mussels of Missouri.” Jefferson City, Missouri: Conservation Commission of the State of Missouri. 270 pp.

Ortmann, Arnold E.

- 1919 “Monograph of the Naiades of Pennsylvania. Part III. Systematic Account of the Genera and Species.” Memoirs of the Carnegie Museum, 8(1): 1-385.

Parmalee, Paul W.

- 1967 “The Fresh-water Mussels of Illinois.” Illinois State Museum, Popular Science Series Vol. VIII. 108pp.

Parmalee, Paul W. and Arthur E. Bogan

- 1998 “The Freshwater Mussels of Tennessee.” The University of Tennessee Press, Knoxville, Tennessee. 328 pp.

Purdue University

- 2011 “Indiana Soils: Evaluation and Conservation Online Manual.”  
[http://www.agry.purdue.edu/soils\\_judging/new\\_manual/ch1-factors.html](http://www.agry.purdue.edu/soils_judging/new_manual/ch1-factors.html).

Raithel Christopher

- 1991 “American Burying Beetle (*Nicrophorus americanus*) Recovery Plan.” Prepared by the Rhode Island Division of Fish and Wildlife, West Kingston, Rhode Island. 76 pp.  
<http://www.fws.gov/southdakotafieldoffice/ABBRcoveryPlan.pdf>.

## Rlephoto

- 2011 “Northern Metalmark (*Calephelis borealis*).”  
[http://www.rlephoto.com/metalmarks/metalmark\\_northern01.htm](http://www.rlephoto.com/metalmarks/metalmark_northern01.htm).

## Stiles, F. Gary and Alexander F. Skutch

- 1989 “A Guide to the Birds of Costa Rica.” Cornell University Press, Ithaca, New York, USA. 511 pp.

## [U.S.C.] U.S. Code

- 1918 16 U.S.C. §§ 703–712. Migratory Bird Treaty Act  
 1934 16 U.S.C. §§ 661–667c. Fish and Wildlife Coordination Act  
 1973 16 U.S.C. §§ 1531–1544. Endangered Species Act

## [USFWS] U.S. Fish and Wildlife Service

- 1991 “Recovery Plan for the Ring Pink Mussel, *Obovaria retusa*.” U.S. Fish and Wildlife Service, Region 4, Atlanta, Georgia. 24 pp.
- 1997a “American Burying Beetle Fact Sheet.” Prepared July 1997. Updated 19 July, 2011.  
[http://www.fws.gov/midwest/endangered/insects/ambb/abb\\_fact.html](http://www.fws.gov/midwest/endangered/insects/ambb/abb_fact.html).
- 1997b “Endangered Species – Gray Bat (*Myotis grisescens*) Fact Sheet.” Created 18 September, 1997. Updated 14 September, 2010.  
[http://www.fws.gov/midwest/Endangered/mammals/grbat\\_fc.html](http://www.fws.gov/midwest/Endangered/mammals/grbat_fc.html).
- 1997c “Clubshell (*Pleurobema clava*).” Created November 1997.  
[http://www.fws.gov/midwest/endangered/clams/clubs\\_fc.html](http://www.fws.gov/midwest/endangered/clams/clubs_fc.html).
- 1997d “Fanshell (*Cyprogenia stegaria*).” Created in 1997. Updated 12 October 2011.  
[http://www.fws.gov/midwest/endangered/clams/fansh\\_fc.html](http://www.fws.gov/midwest/endangered/clams/fansh_fc.html).
- 1997e “Fat pocketbook (*Potamilus capax*).” Created November 1997. Updated 12 October 2011. [http://www.fws.gov/midwest/endangered/clams/fatpo\\_fc.html](http://www.fws.gov/midwest/endangered/clams/fatpo_fc.html).
- 1997f “Ring Pink (*Obovaria retusa*) Fact Sheet.” Created November 1997. Updated 9 March, 2011. [http://www.fws.gov/midwest/Endangered/clams/ringp\\_fc.html](http://www.fws.gov/midwest/Endangered/clams/ringp_fc.html).
- 1997g “Pink mucket (*Lampsilis orbiculata*) Fact Sheet.” Created November 1997. Updated 9 March, 2011. [http://www.fws.gov/midwest/endangered/clams/pinkm\\_fc.html](http://www.fws.gov/midwest/endangered/clams/pinkm_fc.html).
- 2007 “Endangered Species – Indiana Bat, Finding on Petition to Revise Critical Habitat – Questions and Answers.” Created March 2007. Updated 9 March, 2011.  
[http://www.fws.gov/midwest/Endangered/mammals/inba/inba\\_chpetfindg\\_qandas.html](http://www.fws.gov/midwest/Endangered/mammals/inba/inba_chpetfindg_qandas.html).
- 2010a “U.S. Fish and Wildlife Service – Species Assessment and Listing Priority Assignment Form.” Annual review conducted by Dr. Michael A. Floyd, Kentucky Field Office. March 2010.  
[http://www.fws.gov/ecos/ajax/docs/candforms\\_pdf/r4/I0JD\\_I01.pdf](http://www.fws.gov/ecos/ajax/docs/candforms_pdf/r4/I0JD_I01.pdf).

- 2011a “Indiana County Distribution of Federally-Listed Threatened, Endangered, Proposed, and Candidate Species.” List revised January 2011. Last updated 8 August, 2011. <http://www.fws.gov/midwest/endangered/lists/indiana-cty.html>.
- 2011b “Current List of Kentucky's Threatened, Endangered, and Federal Candidate Species List by County-Jefferson County”. Kentucky Ecological Services Field Station. <http://www.fws.gov/frankfort/docs/FWS%202008%20SPP%20LIST.xls>.
- 2011c “Endangered Species – Section 7 Consultation: Operation and Maintenance of the Upper Mississippi River 9-Foot Channel, Interior Least Tern.” Updated 9 March, 2011. <http://www.fws.gov/midwest/endangered/section7/tern.html>.
- 2011d “Endangered Species – Indiana Bat (*Myotis sodalis*).” Updated 22 August, 2011. <http://www.fws.gov/midwest/Endangered/mammals/inba/index.html>.
- 2011e “2009 (revised) Rangewide Population Estimate for the Indiana Bat (*Myotis sodalis*) by USFWS Region.” 5 pp. <http://www.fws.gov/midwest/Endangered/mammals/inba/pdf/2009inbaRangewidePopJuly2011.pdf>.
- 2011f Letter from Mr. Scott E. Pruitt, Field Supervisor, USFWS Bloomington Field Office, to Mr. Mark Wollschlager, Senior Vice President, HDR Engineering, Inc. 28 July, 2011.
- 2011g “Endangered Species – Sheepnose (a freshwater mussel), *Plethobasus cyphyus*.” Updated 9 March, 2011. <http://www.fws.gov/midwest/endangered/clams/sheepnose/SheepnoseFactSheetJan2011.html>.
- 2011h “Endangered Species – Rayed Bean (*Villosa fabalis*) Fact Sheet.” Updated 9 March, 2011. <http://www.fws.gov/midwest/endangered/clams/rayedbean/RayedBeanFactSheetNov2010.html>.
- 2011i “Status Assessment for Three Imperiled Mussel Species: Spectaclecase (*Cumberlandia monodonta*), Sheepnose (*Plethobasus cyphyus*), and Rayed Bean (*Villosa fabalis*).” Mollusk Subgroup, Ohio River Valley Ecosystem Team. [http://www.fws.gov/orve/online\\_symposium\\_three\\_mussels.html](http://www.fws.gov/orve/online_symposium_three_mussels.html).
- 2011j “Endangered Species – Rayed Bean and Snuffbox Mussels, Endangered and Threatened Wildlife and Plants; Listing the Rayed Bean and Snuffbox as Endangered.” Proposed Rule. 50 C.F.R. Part 17, Docket No. FWS-R3-ES-2010-0019, MO 92210-0-0008-B2. Updated 9 March, 2011. [http://www.fws.gov/midwest/endangered/clams/rayedbean/FR\\_PropRuleList\\_RayedBeanSnuffboxNov2010.html](http://www.fws.gov/midwest/endangered/clams/rayedbean/FR_PropRuleList_RayedBeanSnuffboxNov2010.html).
- 2011k “Endangered Species – Rough Pigtoe (*Pleurobema plenum*).” Updated 9 March, 2011. [http://www.fws.gov/midwest/endangered/clams/rough\\_fc.html](http://www.fws.gov/midwest/endangered/clams/rough_fc.html).
- 2011l “Endangered Species – Runing Buffalo Clover Revised Recovery Plan.” Updated 9 May, 2011. [http://www.fws.gov/midwest/Endangered/plants/RBC\\_RPlanJune07.html](http://www.fws.gov/midwest/Endangered/plants/RBC_RPlanJune07.html).

## [USGS] U.S. Geological Survey

- 2011 “Migration of Birds – Routes of Migration”. Modified 3 August, 2006.  
<http://www.npwrc.usgs.gov/resource/birds/migratio/routes.htm>.

## Watters, G. Thomas

- 1994 “Clubshell (*Pleurobema clava*) and Northern Riffleshell (*Epioblasma torulosa rangiana*) Recovery Plan.” Prepared by the Division of Wildlife, Ohio Department of Natural Resources, Columbus, Ohio, for U.S. Fish and Wildlife Service, Hadley, Massachusetts. 63 pp. <http://www.fws.gov/northeast/nyfo/es/clubshell.pdf>.

## Watters, G. Thomas, Michael A. Hoggarth, and David H. Stansbery

- 2009 “The Freshwater Mussels of Ohio.” Ohio State University Press: Columbus, Ohio. 421 pp.  
<http://www.ohiostatepress.org/books/Book%20PDFs/Watters%20Freshwater.pdf>.

## Whitaker, John O. Jr., Lori Pruitt, and Scott Pruitt

- 2001 “The Gray Bat, *Myotis grisescens*, in Indiana. (Statistical Data Included).” Proceedings of the Indiana Academy of Science.  
<http://www.highbeam.com/doc/1G1-83518039.html>.

## Air Quality and Climate

## [C.F.R.] Code of Federal Regulations

- 40 C.F.R. Part 93, Subpart B. Determining Conformity of General Federal Actions to State or Federal Implementation Plans

## [Board or STB] Surface Transportation Board

- 2008 “Canadian National Railway Company and Grand Trunk Corporation-Control-EJ&E West Company.” STB Finance Docket No. 35087. STB served December 24, 2008.  
[http://www.stb.dot.gov/decisions/readingroom.nsf/UNID/B1B6DF4C67DDFAB2852575290057CDE4/\\$file/39537.pdf](http://www.stb.dot.gov/decisions/readingroom.nsf/UNID/B1B6DF4C67DDFAB2852575290057CDE4/$file/39537.pdf).

## [CSXT] CSXT Transportation

- 2011 “LIRC Easement Information Request.” June 1, 2011.

## [FHWA] Federal Highway Administration

- 2006 “Interim Guidance on Air Toxic Analysis in NEPA Documents.” Air Quality, Transportation, and Toxic Air Pollutants. Updated on 14 September, 2010.  
[http://www.fhwa.dot.gov/environment/air\\_quality/air\\_toxics/policy\\_and\\_guidance/100109guidmem.cfm](http://www.fhwa.dot.gov/environment/air_quality/air_toxics/policy_and_guidance/100109guidmem.cfm).

## [FR] Federal Register

- 2007 “Control of Hazardous Air Pollutants from Mobile Sources”. Rule by USEPA. Final Rule. FR Vol. 72, No. 37, February 26, 2007, pp. 8428–8476.  
<http://www.epa.gov/EPA-AIR/2007/February/Day-26/a2667a.pdf>.

## [IDEM] Indiana Department of Environmental Quality

- 2011 IDEM operates the official (for NAAQS attainment determination) air monitoring stations in Bartholomew, Clark, Jackson, Johnson, Marion, Scott, and Shelby Counties, Indiana

## [KY DEP] Kentucky Department for Environmental Protection

- 2011 The Louisville Metro Air Pollution Control District operates monitors in Jefferson County, Kentucky

## Kentucky Climate Center

- 2011 “Climate.” Department of Geography and Geology, Western Kentucky University.  
<http://kyclim.wku.edu/climatography.html>.

## Midwestern Regional Climate Center

- 2011a “Historical Climate Data – Temperature Summary, Station: 124259 Indianapolis WSFO AP, IN; 1971-2000 NCDC Normals.”  
[http://mcc.sws.uiuc.edu/climate\\_midwest/historical/temp/in/124259\\_tsum.html](http://mcc.sws.uiuc.edu/climate_midwest/historical/temp/in/124259_tsum.html).
- 2011b “Historical Climate Data – Precipitation Summary, Station: 124259 Indianapolis WSFO AP, IN; 1971-2000 NCDC Normals.”  
[http://mcc.sws.uiuc.edu/climate\\_midwest/historical/precip/in/124259\\_psum.html](http://mcc.sws.uiuc.edu/climate_midwest/historical/precip/in/124259_psum.html).
- 2011c “Historical Climate Data – Snowfall Summary, Station: 124259 Indianapolis WSFO AP, IN; 1971-2000 NCDC Normals.”  
[http://mcc.sws.uiuc.edu/climate\\_midwest/historical/snow/in/124259\\_ssum.html](http://mcc.sws.uiuc.edu/climate_midwest/historical/snow/in/124259_ssum.html).
- 2011d “Historical Climate Data – Temperature Summary, Station: 154954 Louisville WSO Airport, KY; 1971-2000 NCDC Normals.”  
[http://mcc.sws.uiuc.edu/climate\\_midwest/historical/temp/ky/154954\\_tsum.html](http://mcc.sws.uiuc.edu/climate_midwest/historical/temp/ky/154954_tsum.html).
- 2011e “Historical Climate Data – Precipitation Summary, Station: 154954 Louisville WSO Airport, KY; 1971-2000 NCDC Normals.”  
[http://mcc.sws.uiuc.edu/climate\\_midwest/historical/precip/ky/154954\\_psum.html](http://mcc.sws.uiuc.edu/climate_midwest/historical/precip/ky/154954_psum.html).
- 2011f “Historical Climate Data – Snowfall Summary, Station: 154954 Louisville WSO Airport, KY; 1971-2000 NCDC Normals.”  
[http://mcc.sws.uiuc.edu/climate\\_midwest/historical/snow/ky/154954\\_ssum.html](http://mcc.sws.uiuc.edu/climate_midwest/historical/snow/ky/154954_ssum.html).

## Scheeringa, Ken

- 2002 “About Indiana Climate.” Iclimate.org, Purdue University. Originally published in Climatography of the United States No. 60 in November 1976 by the National Climatic Data Center. <http://iclimate.org/narrative.asp>.

## [U.S.C] U.S. Code

42 U.S.C. 7409. National Primary and Secondary Ambient Air Quality Standards.

## [USEPA] U.S. Environmental Protection Agency

- 2008a “The Green Book Nonattainment Areas for Criteria Pollutants.” Updated 21 April, 2011. <http://www.epa.gov/air/oaqps/greenbk/>.
- 2008b “Criteria Pollutants, 1-Hour Ozone Standard.” *Green Book*. Updated 21 April, 2011. <http://www.epa.gov/air/oaqps/greenbk/o3co.html#Ozone>.
- 2008c “Heat Island Effect.” Updated 3 May, 2011. <http://www.epa.gov/hiri/index.html>.
- 2008d “EPA Finalizes More Stringent Emissions Standards for Locomotives and Marine Compression-Ignition Engines.” Regulatory Announcement. EPA 420-F-08-004. March 2008. Updated 11 January, 2011. <http://www.epa.gov/nonroad/420f08004.htm>.
- 2009 “Heat Island Effect – Research.” Updated 9 February, 2009. <http://www.epa.gov/heatisd/research/index.htm>.
- 2011 “National Ambient Air Quality Standards (NAAQS).” Air and Radiation. Updated on 18 April, 2011. <http://www.epa.gov/air/criteria.html>.

## Executive Office of the President

- 2011 Office of Management and Budget. Washington D.C. 2 September 2011. [http://www.whitehouse.gov/sites/default/files/ozone\\_national\\_ambient\\_air\\_quality\\_standards\\_letter.pdf](http://www.whitehouse.gov/sites/default/files/ozone_national_ambient_air_quality_standards_letter.pdf).

**Noise and Vibration**

## [Board or STB] Surface Transportation Board

- 2003 “CSX Corporation and CSX Transportation Inc., Norfolk Southern Corporation and Norfolk Southern Railway Company-Control and Operating Leases/Agreements-Conrail Inc.and Consolidated Rail Corporation”. Finance Docket No. 33388. STB served November 5, 2003.
- 2008 “Final Environmental Impact Statement for the Proposed Canadian National Railway Company Acquisition of the Elgin, Joliet, and Eastern Railway Company.” Office of Environmental Analysis. STB Finance Docket No. 35087. STB served July 25, 2008. <http://www.stb.dot.gov/decisions/readingroom.nsf/WebDecisionID/39537?OpenDocument>.
- 2011 “Alaska Railroad Corporation Construction and Operation of a Rail Line Extension to Port MacKenzie, Alaska.” STB Finance Docket No. 35095. STB served March 25, 2011. <http://www.stb.dot.gov/decisions/readingroom.nsf/WEBUNID/16624FD94F614F548525785C006B8BFD?OpenDocument>.

## [CEQ] Council on Environmental Quality

- 1970 “Environmental Quality: the First Annual Report of the Council on Environmental Quality.” Washington, DC: U.S. Government Printing Office.

## [C.F.R.] Code of Federal Regulations

- 49 C.F.R. Part 222. Use of locomotive horns at public highway-rail grade crossings.  
49 C.F.R. Part 229. Railroad locomotive safety standards  
49 C.F.R. §1105.7 (e)(6). Noise

## [FRA] Federal Railroad Administration

- 2005a “Final Rule on the Use of Locomotive Horns at Highway-Rail Grade Crossings.”  
<http://www.fra.dot.gov/rpd/freight/1318.shtml>.  
2011b FRA Horn Noise Model. <http://www.fra.dot.gov/Pages/254.shtm>.

## [FTA] Federal Transit Administration

- 2006 “Transit Noise and Vibration Impact Assessment.” FTA-VA-90-1003-03,  
[http://www.fta.dot.gov/documents/FTA\\_Noise\\_and\\_Vibration\\_Manual.pdf](http://www.fta.dot.gov/documents/FTA_Noise_and_Vibration_Manual.pdf).

## [ISO] International Organization for Standardization

- 1996 Standard 9613-2, "Acoustics – Attenuation of sound during propagation outdoors – Part 2: General method of calculation." Adopted in 1996.

**Energy Resources**

## [Board or STB] Surface Transportation Board

- 2011 “Class I Railroad Annual Report to the Surface Transportation Board for the Year Ending December 31, 2010.”

## [Clark et al.] Clark, Nigel N., ABM S. Khan, Gregory J. Thompson, W. Scott Wayne, Mridul Gautam, and Donald W. Lyons

- 2005 “Idle Emissions from Heavy-Duty Diesel Vehicles.” Center for Alternative Fuels, Engines, and Emissions, Department of Mechanical and Aerospace Engineering, West Virginia University.  
[http://www1.eere.energy.gov/vehiclesandfuels/pdfs/deer\\_2005/poster1/2005\\_deer\\_clark.pdf](http://www1.eere.energy.gov/vehiclesandfuels/pdfs/deer_2005/poster1/2005_deer_clark.pdf).

## [Gaines et al.] Gaines, Linda, Anant Vyas, and John L. Anderson

- 2006 “Paper No. 06-2567, Estimation of Fuel Use by Idling Commercial Trucks.” Center for Transportation Research, Argonne National Laboratory, University of Chicago.  
<http://www.transportation.anl.gov/pdfs/TA/373.pdf>.

## Cultural Resources

### Delaware Nation

- 2011 Email from Mr. Jason Ross, Museum/Section 106 Assistant, Cultural Preservation Department, Delaware Nation, to Mr. Mark Wollschlager, Senior Vice President, HDR Engineering, Inc., regarding Finance Docket No. 35523, CSX Transportation, Inc. 20 July, 2011.

### Kentucky Heritage Council

- 2011 Email from Ms. Vicki M. Birenberg, Transportation Historic Architecture Review Coordinator, Kentucky Heritage Council, to Mr. Mark Wollschlager, Senior Vice President, HDR Engineering, Inc., regarding Finance Docket No. 35523, CSX Transportation, Inc. - Acquisition- Louisville Railroad Company. 1 August, 2011.

### [NPS] National Park Service

- 1966 “National Historic Preservation Act.”  
<http://www.nps.gov/history/local-law/nhpa1966.htm>.

### Peoria Tribe of Indians of Oklahoma

- 2011 Email from Mr. John P. Froman, Peoria Tribe of Indians of Oklahoma, to Mr. Mark Wollschlager, Senior Vice President, HDR Engineering, Inc., regarding Finance Docket No. 35523, CSX Transportation, Inc. - Acquisition- Louisville Indiana Railroad Company. 9 August, 2011.

## Environmental Justice

### [CEQ] Council on Environmental Quality

- 1997 “Environmental Justice, Guidance under the National Environmental Policy Act.” Executive Office of the President. <http://ceq.hss.doe.gov/nepa/regs/ej/justice.pdf>.

### [CSXT] CSXT Transportation

- 2011 “LIRC Easement Information Request.” June 1, 2011.

### [EO] Executive Order

EO 12898. Federal Actions to Address Environmental Justice in Minority Populations and Low Income Populations.

### U.S. Census Bureau

- 2000a “Table P53, Median Household Income in 1999 (Dollars)” and “Table P87, Poverty Status in 1999 by Age”. American Fact Finder.  
<http://factfinder2.census.gov/main.html>.
- 2010 “Table P2, Hispanic or Latino, and Not Hispanic or Latino by Race.” American Fact Finder. <http://factfinder2.census.gov/main.html>.

U.S. Department of Health and Human Services

- 2011 “The 2011 HHS Poverty Guidelines, One Measure of the [U.S.] Federal Poverty Measure.” Federal Register, Vol. 76, No. 13, January 20, 2011, pp. 3637-3638.  
<http://aspe.hhs.gov/poverty/11fedreg.shtml>.

## Cumulative Effects

[C.F.R.] Code of Federal Regulations

- 40 C.F.R. §1508.7. Cumulative Impact  
40 C.F.R. §1508.8. Effects

[INDOT] Indiana Department of Transportation

- 2011 “Indiana’s 2010-2035 Draft Long-Range Transportation Plan.” Capital Program Management Business Unit. Draft Version 29 March, 2011.  
<http://www.in.gov/indot/div/pubs/LRPMMain032911-2.pdf>.

Kentucky Transportation Cabinet

- 2006 “Long Range Statewide Transportation Plan.” Division of Planning.  
<http://transportation.ky.gov/Planning/Pages/Long-Range-Statewide-Transportation-Plan.aspx>.

## Chapter 4

[AAR] Association of American Railroads

- 2006 “Recommended Railroad Operating Practices for Transportation of Hazardous Materials.” Circular No. OT-55-I (CPC-1174, Supplement No. 1).  
[http://www.aar.com/boe/download/circular\\_ot-55-i\\_supplement1.pdf](http://www.aar.com/boe/download/circular_ot-55-i_supplement1.pdf).

[C.F.R.] Code of Federal Regulations

- 23 C.F.R. Part 655. Traffic Operations  
40 C.F.R. Part 92. Control of Air Pollution from Locomotive and Locomotive Engines  
40 C.F.R. Part 263. Standards Applicable to Transporters of Hazardous Waste

[FHWA] Federal Highway Administration

- 2007 “FHWA’s Manual on Uniform Traffic Control Devices.” <http://mutcd.fhwa.dot.gov/>.

## Appendix A

[C.F.R.] Code of Federal Regulations

- 40 C.F.R. §1508.16. Lead Agency.