



Appendix **F**

Appendix F: References

Durham-Orange Light Rail Transit Project



August 2015

References

- AASHTO. 2011. *Practitioner's Handbook: Assessing Indirect Effects and Cumulative Impacts Under NEPA*. April 2011.
- ASTM. 2005. ASTM E1527-05, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. ASTM International, West Conshohocken, PA. www.astm.org.
- Burt, William H. and Richard P. Grossenheider. 1976. *A Field Guide to the Mammals of North America*, Third Edition. The Peterson Field Guide Series. Boston, MA.
- CALTRANS. 1983. *Energy and Transportation Systems*. July 1983.
- CAMPO and DCHC MPO. 2009. *2035 Long Range Transportation Plan*. May 13, 2009.
- CAMPO and DCHC MPO. 2013. *2040 Metropolitan Transportation Plans*. May 8, 2013.
- CATS. 2011. *Final Environmental Impact Statement, LYNX Blue Line Extension, Northeast Corridor Light Rail Project, Charlotte-Mecklenburg County, North Carolina*. Prepared by the Federal Transit Administration U.S. Department of Transportation and Charlotte Area Transit System. August 29, 2011.
- CEQ. 1997. *Considering Cumulative Effects under the National Environmental Policy Act*. Council on Environmental Quality. January 1997.
- CEQ. 2005. "Guidance on the Consideration of Past Actions in Cumulative Effects Analysis." Memorandum from James L. Connaughton to Heads of Federal Agencies. June 24, 2005.
- CEQ. 2005. *Regulations for Implementing the Procedural Provisions of the National Environmental Policy Act*.
- City of Durham & Durham County. 2007. *Greenhouse Gas and Criteria Air Pollutant Emissions Inventory and Local Action Plan for Emission Reductions*. September 12, 2007.
- City of Durham. 2011. *G.S. 160A-537 (B) Report: For downtown Durham Municipal Service District*.
- City of Durham. 2013. *City of Durham Parks and Recreation Master Plan 2013*. Adopted August 19, 2013.
- City of Durham. 2014. "Parks and Recreation Department." <http://durhamnc.gov/ich/op/prd/Pages?Home.aspx>.
- Coulter Associates. 1991. *New Hope Corridor Open Space Master Plan*. Prepared for City of Durham, Durham County, Orange County, and Town of Chapel Hill. April 1991.
- DA and EPA. 1990. Memorandum of Agreement Between The Department of the Army and The Environmental Protection Agency: The Determination of Mitigation under the Clean Water Act Section 404(b)(1) Guidelines. February 6, 1990.
- DCHC MPO. 2011. *NC 54/I-40 Corridor Study Transportation-Land Use Master Plan*. December 2011.
- DOE. 2014. *Transportation Energy Data Book: Edition 33*. ORNL-6990. July 2014.
- DOT. 1979. *Floodplain Management and Protection*. DOT Order 5650.2. April 23, 1979.
- DOT. 2012. *Department of Transportation Actions to Address Environmental Justice in Minority Populations and Low-Income Populations*. DOT Order 5610.2(a). May 2, 2012.

- Downtown Durham Inc. 2008. *Downtown Durham Master Plan: 7-year Review & Updated Work Plan*. January 2008.
- DPACNC. 2014. "DPAC Finishes 2013 with #4 National Ranking." January 10, 2014.
<http://www.dpacnc.com/news/detail/dpac-finishes-2013-with-4-national-ranking>.
- DTCC. 2011. *Durham Technical Community College Fact Book*.
<http://durhamtech.edu/html/aboutdt/2011FactBook.pdf>.
- Duke University. 2000. *Duke University Campus Master Plan*. May 2000.
http://www.architect.duke.edu/planning/master_plan.html.
- Duke University. 2013. *Duke University Illustrative Master Plan Update, The 2024 Plan*.
<http://www.architect.duke.edu/images/Illustrative%20MP%202024%20Plan%20for%20web.pdf>
May 10, 2013.
- Duke University. 2015. "Quick Facts About Duke." <http://newsoffice.duke.edu/all-about-duke/quick-facts-about-duke>.
- Durham City-County Planning Department. 2010. *Durham Design Manual*. Revised April 7, 2010.
- Durham City-County Planning Department. 2011. *Design Guidelines for Public & Public/Private Buildings*. Adopted November 5, 2009. Revised October 19, 2011.
- Durham City-County Planning Department. 2011. *Durham Trails and Greenways Master Plan*. Updated 2011.
- Durham City-County Planning Department. 2014. *Durham Comprehensive Plan*. Amended June 2, 2014.
- Durham County. 1999. *The Durham County Inventory of Important Natural Areas, Plants and Wildlife*.
- Durham County. 2011. *Durham County Bus and Rail Investment Plan*. June 2011.
- EPA. 1992. *Guideline for Modeling Carbon Monoxide from Roadway Intersections*. EPA-454/R-92-005. November 1992.
- EPA. 1999. *Consideration of Cumulative Impacts in EPA Review of NEPA Documents*. U.S. Environmental Protection Agency, Office of Federal Activities. EPA 315-R-99-002. May 1999.
- EPA. 2010. *Using MOVES in Project Level Carbon Monoxide Analyses*. EPA-420-B-10-041. December 2010.
- FAA. 2006. *Environmental Impacts: Policies and Procedures*. FAA Order 1050.1E. March 20, 2006.
- FAA. 2006. *National Environmental Policy Act (NEPA) Implementing Instructions for Airport Actions*. FAA Order 5050.4B. April 28, 2006.
- FAA. 2007. *Hazardous Wildlife Attractants on or near Airports*. FAA Advisory Circular 150/5200-33B. August 28, 2007.
- FAA. 2014. *Airport Design*. FAA Advisory Circular 150/5300-13A. February 26, 2014.
- FHWA. 1981. *Visual Impact Assessment for Highway Projects*. U.S. Department of Transportation, Federal Highway Administration, Office of Environmental Policy, Washington, DC. Publication No. FHWA-HI-88-054.

- FHWA. 1986. "Esthetics and Visual Quality Guidance Information." Memorandum to Regions. August 18, 1986.
- FHWA. 1987. *Guidance for Preparing and Processing Environmental and Section 4(f) Documents*. Technical Advisory T 6640.8A. October 30, 1987.
- FHWA. 1992. *Secondary and Cumulative Impact Assessment in the Highway Project Development Process*. Federal Highway Administration Project Development Branch, HEP-31. April 1992.
- FHWA. 2003. "Interim Guidance: Questions and Answers Regarding the Consideration of Indirect and Cumulative Impacts in the NEPA Process." Memorandum from Frederick Skaer, Director, Office of NEPA Facilitation, to Resource Center Managers. January 31, 2003.
- FHWA. 2012. *Manual on Uniform Traffic Control Devices for Streets and Highways*. 2009 Edition with Revisions 1 and 2 dated May 2012.
- FHWA. 2012. *Section 4(f) Policy Paper*. U.S. Department of Transportation Federal Highway Administration. July 20, 2012.
- FHWA. 2013. *New York Gateway Connections Improvement Project to the US Peace Bridge Plaza Draft Design Report/Environmental Impact Statement*. November 15, 2013.
- Florida, Richard. 2013. "America's Most Productive Metros." <http://www.citylab.com/work/2013/10/americas-most-productive-metros/7041/>. October 2013.
- FTA. 2006. *Transit Noise and Vibration Impact Assessment*. Report Number FTA-VA-90-1003-06. May 2006.
- FTA. 2007. *2006 National Transit Database*. <http://www.ntdprogram.gov/ntdprogram/data.htm>.
- FTA. 2007. *Safety and Security Management Guidance for Major Capital Projects*. FTA Circular 5800.1. August 1, 2007.
- FTA. 2008. *Grant Management Requirements*. FTA Circular 5010.1D. November 1, 2008.
- FTA. 2008. *Procedures and Technical Methods for Transit Project Planning*. Draft Version 3.
- FTA. 2009. *Reporting Instructions for the Section 5309 New Starts Criteria*. Prepared by Federal Transit Administration Office of Planning and Environment. July 2009.
- FTA. 2011. *Project and Construction Management Guidelines*. July 2011.
- FTA. 2012. "Use of FHWA Section 4(f) Policy Paper." Memorandum from Lucy Garliauskas to FTA Regional Managers. November 9, 2012.
- FTA. 2012. *Environmental Justice Policy, Guidance for Federal Transit Administration Recipients*. FTA Circular 4703.1. August 15, 2012.
- FTA. 2013. *New and Small Starts Evaluation and Rating Process Final Policy Guidance*. August 14, 2013.
- Greenways Incorporated Team. 2006. *Durham Comprehensive Bicycle Transportation Plan*. Prepared for City and County of Durham, North Carolina.
- HNTB North Carolina, P.C. 1998. *US 15-501 Major Investment Study Phase I Report*.
- HNTB North Carolina, P.C. 2001. *US 15-501 Major Investment Study Phase II Report*. December 2001.

- ICF Consulting. 2005. *Executive Order 13274 Indirect and Cumulative Impacts Work Group Draft Baseline Report*. March 15, 2005.
- Martof, B.S., W.M. Palmer, J.R. Bailey, and J.R. Harrison, III. 1980. *Amphibians and Reptiles of the Carolinas and Virginia*. The University of North Carolina Press, Chapel Hill, North Carolina. 264 pp.
- NC OneMap GeoSpatial Portal. 2013. "North Carolina Game Lands – September 2013." <http://data.nconemap.com/geoportal/catalog/main/home.page>. September 1, 2013.
- NCCU. 2007. *North Carolina Central University 2007 Campus Master Plan Update*.
- NCCU. 2015. "Quick Facts." <http://www.nccu.edu/discover/quickfacts.cfm>.
- NCDENR, NCDOT, and USACE. 2003. "Memorandum of Agreement among the North Carolina Department of Environment and Natural Resources, the North Carolina Department of Transportation, and the U.S. Army Corps of Engineers, Wilmington District." July 22, 2003.
- NCDENR. 2007. *Redesignation Demonstration and Maintenance Plan for The Raleigh-Durham-Chapel Hill, North Carolina 8-Hour Ozone Nonattainment Area*. Prepared by the North Carolina Department of Environment and Natural Resources Division of Air Quality. June 7, 2007.
- NCDENR. 2007. *Stormwater Best Management Practices Manual*. North Carolina Department of Environment and Natural Resources. July 2007.
- NCDENR. 2009. *Erosion and Sediment Control Planning and Design Manual*. March 2009.
- NCDENR. 2012. *Best Management Practices Manual*. December 5, 2012.
- NCDENR. 2013. *2011 Ambient Air Quality Report*. Ambient Monitoring Section Report #2013.01. September 2013.
- NCDOT. 2003. *Policy on Street and Driveway Access to North Carolina Highways*. July 2003.
- NCDOT. 2012. *Complete Streets Planning and Design Guidelines*. July 2012.
- NCDOT. 2012. *Congestion Management Capacity Analysis Guidelines*. January 1, 2012.
- NCDOT. 2015. "North Carolina's Amtrak." Accessed January 2015. <http://www.ncbytrain.org/>.
- NCEEP. 2001. *Watershed Restoration Plan for the Cape Fear River Basin*.
- NCEEP. 2004. *Morgan and Little Creeks Local Watershed Plan*. North Carolina Ecosystem Enhancement Program. September 2004.
- NCEEP. 2010. *Neuse River Basin Restoration Priorities 2010*.
- NCNHP. 2014. Heritage Data Search. Orange and Durham Counties, North Carolina. <http://www.ncnhp.org/web/nhp/database-search>.
- NFPA. 2014. *NFPA 130: Standard for Fixed Guideway Transit and Passenger Rail Systems*.
- NPS. 2015. National Park Service, LWCF, Project List by County and Summary Reports. <http://waso-lwcf.nrc.nps.gov/public/index.cfm>.
- Orange County. 2006. *Energy Conservation Policy*. January 1, 2006.

- Orange County. 2008. *Orange County, North Carolina 2030 Comprehensive Plan*. Adopted November 18, 2008.
- Orange County. 2012. *The Bus and Rail Investment Plan in Orange County*. Adopted October 2, 2012.
- Orange County. 2014. *FY2014 Bus & Rail Investment Progress Report*.
- Research Triangle Regional Public Transportation Authority. 2014. Fiscal Year 2015 Budget & Capital Investment Plan. Fiscal Year 2015 Budget for the Durham-Orange Bus and Rail Investment Plan, July 1, 2014 – June 30, 2015.
- Sather, D., Hall, S., Sorrie, B., and R. Shaw. 2004. *Inventory of Natural Areas and Wildlife Habitats for Orange County, North Carolina*. Orange County Environment & Resource Conservation Department and the North Carolina Natural Heritage Program.
- Sibley, David A. 2003. *The Sibley Field Guide to Birds of Eastern North America*. National Audubon Society. New York, NY.
- STAC. 2008. *Regional Transit Vision Plan: Recommendations for North Carolina's Research Triangle Region*. Final Report. May 2008.
- The Herald Sun. 2014. "Chapel Hill's little airport: Horace Williams keeps hanging on." December 29, 2014.
- The Louis Berger Group, Inc. 2001. *Guidance for Assessing Indirect and Cumulative Impacts of Transportation Projects in North Carolina*. Prepared for State of North Carolina Department of Transportation/Department of Environment and Natural Resources. November 2001.
- The Louis Berger Group, Inc. 2004. *NCDOT/NCDENR Indirect and Cumulative Impact Assessment Guidance: Integrated NEPA/SEPA/401 Eight-Step ICI Assessment Process*. January 21, 2004.
- The Louis Berger Group, Inc. 2006. *DurhamWalks! Pedestrian Plan*. Prepared for City of Durham. September 2006.
- The Louis Berger Group, Inc. 2008. *Legal Sufficiency Criteria for Adequate Indirect Effects and Cumulative Impacts Analysis as Related to NEPA Documents*. August 29, 2008.
- Town of Chapel Hill. 1998. *Design Guidelines: Downtown Chapel Hill*. Prepared by Downtown Small Area Plan Work Group. October 1998.
- Town of Chapel Hill. 2001. *Design Guidelines for the Chapel Hill Historic Districts*. November 2001.
- Town of Chapel Hill. 2004. *Chapel Hill Bicycle & Pedestrian Action Plan: A Planning Guide for Future Physical Improvements and for Actions to Encourage Bicycling and Walking as a Mode of Transportation*. Adopted October 27, 2004. [Superseded by the 2014 Chapel Hill Bike Plan]
- Town of Chapel Hill. 2004. *Town of Chapel Hill Design Manual*.
- Town of Chapel Hill. 2005. Memorandum of Agreement: Joint Chapel Hill-Carrboro-Orange County Greenhouse Gas Emissions Inventory and Reduction Plan. From W. Calvin Horton, Town Manager, to Mayor and Town Council. June 15, 2005.
- Town of Chapel Hill. 2012. *Chapel Hill 2020 Comprehensive Plan*. Adopted June 25, 2012.
- Town of Chapel Hill. 2013. *Comprehensive Parks Plan (2013-2022)*. May 29, 2013.

- Town of Chapel Hill. 2013. *Town of Chapel Hill Greenways Master Plan*. May 29, 2013.
- Town of Chapel Hill. 2014. "Parks & Recreation." <http://www.townofchapelhill.org/index.aspx?page=74>.
- Town of Chapel Hill. 2014. *Chapel Hill Bike Plan*. Adopted June 9, 2014.
- TRB. 2002. *Desk Reference for Estimating the Indirect Effects of Proposed Transportation Projects*. Transportation Research Board National Resource Council. NCHRP Report 466.
- Triangle J Council of Governments. 2013. *Research Triangle Region Conformity Determination Report*. April 2, 2013.
- Triangle Transit Authority. 1995. *Triangle Fixed Guideway Study: Land Use & Transportation Alternatives for the Triangle Region*. Phase III report. The Authority.
- Triangle Transit Authority. 2002. *Phase I Regional Rail System, Durham and Wake Counties, North Carolina, Final Environmental Impact Statement and Section 4(f) Evaluation*. November 2002.
- Triangle Transit. 2014. "Triangle Transit FY 2014 Annual Bus Performance Report." Memorandum from Regional Services Development Department to Triangle Transit Operations & Finance Committee. November 11, 2014.
- UNC. 2007. *Campus Master Plan Update*.
- UNC. 2014. "Quick Facts." http://oira.unc.edu/files/2014/10/quick_facts_brochure.pdf.
- UNC. 2015. "Stats About UNC Health Care." https://www.unchealthcare.org/site/aboutus/fiscal_facts.htm.
- URS. 2010. *Transitional Analysis Report*. Prepared by URS Team for Triangle Transit. September 2010.
- URS. 2012. *Alternatives Analysis Final Report, Durham-Orange County Corridor*. Prepared by URS Team for Triangle Transit. April 2012.
- URS. 2012. *Scoping Report, Durham-Orange Light Rail Transit Project*. Prepared by URS Team for Triangle Transit. September 2012.
- USACE. 1987. *Corps of Engineers Wetlands Delineation Manual*. Wetlands Research Program Technical Report Y-87-1. January 1987.
- USACE. 2008. *Minimum Monitoring Requirements for Compensatory Mitigation Projects Involving the Restoration, Establishment, and/or Enhancement of Aquatic Resources*. Regulatory Guidance Letter 08-03. 10 October 2008.
- USACE. 2012. *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Eastern Mountains and Piedmont Region*. Version 2.0. ERDC/EL TR-129. April 2012.
- USACE. 2014. *Notification of Jurisdictional Determination*. May 12, 2014.
- USACE. 2014. *Revised Notification of Jurisdictional Determination*. November 7, 2014.
- USDA SCS. 1976. *Soil Survey of Durham County, North Carolina*. June 1976.
- USDA SCS. 1977. *Soil Survey of Orange County, North Carolina*. June 1977.
- USFWS. 2014. *Endangered and Threatened Species and Species of Concern by County for North Carolina*. U.S. Department of the Interior. Washington, D.C. http://www.fws.gov/raleigh/species/cntylist/nc_counties.html.



Appendix F: References

USFWS. 2015. National Wildlife Refuge System website, accessed 2015, national wildlife refuge system national map.

USGS. 2008. Geologic Map of the Chapel Hill 7.5-minute quadrangle, Orange and Durham Counties, North Carolina. North Carolina Geological Survey Open File Report 2004-01, Revision-02.