

CH. 6 REFERENCES



Chapter 6 lists the various references and supporting documentation cited throughout the Final EIS. In addition, Chapter 6 includes a list of acronyms found throughout the Final EIS.

6. 1 REFERENCES

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6. 2 SUPPORTING PROJECT DOCUMENTATION

The supporting project documentation listed below is technical memoranda and reports incorporated by reference into the Draft EIS and Final EIS. These are available for review upon request by contacting the NCTA via email at gaston@ncturnpike.org or via telephone at (919) 571-3000. Documents also available on the NCTA Web site (www.ncturnpike.org/projects/gaston) are marked with an asterisk (*).

6.2.1 SUPPORTING PROJECT DOCUMENTATION PRIOR TO PUBLICATION OF THE DRAFT EIS

The supporting project documentation listed below is technical memoranda and reports created prior to publication of the Draft EIS in April 2009, and incorporated by reference into the Draft EIS.

2003, September	Phase I (Reconnaissance Level) Historic Architectural Survey for the Gaston East-West Connector. Prepared by Mattson, Alexander and Associates
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2005, May	Draft Traffic Technical Memorandum – Gaston County East-West Connector Study. Prepared by PBS&J
2006, April	Citizens Informational Workshop Series #2 Summary – Gaston East-West Connector. Prepared by PBS&J
*2006, October	Proposed Gaston East-West Connector Preliminary Traffic and Revenue Study Final Report. Prepared by Wilbur Smith Associates
2006, October	Gaston East-West Connector Traffic Forecasting and System Level Analysis for Detailed Study Alternatives. Prepared by Martin/Alexiou/Bryson

- 2007, April Archaeological Assessment of Detailed Study Alternatives for the Proposed Gaston East-West Connector. Prepared by Coastal Carolina Research, Inc.
- 2007, April Gaston East-West Connector Traffic Forecasting and System Level Analysis for the Detailed Study Alternatives – Revised. Prepared by Martin/Alexiou/Bryson
- 2007, November Community Characteristics Report for the Gaston East-West Connector. Prepared by PBS&J
- *2007, December Final Preliminary Hydraulic Technical Memorandum for the Gaston County East-West Connector. Prepared by PBS&J
- 2007, December Final Traffic Operations Technical Memorandum for the Gaston East-West Connector. Prepared by PBS&J
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- *2008, July Final Traffic Noise Technical Memorandum for the Gaston East-West Connector. Prepared by PBS&J
- *2008, August Gaston East-West Connector (U-3321) Traffic Forecasts for Toll Alternatives. Prepared by Martin/Alexiou/Bryson
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- *2008, September Final Toll Traffic Operations Technical Memorandum - Gaston East-West Connector. Prepared by PBS&J
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6.2.2 SUPPORTING PROJECT DOCUMENTATION AFTER PUBLICATION OF THE DRAFT EIS

The supporting project documentation listed below are technical memoranda and reports created after publication of the Draft EIS in April 2009 for the Final EIS, and incorporated by reference into the Final EIS.

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- 2010, May Gaston East-West Connector Service Road Study. Prepared by PBS&J
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- *2010, June Gaston East-West Connector Conceptual Mitigation Plan. Prepared by PBS&J
- 2010, July Intensive Archaeological Survey and Evaluation of Detailed Study Alternative 9 (Recommended Route) for the Proposed Gaston East-West Connector. Prepared by Coastal Carolina Research.
- *2010, August Gaston East-West Connector Quantitative Indirect and Cumulative Effects Analysis. Prepared by Louis Berger Group, Inc.

6.3 ACRONYMS USED IN THE FINAL EIS

The following is a list of commonly-used acronyms found throughout this Final EIS and associated appendices.

AADT	Annual Average Daily Traffic
ADA	Americans with Disabilities Act
BFE	Base Flood Elevation
CAA	Clean Air Act
CDOT	Charlotte Department of Transportation
CEQ	Council on Environmental Quality
CH₄	Methane
CLGP	Conformity Lapse Grace Period
CO₂	Carbon Dioxide
DSA	Detailed Study Alternative
E	Endangered
EIS	Environmental Impact Statement
EMC	Electric Membership Cooperative
ETC	Electronic Toll Collection
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FIS	Flood Insurance Study
FTA	Federal Transit Administration
GP	Garden Parkway
GUAMPO	Gaston Urban Area Metropolitan Planning Organization
HEI	Health Effects Institute
HNTB	Howard, Needles, Tammen, and Bergendoff
HOV	High Occupancy Vehicles
HQW	High Quality Waters
IMR	Interchange Modification Report
LEDPA	Least Environmentally Damaging Practicable Alternative
LOS	Level of Service
MPO	Metropolitan Planning Organization
MSL	Mean Sea Level
N₂O	Nitrous Oxide
NAC	Noise Abatement Criteria
NCAC	North Carolina Administrative Code
NCDOT	North Carolina Department of Transportation

AASHTO	American Association of State Highway and Transportation Officials
APE	Area of Potential Effect
BMP	Best Management Practices
CDIA	Charlotte Douglas International Airport
CE	Categorical Exclusion
CFR	Code of Federal Regulations
CIW	Citizens Informational Workshop
CLOMR	Conditional Letter of Map Revision
DAQ	Division of Air Quality
DSBG	Daniel Stowe Botanical Gardens
ECP	Ecosystem Enhancement Program
EJ	Environmental Justice
ESA	Endangered Species Act
FBFM	Flood Boundary and Floodway Map
FERC	Federal Energy Regulatory Commission
FIRM	Flood Insurance Rate Map
FPPA	Farmland Protection Policy Act
GHG	Greenhouse Gas Emissions
GPX	Garden Parkway Interchange
HAP	Hazardous Air Pollutants
HFCs	Hydrofluorocarbons
HOT	High Occupancy Toll
HPO	Historic Preservation Office
ICE	Indirect and Cumulative Effects
IRIS	Integrated Risk Information System
LOMR	Letter of Map Revision
LRTP	Long Range Transportation Plan
MSAT	Mobile Source Air Toxics
MUMPO	Mecklenburg-Union Metropolitan Planning Organization
NAAQS	National Ambient Air Quality Standards
NATA	National-scale Air Toxics Assessment
NCDENR	North Carolina Department of Environment and Natural Resources
NCDWQ	North Carolina Division of Water Quality

NCGS	North Carolina General Statutes
NCTA	North Carolina Turnpike Authority
NEPA	National Environmental Policy Act
NOI	Notice of Intent
NRCS	Natural Resources Conservation Services
NS	Norfolk Southern
OSA	Office of State Archaeology
PE	Proposed Endangered
PM	Particulate Matter
ROD	Record of Decision
SCDOT	South Carolina Department of Transportation
SF₆	Sulfur hexafluoride
SHC	Strategic Highway Corridor
SIP	State Implementation Plan
STIP	State Transportation Improvement Project
TAZ	Traffic Analysis Zone
TEAC	Turnpike Environmental Agency Coordination
TIP	Transportation Improvement Program
TSM	Transportation System Management
UDO	Unified Development Ordinance
USDA	United States Department of Agriculture
USFWS	United States Department of the Interior Fish and Wildlife Service
UST	Underground Storage Tanks
VFD	Volunteer Fire Department
VMT	Vehicle Miles Traveled

NCNHP	North Carolina Natural Heritage Program
NCWRC	North Carolina Wildlife Resources Commission
NFIP	National Flood Insurance Program
NPDES	National Pollutant Discharge Elimination System
NRHP	National Register of Historic Places
ORW	Outstanding Resource Waters
PBS&J	Post, Buckley, Schuh & Jernigan, Inc.
PFCs	Perfluorocarbons
PT	Proposed Threatened
SAFETEA-LU	Safe, Accountable, Flexible, Efficient Transportation Equity Act – A Legacy for Users
SECC	Southeast Corridor Coalition
SFHA	Special Flood Hazard Area
SHPO	State Historic Preservation Office
SR	State Road
T	Threatened
TDM	Transportation Demand Management
TIFIA	Transportation Infrastructure Finance and Innovation Act
TNM	Traffic Noise Model
TTST	Multi-unit Trucks with Single and Twin Trailers
USACE	United States Army Corps of Engineers
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
VAD	Voluntary Agricultural Districts
VHT	Vehicle Hours Traveled