

## MATERIALS AVAILABLE AND SUPPLIED CHECKLIST

U-4763B

7/2/2008

The following list outlines possible materials to be supplied to all shortlisted teams or successful proposers. The NCTA in no way guarantees either the availability of these items or the time at which these materials will become available. It is the intent to provide as many of these materials to the shortlisted teams immediately following the shortlisting process. The NCTA will entertain requests not itemized below, by email request to designbuild@ncturnpike.org

Will it be Available?	Date and Method of Delivery to Firms
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### Planning and Environmental

Environmental Assessment	YES	Hard Copy by Letter Dated February 22, 2008
Finding Of No Significant Impact	YES	
Natural Resources Technical Report - NRTR (Dated 02/2007)	YES	Hard Copy by Letter Dated February 1, 2008
Addendum 1 to Natural Resources Technical Report (Dated 08/2007)	YES	Hard Copy by Letter Dated February 1, 2008
Final Design Noise Report	YES	Hard Copy and CD dated 3/28/08 by Letter Dated April 2, 2008
Triangle Parkway Vibration / Air Quality Study	YES	CD Dated 3/10/2008 by Letter Dated March 13, 2008
Community Impact Assessment	YES	Hard Copy by Letter Dated February 1, 2008
North Carolina Ecosystem Enhancement Letter	YES	Hard Copy by Letter Dated April 24, 2008
Kit Creek Road Addendum to CIA / ICE Report (Dated 1/18/2008)	YES	Hard Copy by Letter Dated February 1, 2008
Wetland Boundary Files		
Verification for T&E Surveys and ESA delineation	YES	In NRTR
Concurrence Point 4B & 4C Merger Meeting Minutes	YES	Hard Copy by Letter Dated February 1, 2008
Public Hearing Map - .pdf format available (3 sheets)	YES	Hard Copy by Letter Dated February 1, 2008
Public Hearing Map Microstation Files	YES	CD Dated 5/1/2008 by Letter Dated May 6, 2008
Combined Corridor / Design Public Hearing Map (Dated 3/25/2008)	YES	Hard Copy and CD dated 3/25/08 by Letter Dated April 2, 2008

### Plans (Adjacent or Previous Projects)

Adjacent Roadway Plans for U-4026 (Signed and Sealed 05/04/2006)	YES	Hard Copy By Letter Dated February 1, 2008
Adjacent Roadway Plans for R-2000AA (Signed and Sealed 08/27/2003)	YES	Hard Copy By Letter Dated February 1, 2008
Adjacent Roadway Plans for R-2904 (Signed and Sealed 05/16/2006)	YES	Hard Copy By Letter Dated February 1, 2008
Adjacent Roadway Plans for U-4026 / R-2904	YES	Hard Copy By Letter Dated February 1, 2008
U-4026 Electronic Files	YES	CD dated 4/22/2008 By Letter Dated April 24, 2008
NC 54 Roadway Plans (As-Builts; Signed and Sealed, Date Unknown)	YES	Hard Copy By Letter Dated February 14, 2008
NC 54 Bridge Plans (As-Builts; Various Dates)	YES	Hard Copy By Letter Dated March 14, 2008
Overhead Structure Line Drawings and Shop Drawings	YES	Hard Copy By Letter Dated March 3, 2008
Additional Structure Line Drawings and Shop Drawings	YES	Hard Copy By Letter Dated April 10, 2008
Existing Overhead Sign Structures Electronic Files	YES	CD dated 4/22/2008 By Letter Dated April 24, 2008
R-2000AA Electronic Files	YES	CD dated 2/21/2008 by Letter Dated February 22, 2008
R-2000AB Electronic Files	YES	DVD dated 4/23/2008 By Letter Dated April 24, 2008
R-2000AB Electronic Signing Files	YES	CD dated 4/10/2008 by Letter Dated April 10, 2008

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**Preliminary Plans (Current Project)**

Roadway/Right of Way Plans for U-4763B	YES	Hard Copy by Letter Dated February 1, 2008
Cross Section Plans for U-4763B	YES	Hard Copy by Letter Dated February 1, 2008
Preliminary Roadway Files	YES	CD dated 2/1/08 by Letter Dated February 1, 2008
Additional Preliminary Roadway Files	YES	CD dated 2/11/2008 by Letter Dated February 18, 2008
Additional Design Files	YES	2 CDs; Dated 3/26/08 & 3/28/08 by Letter Dated April 2, 2008
Pavement Design Inventory		
Utility Construction Plans	YES	In Utility Conflict Plans Provided February 6, 2008
Utilities by Others	YES	In Utility Conflict Plans Provided February 6, 2008
Utility Contact List	YES	Hard Copy by Letter Dated February 14, 2008
NC 54 Utility Conflict Analysis	YES	Hard Copy by Letter Dated February 14, 2008
McCrimmon Connector Functional Design Plans and I-40 Flyover Functional Design Plans	YES	CD Dated 2/28/2008 by Letter Dated March 3, 2008
NCDOT Preliminary Functional Roadway Design for McCrimmon Parkway (Not Dated)	YES	Hard Copy by Letter Dated April 2, 2008
Louis Stephens Drive and Hopson Road Improvement Files	YES	CD Dated 4/09/2008 by Letter Dated April 16, 2008
Revised Typical Sheets 2-D, 2-F, 2-G and 2-H (print date 2/29/08)	YES	Hard Copy by Letter Dated March 3, 2008
Signal Plans for NC 54 at T.W. Alexander and T.W. Alexander at NC 147 Terminus	YES	CD Dated 3/3/2008 by Letter Dated March 3, 2008
Signal Plans for U-4026	YES	CD Dated 5/16/2008 by Letter Dated May 20, 2008
Signal Plans for R-2904	YES	CD Dated 5/16/2008 by Letter Dated May 20, 2008
E-mail from City of Durham re: Signal System Routing Information	YES	Hard Copy by Letter Dated 6/5/2008
City of Durham Signal Plans * NC 54 / Davis Drive * Davis Drive / Hopson Road * NC 54 / Hopson Road	YES	CD Dated 6/5/2008 by Letter Dated 6/5/2008
Earthwork Log Files	YES	CD Dated 2/26/2008 by Letter Dated March 3, 2008
LNB- Earthwork Log File	YES	Hard Copy by Letter Dated March 13, 2008
Hobson Road Utility Conflict Analysis	YES	Hard Copy by Letter Dated February 14, 2008
Davis Drive Utility Conflict Analysis	YES	Hard Copy by Letter Dated February 14, 2008
Kit Creek Road Utility Conflict Analysis	YES	Hard Copy by Letter Dated February 14, 2008
Triangle Expressway Signing Schematic (Dated 05/2007)	YES	Hard Copy by Letter Dated February 1, 2008
Revised Triangle Expressway Signing Schematic	YES	CD Dated 3/11/2008 by Letter Dated March 13, 2008
Revised Triangle Expressway Signing Schematic	YES	Hard Copy by Letter Dated March 13, 2008
Updated Triangle Expressway Signing Stripmap	YES	CD Dated 4/1/2008 by Letter Dated April 2, 2008
Revised Triangle Expressway Signing Schematic	YES	CD Dated 5/1/2008 by Letter Dated May 6, 2008
Revised Triangle Expressway Signing Schematic	YES	Hard Copy by Letter Dated May 6, 2008
Revised Triangle Expressway Signing Schematic	YES	Hard Copy and CD by Letter Dated May 20, 2008
Revised Triangle Expressway Signing Schematic	YES	Hard Copy and CD by Letter Dated June 25, 2008
Other		

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**Permits**

404 Permit	YES	Anticipated submittal 2/19/08; permit anticipated 5/30/2008
401 Certification	YES	Anticipated submittal 2/19/08; permit anticipated 5/30/2008
EEP Mitigation Request Letter		
EEP Mitigation Acceptance Letter		
CLOMR Application Package for Burdens Creek (Dated 10/05/2007)	YES	Hard Copy by Letter Dated February 1, 2008
Jordan Reservoir Buffer Rules (15A NCAC 02B.0262 Jordan Water Supply)	YES	<a href="http://www.ncoah.com/rules/register/Volume21Issue24June152007.pdf">http://www.ncoah.com/rules/register/Volume21Issue24June152007.pdf</a>
Triangle Parkway 404/401 Permit Application (Dated 03/18/08)	YES	Hard Copy and CD By Letter Dated March 24, 2008
No Impact Package for Burdens Creek Tributary (Dated 12/14/2007)	YES	Hard Copy by Letter Dated February 1, 2008
Final NPDES Permit (Signed 12/27/2007)	YES	CD by Letter Dated June 18, 2008
Other Permits		

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**Right-of-Way, Railroad, Utilities**

Draft Municipal Agreements		
Utility Coordination Meeting Sign-In Sheet		
Utilities Construction Criteria for City of Durham / Town of Cary	YES	Hard Copy by Letter Dated February 1, 2008
Utility Conflict Plans (Dated January 15, 2008)	YES	Hard Copy by Letter Dated February 6, 2008
Revised Utility Conflict Plans (Print Date 3/27/2008)	YES	Hard Copy by Letter Dated April 10, 2008
Revised Utility Conflict Plans	YES	CD Dated 3/27/08 by Letter Dated April 16, 2008
Revised Utility Conflict Plans	YES	Hard Copy by Letter Dated June 25, 2008
Revised Utility Conflict Plans (same info. as on hard-copy plans above)	YES	CD Dated 7/1/08 by Letter Dated July 2, 2008
Property Owners' Names and Contact Information	YES	Hard Copy by Letter Dated March 3, 2008
Prior Rights Information		

**Hydraulic Information**

Burdens Creek Bridge Survey Report (Sealed)	YES	Included in CLOMR for Burdens Creek
Culvert Survey Reports (Preliminary)	YES	Hard Copy by Letter Dated February 1, 2008
Burdens Creek Tributary Culvert Survey Report (Sealed)	YES	Included in No Impact Package for Burdens Creek Tributary
Drainage Calculations	YES	Hard Copy by Letter Dated February 22, 2008
Original Drainage Redlines	YES	Hard Copy by Letter Dated February 22, 2008
Drainage Files	YES	CD by Letter dated February 1, 2008
Hec Ras and Hec 2 Models for Burdens Creek and Burdens Creek Tributary	YES	Included in CLOMR and No Impact Package
No Rise / No Impact for Burdens Creek Tributary - Highway 54 Culvert Extension	YES	Hard Copy by Letter Dated April 2, 2008
NC 147 Design Information	YES	CD by Letter dated February 1, 2008

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**Investigation Data**

Bridge Inspection Report (NC 54 over NC 147)	YES	Hard Copy by Letter dated February 1, 2008
Roadway Subsurface Investigation (signed & sealed: 03/30/2007)	YES	Hard Copy by Letter dated February 1, 2008
Triangle Parkway Subsurface Inventory Files	YES	CD by Letter dated July 2, 2008
Structure Subsurface Investigation, Bridge on		
Rock Sample Test Data		
Shelby Tube Test Results		
Triaxial Strength Test Results		
Consolidation Test Results		
Cone Penetrometer Results		
Geotechnical Borelog Report * Davis Drive, EB1-B * Hopson Road, EB1-CL * Burdens Creek, EB1-A * Burdens Creek, EB2-A	YES	Hard Copy by Letter dated March 3, 2008
Subgrade Stabilization Recommendations * R-2000AA * R-2000CA	YES	Hard Copy by Letter Dated April 2, 2008
Subgrade Stabilization Data * U-4026	YES	Hard Copy by Letter Dated April 2, 2008
U-4763B Borelog gINT Electronic files (CD Dated 03/24/08)	YES	CD by Letter Dated March 24, 2008
TriEx Additional Borings Layout (CD Dated 03/24/08)	YES	CD by Letter Dated March 24, 2008
Roadway Subsurface Investigation Sheet 151 (CD Dated 03/24/08)	YES	CD by Letter Dated March 24, 2008
Subgrade Stabilization Recommendations		
Pavement Design Inventory Report		
Preliminary Pavement Design		
Modifications to the April 2000 Interim Pavement Design Procedure (Dated November, 2007)	YES	Hard Copy by Letter dated March 3, 2008
Pavement Design Calculations (Dated 9/28/07)	YES	Hard Copy by Letter dated March 3, 2008

**Locations and Surveys Data**

Photogrammetry Files		
Location & Survey Files (hyl, dtl, prl, utl, tnl)	YES	Included in Preliminary Roadway Files CD
SUE files	YES	Included in Preliminary Roadway Files CD

**Traffic Data and Reports**

Traffic Forecast		
Traffic Counts for Kit Creek and Davis Drive Electronic files (CD Dated 03/24/08)	YES	CD by Letter Dated March 24, 2008
Traffic Forecast Supplement		
Traffic Capacity Analysis (CD Dated January 2008)	YES	CD by Letter Dated February 6, 2008
Triangle Parkway Traffic Analysis, 2030 Build with TIP U-4763A LOS D Laneage Diagram	YES	Hard Copy by Letter Dated April 10, 2008
Replacement Page 7 for the Traffic NEPA Final Report shown above	YES	Hard Copy by Letter Dated March 13, 2008

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**Generic Guidelines, Procedures, and Details**

North Carolina Turnpike Authority Standard Drawings: Typical Open Road Tolling (ORT) Facility Guidelines Toll Facility Signing Requirements Lighting Design Requirements	YES	Hard Copy by Letter dated February 1, 2008
Revised Triangle Expressway Typical Open Road Tolling Facility Access Plan Sheet TF-3	YES	Hard Copy by Letter Dated June 25, 2008
Revised NCTA Standard Drawings	YES	Hard Copy by Letter Dated May 6, 2008
Reissued NCTA Standard Drawings	YES	Hard Copy and CD by Letter Dated June 2, 2008
ITS/Toll Communication Plans	YES	Hard Copy by Letter dated April 16, 2008
Revised ITS/Toll Communication Plans	YES	CD Dated 4/29/2008 by Letter Dated May 6, 2008
Revised ITS/Toll Communication Plans	YES	Hard Copy by Letter Dated May 6, 2008
Aesthetic Design Guidelines (Dated September 28, 2007)	YES	Hard Copy by Letter Dated February 6, 2008
Design Build Submittal Guidelines	YES	NCTA Web Site
NCDOT - FHWA Agreement for Oversight of the Design and Construction Phases of Federally Funded Projects	YES	Hard Copy by Letter Dated February 22, 2008
Design Exceptions Guidelines	YES	<a href="http://www.ncdot.org/doh/construction/ps/altern/value/manuals">http://www.ncdot.org/doh/construction/ps/altern/value/manuals</a>
FEMA No Rise / No Impact Certification Guidelines	YES	NCDOT Web Site
GeoEnvironmental Guidelines	YES	<a href="http://www.doh.dot.state.nc.us/preconstruct/highway/geotech">http://www.doh.dot.state.nc.us/preconstruct/highway/geotech</a>
Policy and Procedures for Utilities on Highway R/W	YES	<a href="http://www.ncdot.org/doh/construction/ps/altern/value/manuals/ppm/ppm20/ppm20-1.pdf">http://www.ncdot.org/doh/construction/ps/altern/value/manuals/ppm/ppm20/ppm20-1.pdf</a>
Section 4.0 (As-Built Drawing Submittal Requirements) of City of Durham Public Works "Reference Guide for Development"	YES	Hard Copy by Letter Dated June 25, 2008
Draft Merger '01 Implementation Team / Merger 01 Process Information - Dated 3/21/03	YES	NCDOT Web Site
4B and 4C Concurrence Procedures	YES	NCDOT Web Site
List of PreQualified Geotechnical Engineering Firms	YES	<a href="https://apps.dot.state.nc.us/PEF/PublicView.html">https://apps.dot.state.nc.us/PEF/PublicView.html</a>
List of PreQualified R/W Acquisition Firms	YES	<a href="https://apps.dot.state.nc.us/PEF/PublicView.html">https://apps.dot.state.nc.us/PEF/PublicView.html</a>
List of Sign Suppliers and Fabricators	YES	<a href="http://www.ncdot.org/doh/preconstruct/traffic/congestion/SIGN/qpl/qpl.html">http://www.ncdot.org/doh/preconstruct/traffic/congestion/SIGN/qpl/qpl.html</a>
ITS Users Guide	YES	<a href="http://www.ncdot.org/doh/preconstruct/traffic/tmssu/default.htm">http://www.ncdot.org/doh/preconstruct/traffic/tmssu/default.htm</a>
Sample Set of Erosion Control Plans and Standard Details	YES	NCDOT Web Site
Example of Permit Conditions (from Western Wake Freeway Project)	YES	<a href="http://www.ncturnpike.org/design-build/r2635abc/r2635abc.asp">http://www.ncturnpike.org/design-build/r2635abc/r2635abc.asp</a>
Signing Detail Sheets	YES	NCDOT Web Site
Wetland Reforestation Detail	YES	<a href="http://www.ncdot.org/doh/construction/ps/altern/value/manuals/ppm/ch21list.pdf">http://www.ncdot.org/doh/construction/ps/altern/value/manuals/ppm/ch21list.pdf</a>

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**Additional Information**

DRAFT Triangle Expressway Project Management Plan (CD dated 3/14/08)	YES	CD By Letter Dated March 24, 2008
Roadway Standard Drawing 901.10	YES	Hard Copy By Letter Dated February 14, 2008
Traffic Control Strategies for Toll Plazas Memo (Dated 10/12/2006)	YES	Hard Copy By Letter Dated February, 1, 2008
Town of Cary Greenway Specifications	YES	CD By Letter Dated April 2, 2008
Durham County Sanitary Sewer Supplemental Specifications	YES	Hard Copy By Letter Dated June 2, 2008
Triangle Expressway Project Management Plan	YES	CD By Letter Dated April 2, 2008
Erosion Control Design Files (Examples)	YES	CD Dated 4/11/2008 by Letter Dated April 16, 2008
LRFD Live Load Chart Example		
Combined Design Field Inspection Minutes (Dated 6/5/2008)	YES	Hard Copy by Letter Dated June 5, 2008
<b>Notice of Award Sample Letter</b>	<b>YES</b>	<b>Hard Copy by Letter Dated July 2, 2008</b>
Two-Bar Rail Memo (Dated 7/21/2005)	YES	Hard Copy by Letter Dated May 20, 2008
Value Engineering Study Report		