

MATERIALS AVAILABLE AND SUPPLIED CHECKLIST

BD-5101E

3/23/2011

The following list outlines possible materials to be supplied to all short-listed teams. The Design-Build Team shall assume full responsibility for the project design, including the use of portions of the Department design, modification of such design or other designs as may be submitted by the Design-Build Team. The Design-Build Team shall be fully and totally responsible for the accuracy and completeness of all work performed, including, but not limited to, determining the accuracy of the information provided. The Department will entertain requests for information not itemized below, by email request to designbuild@ncdot.gov

BD-5101E Material Available and Supplied Checklist 3/23/2011	Will it be Available?	Date and Method of Delivery to Firms
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Planning and Environmental

BD-5101E Low Impact Data Sheet - Dated October 14, 2010 (Electronic Copy – DVD1 Titled BD-5101E Materials - Dated Jan. 31, 2011)	Yes	By Letter Dated: February 1, 2011
North Carolina Wildlife Resources Commission Memo regarding Division 1 Low Impact Bridge Replacement (North) - Dated August 4, 2010 (Electronic Copy – DVD1 Titled BD-5101E Materials - Dated Jan. 31, 2011)	Yes	By Letter Dated: February 1, 2011
Field Scoping Meeting Worksheet (*_FSM_Attachment_C.pdf) (Electronic Copy – DVD1 Titled BD-5101E Materials - Dated Jan. 31, 2011)	Yes	By Letter Dated: February 1, 2011
Field Scoping Meeting Photographs (if available) (Electronic Copy – DVD1 Titled BD-5101E Materials - Dated Jan. 31, 2011)	Yes	By Letter Dated: February 1, 2011
Wetland File (*_D1_ddc_wtl.dgn) (Electronic Copy – DVD1 Titled BD-5101E Materials - Dated Jan. 31, 2011)	Yes	By Letter Dated: February 1, 2011
Archaeological Report (Archaeological_Str.#*.pdf) (Electronic Copy – DVD1 Titled BD-5101E Materials - Dated Jan. 31, 2011)	Yes	By Letter Dated: February 1, 2011
No Prehistoric or Historic Properties Report (Historical_NSR_*.pdf) (Electronic Copy – DVD1 Titled BD-5101E Materials - Dated Jan. 31, 2011)	Yes	By Letter Dated: February 1, 2011

Plans (Adjacent or Previous Projects)

None	N/A	
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Preliminary Plans (Current Project)

None	N/A	
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Right-of-Way, Railroad, Utilities

Right of Way Abstract (Bridge Abstract Div 1.pdf) (Electronic Copy – DVD1 Titled BD-5101E Materials - Dated Jan. 31, 2011)	Yes	By Letter Dated: February 1, 2011
Utilities Field Scoping Worksheet (*_Utilities_FSM.pdf) - Dated 2010 (Electronic Copy – DVD1 Titled BD-5101E Materials - Dated Jan. 31, 2011)	Yes	By Letter Dated: February 1, 2011

Hydraulic Information

FEMA Model for Each Bridge Site (excluding 070145) (Electronic Copy – DVD1 Titled BD-5101E Materials - Dated Jan. 31, 2011)	Yes	By Letter Dated: February 1, 2011
FEMA Model for Bridge Site 070145 (Electronic Copy – sent via email on Feb. 4, 2011)	Yes	By Letter Dated: February 4, 2011
Hydraulic Predesign Presurvey Report (Predesign Presurvey Report Bridge*.pdf) (Electronic Copy – DVD1 Titled BD-5101E Materials - Dated Jan. 31, 2011)	Yes	By Letter Dated: February 1, 2011

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Investigation Data

Structure Subsurface Investigation (*_GEO.pdf) (Electronic Copy – DVD1 Titled BD-5101E Materials - Dated Jan. 31, 2011)	Yes	By Letter Dated: February 1, 2011
Bridge and Approach Investigation Checklist and Photos (* Approach Study.pdf and *Approach Photos.pdf) (Electronic Copy – DVD1 Titled BD-5101E Materials - Dated Jan. 31, 2011)	Yes	By Letter Dated: February 1, 2011
Bridge Inspection Report (*_Routine-1-**.pdf) (Electronic Copy – DVD1 Titled BD-5101E Materials - Dated Jan. 31, 2011)	Yes	By Letter Dated: February 1, 2011

Photogrammetry

County Orthophotos (*.sid, *.sdw) (Electronic Copy – DVD1 Titled BD-5101E Materials - Dated Jan. 31, 2011)	Yes	By Letter Dated: February 1, 2011
LiDAR (Light Detection and Ranging) (*_lidar.dgn) (Electronic Copy – DVD1 Titled BD-5101E Materials - Dated Jan. 31, 2011)	Yes	By Letter Dated: February 1, 2011
County GIS property lines and owner names (*_prop.dgn) (Electronic Copy – DVD1 Titled BD-5101E Materials - Dated Jan. 31, 2011)	Yes	By Letter Dated: February 1, 2011

Locations and Surveys Data

Datum Description, EOP, BL, Center line (*_LS.dgn) (Electronic Copy – DVD1 Titled BD-5101E Materials - Dated Jan. 31, 2011)	Yes	By Letter Dated: February 1, 2011
L&S DTM (*_LS_DTM.dgn) (Electronic Copy – DVD1 Titled BD-5101E Materials - Dated Jan. 31, 2011)	Yes	By Letter Dated: February 1, 2011
L&S DTM (*_LS_DTM.dgn) for Bridge Nos. 070046 and 070066 (Electronic Copy – DVD3 Titled BD-5101E Materials - Dated Mar. 23, 2011)	Yes	By Letter Dated: March 23, 2011
Additional L&S Data (*_xs.txt, *_bridge.txt) (Electronic Copy – DVD3 Titled BD-5101E Materials - Dated Mar. 23, 2011)	Yes	By Letter Dated: March 23, 2011

Generic Guidelines, Procedures, and Details

Sub Regional Design Guidelines		http://www.ncdot.gov/doh/preconstruct/highway/structur/subregional/STGFeb2008.pdf
Low Impact Bridge Replacement Manual		http://www.ncdot.org/download/projects/ncbridges/lowimpactbridge/finalmanual.pdf
Design Build Submittal Guidelines		http://www.ncdot.org/doh/preconstruct/altern/design_build/SubmittalGuidelines080408.pdf
Roadway Design Guidelines for Design-Build Projects		http://www.ncdot.org/doh/preconstruct/altern/design_build/RoadwayGuidelines.pdf
Design Exceptions Guidelines		http://www.ncdot.gov/doh/preconstruct/altern/value/manuals/ppm/ppm5/ppm5-5.pdf
FEMA No Rise / No Impact Certification Guidelines		http://www.fema.gov/plan/prevent/floodplain/nfipkeywords/no_rise.shtm
FEMA (FMP) MOA Coordination		http://www.ncdot.gov/doh/preconstruct/highway/hydro/FEMA/default.html
GeoEnvironmental Guidelines		http://www.ncdot.org/doh/preconstruct/highway/geotech/
Policy and Procedures for Utilities on Highway R/W		http://www.ncdot.org/doh/preconstruct/altern/value/manuals/ppm/ppm20/ppm20-1.pdf
List of PreQualified Geotechnical Engineering Firms		https://apps.dot.state.nc.us/vendor/directory
List of PreQualified R/W Acquisition Firms		https://apps.dot.state.nc.us/vendor/directory
List of Sign Suppliers and Fabricators		http://www.ncdot.org/doh/preconstruct/traffic/congestion/Sign/gpl/gpl.html
Sample Set of Erosion Control Plans and Standard Details		Upon request
Signing Detail Sheets		http://www.ncdot.gov/doh/preconstruct/traffic/congestion/sign
Wetland Reforestation Detail		http://www.ncdot.gov/doh/preconstruct/altern/value/manuals/ppm/ch21list.pdf

Additional Information

Cored Slab Standard Plans - Dated October 7, 2010 (Electronic Copy – DVD1 Titled BD-5101E Materials - Dated Jan. 31, 2011)	Yes	By Letter Dated: February 1, 2011
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