



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CONVENTIONAL SYMBOLS

*S.U.E = SUBSURFACE UTILITY ENGINEER

ROADS & RELATED ITEMS

Edge of Pavement	-----
Curb	-----
Prop. Slope Stakes Cut	----- ^C
Prop. Slope Stakes Fill	----- ^F
Prop. Woven Wire Fence	○-----○
Prop. Chain Link Fence	□-----□
Prop. Barbed Wire Fence	◇-----◇
Prop. Wheelchair Ramp	○-----○ ^{WCR}
Curb Cut for Future Wheelchair Ramp	○-----○ ^{CCFR}
Exist. Guardrail	-----
Prop. Guardrail	-----
Equality Symbol	⊕
Pavement Removal	⊗

RIGHT OF WAY

Baseline Control Point	◆
Existing Right of Way Marker	△
Exist. Right of Way Line w/Marker	-----△
Prop. Right of Way Line with Proposed	-----▲
RW Marker (Iron Pin & Cap)	▲
Prop. Right of Way Line with Proposed	-----▲
(Concrete or Granite) RW Marker	⊙
Exist. Control of Access Line	⊙ ^A
Prop. Control of Access Line	⊙ ^A
Exist. Easement Line	----- ^E
Prop. Temp. Construction Easement Line	----- ^E
Prop. Temp. Drainage Easement Line	----- ^{TDE}
Prop. Perm. Drainage Easement Line	----- ^{PDE}

HYDROLOGY

Stream or Body of Water	-----
River Basin Buffer	----- ^{RBB}
Flow Arrow	→
Disappearing Stream	-----
Spring	○-----
Swamp Marsh	-----
Shoreline	-----
Falls, Rapids	-----
Prop Lateral, Tail, Head Ditches	----- ^{FLDM}

STRUCTURES

MAJOR	
Bridge, Tunnel, or Box Culvert	----- ^{CONC}
Bridge Wing Wall, Head Wall and End Wall	----- ^{CONC WW}

MINOR	
Head & End Wall	----- ^{CONC HW}
Pipe Culvert	-----
Footbridge	-----
Drainage Boxes	□ ^{CB}
Paved Ditch Gutter	-----

UTILITIES

Exist. Pole	•
Exist. Power Pole	•
Prop. Power Pole	○
Exist. Telephone Pole	•
Prop. Telephone Pole	○
Exist. Joint Use Pole	•
Prop. Joint Use Pole	○
Telephone Pedestal	⊕
UG Telephone Cable Hand Hold	⊕ ^H
Cable TV Pedestal	⊕ ^C
UG TV Cable Hand Hold	⊕ ^H
UG Power Cable Hand Hold	⊕ ^H
Hydrant	⊕
Satellite Dish	⊕
Exist. Water Valve	⊕
Sewer Clean Out	⊕
Power Manhole	⊕
Telephone Booth	⊕
Cellular Telephone Tower	⊕
Water Manhole	⊕
Light Pole	⊕
H-Frame Pole	⊕
Power Line Tower	⊕
Pole with Base	⊕
Gas Valve	⊕
Gas Meter	⊕
Telephone Manhole	⊕
Power Transformer	⊕
Sanitary Sewer Manhole	⊕
Storm Sewer Manhole	⊕
Tank; Water, Gas, Oil	⊕
Water Tank With Legs	⊕
Traffic Signal Junction Box	⊕
Fiber Optic Splice Box	⊕
Television or Radio Tower	⊕
Utility Power Line Connects to Traffic Signal Lines Cut Into the Pavement	----- ^{TS}

Recorded Water Line	----- ^W
Designated Water Line (S.U.E.*)	----- ^W
Sanitary Sewer	----- ^{SS}
Recorded Sanitary Sewer Force Main	----- ^{FSS}
Designated Sanitary Sewer Force Main(S.U.E.*)	----- ^{FSS}
Recorded Gas Line	----- ^G
Designated Gas Line (S.U.E.*)	----- ^G
Storm Sewer	----- ^S
Recorded Power Line	----- ^P
Designated Power Line (S.U.E.*)	----- ^P
Recorded Telephone Cable	----- ^T
Designated Telephone Cable (S.U.E.*)	----- ^T
Recorded U/G Telephone Conduit	----- ^{TC}
Designated U/G Telephone Conduit (S.U.E.*)	----- ^{TC}
Unknown Utility (S.U.E.*)	----- ^{UTL}
Recorded Television Cable	----- ^{TV}
Designated Television Cable (S.U.E.*)	----- ^{TV}
Recorded Fiber Optics Cable	----- ^{FO}
Designated Fiber Optics Cable (S.U.E.*)	----- ^{FO}
Exist. Water Meter	⊕
UG Test Hole (S.U.E.*)	⊕
Abandoned According to U/G Record	⊕ ^{AATUR}
End of Information	⊕ ^{E.O.I.}

BOUNDARIES & PROPERTIES

State Line	-----
County Line	-----
Township Line	-----
City Line	-----
Reservation Line	-----
Property Line	-----
Property Line Symbol	⊕ ^{PL}
Exist. Iron Pin	⊕ ^{EIP}
Property Corner	⊕
Property Monument	⊕ ^{ECM}
Property Number	⊕ ¹²³
Parcel Number	⊕ ⁶
Fence Line	----- ^{WW & ISBW}
Existing Wetland Boundaries	----- ^{WLB}
High Quality Wetland Boundary	----- ^{HQ WLB}
Medium Quality Wetland Boundaries	----- ^{MQ WLB}
Low Quality Wetland Boundaries	----- ^{LQ WLB}
Proposed Wetland Boundaries	----- ^{WLB}
Existing Endangered Animal Boundaries	----- ^{EAB}
Existing Endangered Plant Boundaries	----- ^{EPB}

BUILDINGS & OTHER CULTURE

Buildings	-----
Foundations	-----
Area Outline	-----
Gate	-----
Gas Pump Vent or U/G Tank Cap	-----
Church	-----
School	-----
Park	-----
Cemetery	-----
Dam	-----
Sign	-----
Well	-----
Small Mine	-----
Swimming Pool	-----

TOPOGRAPHY

Loose Surface	-----
Hard Surface	-----
Change in Road Surface	-----
Curb	-----
Right of Way Symbol	----- ^{R/W}
Guard Post	----- ^{GP}
Paved Walk	-----
Bridge	-----
Box Culvert or Tunnel	-----
Ferry	-----
Culvert	-----
Footbridge	-----
Trail, Footpath	-----
Light House	-----

VEGETATION

Single Tree	-----
Single Shrub	-----
Hedge	-----
Woods Line	-----
Orchard	-----
Vineyard	-----

RAILROADS

Standard Gauge	-----
RR Signal Milepost	-----
Switch	-----