

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	----- T -----
Prop. Guardrail	----- T -----
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 R/W Marker (Iron Pin & Cap)	----- ▲ -----
Prop. Right of Way Line with Proposed (Concrete or Granite) R/W 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	----- BZ -----
Flow Arrow	----- → -----
Disappearing Stream	----- ↘ -----
Spring	----- ↙ -----
Swamp Marsh	----- ⚡ -----
Shoreline	-----
Falls, Rapids	----- + -----
Prop Lateral, Tail, Head Ditches	----- FLOW -----

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	----- T -----
U/G Telephone Cable Hand Hold	----- H -----
Cable TV Pedestal	----- C -----
U/G TV Cable Hand Hold	----- H -----
U/G Power Cable Hand Hold	----- H -----
Hydrant	----- ⚡ -----
Satellite Dish	----- ⚡ -----
Exist. Water Valve	----- ⊕ -----
Sewer Clean Out	----- ⊕ -----
Power Manhole	----- P -----
Telephone Booth	----- T -----
Cellular Telephone Tower	----- W -----
Water Manhole	----- W -----
Light Pole	----- ○ -----
H-Frame Pole	----- ○ -----
Power Line Tower	----- ⊗ -----
Pole with Base	----- □ -----
Gas Valve	----- ◇ -----
Gas Meter	----- ⊕ -----
Telephone Manhole	----- T -----
Power Transformer	----- ⊕ -----
Sanitary Sewer Manhole	----- S -----
Storm Sewer Manhole	----- S -----
Tank; Water, Gas, Oil	----- ○ -----
Water Tank With Legs	----- ○ -----
Traffic Signal Junction Box	----- S -----
Fiber Optic Splice Box	----- F -----
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	----- ⊕ -----
U/G Test Hole (S.U.E.*)	----- ⊕ -----
Abandoned According to U/G Record End of Information	----- ATTUR ----- E.O.I.

BOUNDARIES & PROPERTIES

State Line	-----
County Line	-----
Township Line	-----
City Line	-----
Reservation Line	-----
Property Line	-----
Property Line Symbol	----- P -----
Exist. Iron Pin	----- ⊕ -----
Property Corner	----- ⊕ -----
Property Monument	----- ECM -----
Property Number	----- 123 -----
Parcel Number	----- 6 -----
Fence Line	----- X -----
Existing Wetland Boundaries	----- WW & ISBW -----
High Quality Wetland Boundary	----- HQ WLB -----
Medium Quality Wetland Boundaries	----- MQ WLB -----
Low Quality Wetland Boundaries	----- LO 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	----- VINEYARD -----

RAILROADS

Standard Gauge	-----
RR Signal Milepost	----- MILEPOST 35 -----
Switch	----- SWITCH -----

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