

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	----- <sup>C</sup> -----
Prop. Slope Stakes Fill	----- <sup>F</sup> -----
Prop. Woven Wire Fence	○-----○
Prop. Chain Link Fence	□-----□
Prop. Barbed Wire Fence	◇-----◇
Prop. Wheelchair Ramp	WCR
Exist. Guardrail	-----
Prop. Guardrail	-----
Equality Symbol	⊕
Pavement Removal	XXXX

## 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	⊙
Prop. Control of Access Line	⊙
Exist. Easement Line	----- <sup>E</sup> -----
Prop. Temp. Construction Easement Line	----- <sup>E</sup> -----
Prop. Temp. Drainage Easement Line	----- <sup>TDE</sup> -----
Prop. Perm. Drainage Easement Line	----- <sup>PDE</sup> -----

## HYDROLOGY

Stream or Body of Water	-----
Flow Arrow	→
Disappearing Stream	Y-----
Spring	○-----
Swamp Marsh	⊥
Shoreline	-----
Falls, Rapids	-----
Prop Lateral, Tail, Head Ditches	----- FLOW

## STRUCTURES

MAJOR	
Bridge, Tunnel, or Box Culvert	----- <sup>CONC</sup> -----
Bridge Wing Wall, Head Wall and End Wall	----- <sup>CONC WW</sup> -----

MINOR	
Head & End Wall	----- <sup>CONC HW</sup> -----
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	⊞
Cable TV Pedestal	⊞
Hydrant	⊕
Satellite Dish	⊗
Exist. Water Valve	⊗
Sewer Clean Out	⊕
Power Manhole	⊕
Telephone Booth	⊞
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	----- <sup>TS</sup> -----

Recorded Water Line	----- <sup>W</sup> -----
Designated Water Line (S.U.E.*)	----- <sup>W</sup> -----
Sanitary Sewer	----- <sup>SS</sup> -----
Recorded Sanitary Sewer Force Main	----- <sup>FSS</sup> -----
Designated Sanitary Sewer Force Main(S.U.E.*)	----- <sup>FSS</sup> -----
Recorded Gas Line	----- <sup>G</sup> -----
Designated Gas Line (S.U.E.*)	----- <sup>G</sup> -----
Storm Sewer	----- <sup>S</sup> -----
Recorded Power Line	----- <sup>P</sup> -----
Designated Power Line (S.U.E.*)	----- <sup>P</sup> -----
Recorded Telephone Cable	----- <sup>T</sup> -----
Designated Telephone Cable (S.U.E.*)	----- <sup>T</sup> -----
Recorded U/G Telephone Conduit	----- <sup>TC</sup> -----
Designated U/G Telephone Conduit (S.U.E.*)	----- <sup>TC</sup> -----
Unknown Utility (S.U.E.*)	----- <sup>PUTL</sup> -----
Recorded Television Cable	----- <sup>TV</sup> -----
Designated Television Cable (S.U.E.*)	----- <sup>TV</sup> -----
Recorded Fiber Optics Cable	----- <sup>FO</sup> -----
Designated Fiber Optics Cable (S.U.E.*)	----- <sup>FO</sup> -----
Exist. Water Meter	⊕
U/G Test Hole (S.U.E.*)	⊕
Abandoned According to U/G Record	ATTUR
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	⊕
Property Corner	+
Property Monument	⊞
Property Number	123
Parcel Number	6
Fence Line	----- <sup>WW &amp; ISBW</sup> -----
Existing Wetland Boundaries	----- <sup>WLB</sup> -----
Proposed Wetland Boundaries	----- <sup>WLB</sup> -----
Existing Endangered Animal Boundaries	----- <sup>EAB</sup> -----
Existing Endangered Plant Boundaries	----- <sup>EPB</sup> -----

## 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	⊕
Paved Walk	-----
Bridge	-----
Box Culvert or Tunnel	-----
Ferry	-----
Culvert	-----
Footbridge	-----
Trail, Footpath	-----
Light House	⊕

## VEGETATION

Single Tree	⊕
Single Shrub	⊕
Hedge	-----
Woods Line	-----
Orchard	-----
Vineyard	----- <sup>VINEYARD</sup> -----

## RAILROADS

Standard Gauge	-----
RR Signal Milepost	----- <sup>CSX TRANSPORTATION</sup> -----
Switch	----- <sup>SWITCH</sup> -----