

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	----- CFWR
Exist. Guardrail	----- T T
Prop. Guardrail	----- T T
Exist. Cable Guiderail	----- P P
Prop. Cable Guiderail	----- P P
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	----- ▲
RW Marker (Iron Pin & Cap)	----- ▲
Prop. Right of Way Line with Proposed	----- ▲
(Concrete or Granite) RW Marker	----- ●
Exist. Control of Access Line	----- C A
Prop. Control of Access Line	----- C 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	-----
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	----- □
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	----- TS TS

Recorded Water Line	----- W W
Designated Water Line (S.U.E.*)	----- W W
Sanitary Sewer	----- SS SS
Recorded Sanitary Sewer Force Main	----- FSS FSS
Designated Sanitary Sewer Force Main(S.U.E.*)	----- FSS FSS
Recorded Gas Line	----- G G
Designated Gas Line (S.U.E.*)	----- G G
Storm Sewer	----- S S
Recorded Power Line	----- P P
Designated Power Line (S.U.E.*)	----- P P
Recorded Telephone Cable	----- T T
Designated Telephone Cable (S.U.E.*)	----- T T
Recorded U/G Telephone Conduit	----- TC TC
Designated U/G Telephone Conduit (S.U.E.*)	----- TC TC
Unknown Utility (S.U.E.*)	----- ?UTL ?UTL
Recorded Television Cable	----- TV TV
Designated Television Cable (S.U.E.*)	----- TV TV
Recorded Fiber Optics Cable	----- FO FO
Designated Fiber Optics Cable (S.U.E.*)	----- FO FO
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	----- ECM
Property Number	----- 123
Parcel Number	----- 6
Fence Line	----- X X ISBW
Existing Wetland Boundaries	----- 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	----- CSX TRANSPORTATION
RR Signal Milepost	----- MILEPOST 35
Switch	----- SWITCH

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