

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 T T
Prop. Guardrail	----- T T T
Exist. Cable Guiderail	----- - - - -
Prop. Cable Guiderail	----- - - - -
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	----- - - - -
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	----- ⊕
Exist. Iron Pin	----- ⊕
Property Corner	----- +
Property Monument	----- ECM
Property Number	----- 123
Parcel Number	----- 6
Fence Line	----- -X-X- WW & 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	----- -----

RAILROADS

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

5/28/99

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revised 11/09/00