

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

\*S.U.E = SUBSURFACE UTILITY ENGINEER

CONVENTIONAL SYMBOLS

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	— T — — — — —
Exist. Cable Guiderail	— + — — — — —
Prop. Cable Guiderail	— 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 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	— — — — —
Flow Arrow	— → — — — — —
Disappearing Stream	— > — — — — —
Spring	— (S) — — — — —
Swamp Marsh	— (S) — — — — —
Shoreline	— — — — —
Falls, Rapids	— + — — — — —
Prop Lateral, Tail, Head Ditches	— (D) — — — — —

STRUCTURES

MAJOR Bridge, Tunnel, or Box Culvert	— CONC — — — — —
Bridge Wing Wall, Head Wall and End Wall	— (CONC WW) — — — — —

MINOR

Head & End Wall	— CONG 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	— (S) — — — — —
Exist. Water Valve	— (V) — — — — —
Sewer Clean Out	— (C) — — — — —
Power Manhole	— (P) — — — — —
Telephone Booth	— (B) — — — — —
Water Manhole	— (W) — — — — —
Light Pole	— (L) — — — — —
H-Frame Pole	— (H) — — — — —
Power Line Tower	— (T) — — — — —
Pole with Base	— (P) — — — — —
Gas Valve	— (V) — — — — —
Gas Meter	— (M) — — — — —
Telephone Manhole	— (T) — — — — —
Power Transformer	— (T) — — — — —
Sanitary Sewer Manhole	— (S) — — — — —
Storm Sewer Manhole	— (S) — — — — —
Tank; Water, Gas, Oil	— (T) — — — — —
Water Tank With Legs	— (T) — — — — —
Traffic Signal Junction Box	— (S) — — — — —
Fiber Optic Splice Box	— (S) — — — — —
Television or Radio Tower	— (T) — — — — —
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	— (M) — — — — —
UG Test Hole (S.U.E.*)	— (M) — — — — —
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	— (P) — — — — —
Exist. Iron Pin	— (IP) — — — — —
Property Corner	— (C) — — — — —
Property Monument	— (M) — — — — —
Property Number	— (N) — — — — —
Parcel Number	— (P) — — — — —
Fence Line	— (F) — — — — —
Existing Wetland Boundaries	— WLB — — — — —
Proposed Wetland Boundaries	— WLB — — — — —
Existing Endangered Animal Boundaries	— EAB — — — — —
Existing Endangered Plant Boundaries	— EPB — — — — —

BUILDINGS & OTHER CULTURE

Buildings	— (B) — — — — —
Foundations	— (F) — — — — —
Area Outline	— (A) — — — — —
Gate	— (G) — — — — —
Gas Pump Vent or U/G Tank Cap	— (G) — — — — —
Church	— (C) — — — — —
School	— (S) — — — — —
Park	— (P) — — — — —
Cemetery	— (C) — — — — —
Dam	— (D) — — — — —
Sign	— (S) — — — — —
Well	— (W) — — — — —
Small Mine	— (M) — — — — —
Swimming Pool	— (S) — — — — —

TOPOGRAPHY

Loose Surface	— (L) — — — — —
Hard Surface	— (H) — — — — —
Change in Road Surface	— (C) — — — — —
Curb	— (C) — — — — —
Right of Way Symbol	— R/W — — — — —
Guard Post	— (G) — — — — —
Paved Walk	— (P) — — — — —
Bridge	— (B) — — — — —
Box Culvert or Tunnel	— (C) — — — — —
Ferry	— (F) — — — — —
Culvert	— (C) — — — — —
Footbridge	— (F) — — — — —
Trail, Footpath	— (T) — — — — —
Light House	— (L) — — — — —

VEGETATION

Single Tree	— (T) — — — — —
Single Shrub	— (S) — — — — —
Hedge	— (H) — — — — —
Woods Line	— (W) — — — — —
Orchard	— (O) — — — — —
Vineyard	— (V) — — — — —

RAILROADS

Standard Gauge	— (S) — — — — —
RR Signal Milepost	— (M) — — — — —
Switch	— (S) — — — — —