

**Note: Not to Scale**

**\*S.U.E. = Subsurface Utility Engineering**

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

# CONVENTIONAL PLAN SHEET SYMBOLS

**BOUNDARIES AND PROPERTY:**

State Line	-----
County Line	-----
Township Line	-----
City Line	-----
Reservation Line	-----
Property Line	-----
Existing Iron Pin	○
Property Corner	→
Property Monument	□
Parcel/Sequence Number	(23)
Existing Fence Line	-x-x-x-
Proposed Woven Wire Fence	○
Proposed Chain Link Fence	□
Proposed Barbed Wire Fence	◇
Existing Wetland Boundary	-WLB-
Proposed Wetland Boundary	-WLB-
Existing High Quality Wetland Boundary	-HQ WLB-
Existing Endangered Animal Boundary	-EAB-
Existing Endangered Plant Boundary	-EPB-

**BUILDINGS AND OTHER CULTURE:**

Gas Pump Vent or U/G Tank Cap	○
Sign	○
Well	○
Small Mine	⊗
Foundation	□
Area Outline	□
Cemetery	□
Building	□
School	□
Church	□
Dam	▬

**HYDROLOGY:**

Stream or Body of Water	▬
Hydro, Pool or Reservoir	▬
River Basin Buffer	-RBB-
Flow Arrow	←
Disappearing Stream	→
Spring	○
Swamp Marsh	▬
Proposed Lateral, Tail, Head Ditch	▬
False Sump	▬

**RAILROADS:**

Standard Gauge	▬
RR Signal Milepost	○
Switch	□
RR Abandoned	▬
RR Dismantled	▬

**RIGHT OF WAY:**

Baseline Control Point	◆
Existing Right of Way Marker	△
Existing Right of Way Line	▬
Proposed Right of Way Line	▬
Proposed Right of Way Line with Iron Pin and Cap Marker	▬
Proposed Right of Way Line with Concrete or Granite Marker	▬
Existing Control of Access	○
Proposed Control of Access	○
Existing Easement Line	-E-
Proposed Temporary Construction Easement	-E-
Proposed Temporary Drainage Easement	-TDE-
Proposed Permanent Drainage Easement	-PDE-
Proposed Permanent Utility Easement	-PUE-

**ROADS AND RELATED FEATURES:**

Existing Edge of Pavement	▬
Existing Curb	▬
Proposed Slope Stakes Cut	-C-
Proposed Slope Stakes Fill	-F-
Proposed Wheel Chair Ramp	○
Curb Cut for Future Wheel Chair Ramp	○
Existing Metal Guardrail	▬
Proposed Guardrail	▬
Existing Cable Guiderail	▬
Proposed Cable Guiderail	▬
Equality Symbol	⊕
Pavement Removal	▬

**VEGETATION:**

Single Tree	○
Single Shrub	○
Hedge	▬
Woods Line	▬
Orchard	▬
Vineyard	▬

**EXISTING STRUCTURES:**

MAJOR:	
Bridge, Tunnel or Box Culvert	▬
Bridge Wing Wall, Head Wall and End Wall	▬
MINOR:	
Head and End Wall	▬
Pipe Culvert	▬
Footbridge	▬
Drainage Box: Catch Basin, DI or JB	□
Paved Ditch Gutter	▬
Storm Sewer Manhole	○
Storm Sewer	▬

**UTILITIES:**

POWER:	
Existing Power Pole	●
Proposed Power Pole	○
Existing Joint Use Pole	●
Proposed Joint Use Pole	○
Power Manhole	○
Power Line Tower	⊗
Power Transformer	⊗
U/G Power Cable Hand Hole	□
H-Frame Pole	●
Recorded U/G Power Line	▬
Designated U/G Power Line (S.U.E.*)	▬

**TELEPHONE:**

Existing Telephone Pole	●
Proposed Telephone Pole	○
Telephone Manhole	○
Telephone Booth	□
Telephone Pedestal	□
Telephone Cell Tower	⊗
U/G Telephone Cable Hand Hole	□
Recorded U/G Telephone Cable	▬
Designated U/G Telephone Cable (S.U.E.*)	▬
Recorded U/G Telephone Conduit	▬
Designated U/G Telephone Conduit (S.U.E.*)	▬
Recorded U/G Fiber Optics Cable	▬
Designated U/G Fiber Optics Cable (S.U.E.*)	▬

**WATER:**

Water Manhole	○
Water Meter	○
Water Valve	⊗
Water Hydrant	⊗
Recorded U/G Water Line	▬
Designated U/G Water Line (S.U.E.*)	▬
Above Ground Water Line	▬

**TV:**

TV Satellite Dish	⊗
TV Pedestal	□
TV Tower	⊗
U/G TV Cable Hand Hole	□
Recorded U/G TV Cable	▬
Designated U/G TV Cable (S.U.E.*)	▬
Recorded U/G Fiber Optic Cable	▬
Designated U/G Fiber Optic Cable (S.U.E.*)	▬

**GAS:**

Gas Valve	◇
Gas Meter	⊗
Recorded U/G Gas Line	▬
Designated U/G Gas Line (S.U.E.*)	▬
Above Ground Gas Line	▬

**SANITARY SEWER:**

Sanitary Sewer Manhole	⊗
Sanitary Sewer Cleanout	⊗
U/G Sanitary Sewer Line	▬
Above Ground Sanitary Sewer	▬
Recorded SS Forced Main Line	▬
Designated SS Forced Main Line (S.U.E.*)	▬

**MISCELLANEOUS:**

Utility Pole	●
Utility Pole with Base	□
Utility Located Object	○
Utility Traffic Signal Box	□
Utility Unknown U/G Line	▬
U/G Tank; Water, Gas, Oil	▬
A/G Tank; Water, Gas, Oil	▬
U/G Test Hole (S.U.E.*)	⊗
Abandoned According to Utility Records	AATUR
End of Information	E.O.I.