

STATE OF NORTH CAROLINA, DIVISION OF HIGHWAYS  
CONVENTIONAL PLAN SHEET SYMBOLS

**BOUNDARIES AND PROPERTY:**

Table listing symbols for boundaries and property: State Line, County Line, Township Line, City Line, Reservation Line, Property Line, Existing Iron Pin, Computed Property Corner, Property Monument, Parcel/Sequence Number, Existing Fence Line, Proposed Woven Wire Fence, Proposed Chain Link Fence, Proposed Barbed Wire Fence, Existing Wetland Boundary, Proposed Wetland Boundary, Existing Endangered Animal Boundary, Existing Endangered Plant Boundary, Existing Historic Property Boundary, Known Contamination Area: Soil, Potential Contamination Area: Soil, Known Contamination Area: Water, Potential Contamination Area: Water, Contaminated Site: Known or Potential.

**BUILDINGS AND OTHER CULTURE:**

Table listing symbols for 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:**

Table listing symbols for hydrology: Stream or Body of Water, Hydro, Pool or Reservoir, Jurisdictional Stream, Buffer Zone 1, Buffer Zone 2, Flow Arrow, Disappearing Stream, Spring, Wetland, Proposed Lateral, Tail, Head Ditch, False Sump.

**RAILROADS:**

Table listing symbols for railroads: Standard Gauge, RR Signal Milepost, Switch, RR Abandoned, RR Dismantled.

Note: Not to Scale

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

**RIGHT OF WAY & PROJECT CONTROL:**

Table listing symbols for right of way and project control: Secondary Horiz and Vert Control Point, Primary Horiz Control Point, Primary Horiz and Vert Control Point, Exist Permanent Easement Pin and Cap, New Permanent Easement Pin and Cap, Vertical Benchmark, Existing Right of Way Marker, Existing Right of Way Line, New Right of Way Line, New Right of Way Line with Pin and Cap, New Right of Way Line with Concrete or Granite RW Marker, New Control of Access Line with Concrete C/A Marker, Existing Control of Access, New Control of Access, Existing Easement Line, New Temporary Construction Easement, New Temporary Drainage Easement, New Permanent Drainage Easement, New Permanent Drainage / Utility Easement, New Temporary Utility Easement, New Aerial Utility Easement.

**ROADS AND RELATED FEATURES:**

Table listing symbols for roads and related features: Existing Edge of Pavement, Existing Curb, Proposed Slope Stakes Cut, Proposed Slope Stakes Fill, Proposed Curb Ramp, Existing Metal Guardrail, Proposed Guardrail, Existing Cable Guiderail, Proposed Cable Guiderail, Equality Symbol, Pavement Removal.

**VEGETATION:**

Table listing symbols for vegetation: Single Tree, Single Shrub.

Table listing symbols for existing structures: Hedge, Woods Line, Orchard, Vineyard.

**EXISTING STRUCTURES:**

Table listing symbols for 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:**

Table listing symbols for 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, U/G Power Line LOS B (S.U.E.\*), U/G Power Line LOS C (S.U.E.\*), U/G Power Line LOS D (S.U.E.\*); TELEPHONE: Existing Telephone Pole, Proposed Telephone Pole, Telephone Manhole, Telephone Pedestal, Telephone Cell Tower, U/G Telephone Cable Hand Hole, U/G Telephone Cable LOS B (S.U.E.\*), U/G Telephone Cable LOS C (S.U.E.\*), U/G Telephone Cable LOS D (S.U.E.\*), U/G Telephone Conduit LOS B (S.U.E.\*), U/G Telephone Conduit LOS C (S.U.E.\*), U/G Telephone Conduit LOS D (S.U.E.\*), U/G Fiber Optics Cable LOS B (S.U.E.\*), U/G Fiber Optics Cable LOS C (S.U.E.\*), U/G Fiber Optics Cable LOS D (S.U.E.\*).

**WATER:**

Table listing symbols for water: Water Manhole, Water Meter, Water Valve, Water Hydrant, U/G Water Line LOS B (S.U.E.\*), U/G Water Line LOS C (S.U.E.\*), U/G Water Line LOS D (S.U.E.\*), Above Ground Water Line.

**TV:**

Table listing symbols for TV: TV Pedestal, TV Tower, U/G TV Cable Hand Hole, U/G TV Cable LOS B (S.U.E.\*), U/G TV Cable LOS C (S.U.E.\*), U/G TV Cable LOS D (S.U.E.\*), U/G Fiber Optic Cable LOS B (S.U.E.\*), U/G Fiber Optic Cable LOS C (S.U.E.\*), U/G Fiber Optic Cable LOS D (S.U.E.\*).

**GAS:**

Table listing symbols for gas: Gas Valve, Gas Meter, U/G Gas Line LOS B (S.U.E.\*), U/G Gas Line LOS C (S.U.E.\*), U/G Gas Line LOS D (S.U.E.\*), Above Ground Gas Line.

**SANITARY SEWER:**

Table listing symbols for sanitary sewer: Sanitary Sewer Manhole, Sanitary Sewer Cleanout, U/G Sanitary Sewer Line, Above Ground Sanitary Sewer, SS Forced Main Line LOS B (S.U.E.\*), SS Forced Main Line LOS C (S.U.E.\*), SS Forced Main Line LOS D (S.U.E.\*).

**MISCELLANEOUS:**

Table listing symbols for miscellaneous: Utility Pole, Utility Pole with Base, Utility Located Object, Utility Traffic Signal Box, Utility Unknown U/G Line LOS B (S.U.E.\*), U/G Tank; Water, Gas, Oil, Underground Storage Tank, Approx. Loc., A/G Tank; Water, Gas, Oil, Geoenvironmental Boring, U/G Test Hole LOS A (S.U.E.\*), Abandoned According to Utility Records, End of Information.