

**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                      | ○ EIP        |
| Property Corner                        | -----        |
| Property Monument                      | □ ECM        |
| Parcel/Sequence Number                 | (23)         |
| Existing Fence Line                    | -----        |
| 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                          | ○ W |
| 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 | ○ MILEPOST 35 |
| Switch             | □ 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            | ----- WCR  |
| Curb Cut for Future Wheel Chair Ramp | ----- CCFR |
| 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     | ----- Vineyard |

**EXISTING STRUCTURES:**

|  |               |
|--|---------------|
| MAJOR:                                   |               |
| Bridge, Tunnel or Box Culvert            | ----- CONC    |
| Bridge Wing Wall, Head Wall and End Wall | ----- CONC WW |
| MINOR:                                   |               |
| Head and End Wall                        | ----- CONC HW |
| Pipe Culvert                             | -----         |
| Footbridge                               | -----         |
| Drainage Box: Catch Basin, DI or JB      | □ CB          |
| Paved Ditch Gutter                       | -----         |
| Storm Sewer Manhole                      | ○             |
| Storm Sewer                              | ----- S       |

**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             | ----- P |
| Designated U/G Power Line (S.U.E.*) | ----- P |

**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                | ----- T    |
| Designated U/G Telephone Cable (S.U.E.*)    | ----- T    |
| Recorded U/G Telephone Conduit              | ----- TC   |
| Designated U/G Telephone Conduit (S.U.E.*)  | ----- TC   |
| Recorded U/G Fiber Optics Cable             | ----- T FO |
| Designated U/G Fiber Optics Cable (S.U.E.*) | ----- T FO |

**WATER:**

|                                     |                 |
|-------------------------------------|-----------------|
| Water Manhole                       | ○               |
| Water Meter                         | ○               |
| Water Valve                         | ⊗               |
| Water Hydrant                       | ⊕               |
| Recorded U/G Water Line             | ----- W         |
| Designated U/G Water Line (S.U.E.*) | ----- W         |
| Above Ground Water Line             | ----- A/G Water |

**TV:**

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

**GAS:**

|                                   |               |
|-----------------------------------|---------------|
| Gas Valve                         | ◇             |
| Gas Meter                         | ⊕             |
| Recorded U/G Gas Line             | ----- G       |
| Designated U/G Gas Line (S.U.E.*) | ----- G       |
| Above Ground Gas Line             | ----- A/G Gas |

**SANITARY SEWER:**

|  |                          |
|--|--------------------------|
| Sanitary Sewer Manhole                   | ⊕                        |
| Sanitary Sewer Cleanout                  | ⊕                        |
| U/G Sanitary Sewer Line                  | ----- SS                 |
| Above Ground Sanitary Sewer              | ----- A/G Sanitary Sewer |
| Recorded SS Forced Main Line             | ----- FSS                |
| Designated SS Forced Main Line (S.U.E.*) | ----- FSS                |

**MISCELLANEOUS:**

|  |           |
|--|-----------|
| Utility Pole                           | ●         |
| Utility Pole with Base                 | □         |
| Utility Located Object                 | ○         |
| Utility Traffic Signal Box             | □         |
| Utility Unknown U/G Line               | ----- UTL |
| 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.    |