

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 | ----- |
| Prop. Guardrail | ----- |
| 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 | -----▲----- |
| 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 | -----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 | ----- |
| River Basin Buffer | -----RBB----- |
| 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 | ⊞ |
| UG Telephone Cable Hand Hold | ⊞ |
| Cable TV Pedestal | ⊞ |
| UG TV Cable Hand Hold | ⊞ |
| UG Power Cable Hand Hold | ⊞ |
| Hydrant | ⊞ |
| Satellite Dish | ⊞ |
| Exist. Water Valve | ⊞ |
| Sewer Clean Out | ⊞ |
| Power Manhole | ⊞ |
| Telephone Booth | ⊞ |
| Cellular Telephone Tower | ⊞ |
| 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----- |

| | |
|---|----------------|
| 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 | ⊞ |
| UG 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 | ⊞ |
| Property Number | ⊞ |
| Parcel Number | ⊞ |
| Fence Line | -----X X X----- |
| Existing Wetland Boundaries | -----WW & ISBW----- |
| 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 | -----VINEYARD----- |

RAILROADS

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

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