

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 | ----- T ----- |
| Prop. Guardrail | ----- 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 R/W Marker (Iron Pin & Cap) | ----- ▲ ----- |
| Prop. Right of Way Line with Proposed (Concrete or Granite) R/W Marker | ----- ● (R/W) ----- |
| 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 | ----- |
| River Basin Buffer | ----- BZ ----- |
| 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 | ----- T ----- |
| U/G Telephone Cable Hand Hold | ----- T _H ----- |
| Cable TV Pedestal | ----- C ----- |
| U/G TV Cable Hand Hold | ----- T _H ----- |
| U/G Power Cable Hand Hold | ----- T _H ----- |
| Hydrant | ----- ● ----- |
| Satellite Dish | ----- ☉ ----- |
| Exist. Water Valve | ----- ⊕ ----- |
| Sewer Clean Out | ----- ⊕ ----- |
| Power Manhole | ----- P ----- |
| Telephone Booth | ----- T ----- |
| Cellular Telephone Tower | ----- T _C ----- |
| Water Manhole | ----- W ----- |
| Light Pole | ----- ○ ----- |
| H-Frame Pole | ----- ○ ----- |
| Power Line Tower | ----- ⊗ ----- |
| Pole with Base | ----- □ ----- |
| Gas Valve | ----- ◇ ----- |
| Gas Meter | ----- ⊕ ----- |
| Telephone Manhole | ----- T ----- |
| Power Transformer | ----- ⊕ ----- |
| Sanitary Sewer Manhole | ----- S ----- |
| Storm Sewer Manhole | ----- S ----- |
| Tank; Water, Gas, Oil | ----- ○ ----- |
| Water Tank With Legs | ----- ○ ----- |
| Traffic Signal Junction Box | ----- S ----- |
| Fiber Optic Splice Box | ----- F ----- |
| 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 | ----- ⊕ ----- |
| U/G 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 | ----- EIP ----- |
| Exist. Iron Pin | ----- ⊕ ----- |
| Property Corner | ----- + ----- |
| Property Monument | ----- ECM ----- |
| Property Number | ----- (123) ----- |
| Parcel Number | ----- (6) ----- |
| 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 | ----- |

RAILROADS

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

5/28/99

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