

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

*S.U.E = SUBSURFACE UTILITY ENGINEER

CONVENTIONAL SYMBOLS

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 | ----- |
| Curb Cut for Future Wheelchair Ramp | ----- |
| 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 | ----- |
| Prop. Temp. Construction Easement Line | ----- |
| 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 | ----- |

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 | ----- |
| U/G Telephone Cable Hand Hold | ----- |
| Cable TV Pedestal | ----- |
| U/G TV Cable Hand Hold | ----- |
| U/G 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 | ----- |
| 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 | ----- |
| Exist. Iron Pin | ----- |
| Property Corner | ----- |
| Property Monument | ----- |
| Property Number | ----- |
| Parcel Number | ----- |
| Fence Line | ----- WW & ISBW |
| Existing Wetland Boundaries | ----- WLB |
| High Quality Wetland Boundary | ----- HQ WLB |
| Medium Quality Wetland Boundaries | ----- MQ WLB |
| Low Quality Wetland Boundaries | ----- LQ WLB |
| 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 | ----- MILEPOST 35 |
| Switch | ----- SWITCH |

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