

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CONVENTIONAL SYMBOLS

BUILDINGS & OTHER CULTURE

*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 RW Marker (Iron Pin & Cap) | ▲ |
| Prop. Right of Way Line with Proposed (Concrete or Granite) RW 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 | Y |
| 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 | Y |
| 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 UG Telephone Conduit | ---TC--- |
| Designated UG 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 UG 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 | 123 |
| Parcel Number | 6 |
| Fence Line | ---X--- |
| Existing Wetland Boundaries | ---WW & ISBW--- |
| High Quality Wetland Boundary | ---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 | --- |
| Foundations | --- |
| Area Outline | --- |
| Gate | --- |
| Gas Pump Vent or UG 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 | --- |

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