

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 & Obliterate	⊗

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—TS—

Recorded Water Line	— W — W —
Designated Water Line (S.U.E.*)	--- W --- W ---
Sanitary Sewer	— SS — SS —
Recorded Sanitary Sewer Force Main	— FSS — FSS —
Designated Sanitary Sewer Force Main(S.U.E.*)	--- FSS --- FSS ---
Recorded Gas Line	— G — G —
Designated Gas Line (S.U.E.*)	--- G --- G ---
Storm Sewer	— S — S —
Recorded Power Line	— P — P —
Designated Power Line (S.U.E.*)	--- P --- P ---
Recorded Telephone Cable	— T — T —
Designated Telephone Cable (S.U.E.*)	--- T --- T ---
Recorded U/G Telephone Conduit	— TC — TC —
Designated U/G Telephone Conduit (S.U.E.*)	--- TC --- TC ---
Unknown Utility (S.U.E.*)	— ?UTL — ?UTL —
Recorded Television Cable	— TV — TV —
Designated Television Cable (S.U.E.*)	--- TV --- TV ---
Recorded Fiber Optics Cable	— FO — FO —
Designated Fiber Optics Cable (S.U.E.*)	--- FO --- 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	123
Parcel Number	6
Fence Line	— X — X — X —
Existing Wetland Boundaries	— WW & ISBW —
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	⊕
Switch	⊕

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