

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	WCR
Curb Cut for Future Wheelchair Ramp	CCFR
Exist. Guardrail	-----
Prop. Guardrail	-----
Equality Symbol	⊕
Pavement Removal	XXXX

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	○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	-----

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—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	⊕
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	123
Parcel Number	6
Fence Line	XX—XX
Existing Wetland Boundaries	WW & ISBW
High Quality Wetland Boundary	HO WLB
Medium Quality Wetland Boundaries	MO WLB
Low Quality Wetland Boundaries	LO 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