

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	----- [X] -----

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	----- (C/A) -----
Prop. Control of Access Line	----- (C/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	----- (S) -----
Swamp Marsh	----- (M) -----
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	----- [TH] -----
Cable TV Pedestal	----- [C] -----
U/G TV Cable Hand Hold	----- [TV] -----
U/G Power Cable Hand Hold	----- [P] -----
Hydrant	----- [H] -----
Satellite Dish	----- [SD] -----
Exist. Water Valve	----- [WV] -----
Sewer Clean Out	----- [SCO] -----
Power Manhole	----- [PM] -----
Telephone Booth	----- [TB] -----
Cellular Telephone Tower	----- [CTT] -----
Water Manhole	----- [WM] -----
Light Pole	----- [LP] -----
H-Frame Pole	----- [HP] -----
Power Line Tower	----- [PLT] -----
Pole with Base	----- [PW] -----
Gas Valve	----- [GV] -----
Gas Meter	----- [GM] -----
Telephone Manhole	----- [TM] -----
Power Transformer	----- [PT] -----
Sanitary Sewer Manhole	----- [SSM] -----
Storm Sewer Manhole	----- [SSM] -----
Tank; Water, Gas, Oil	----- [T] -----
Water Tank With Legs	----- [TWL] -----
Traffic Signal Junction Box	----- [TSJB] -----
Fiber Optic Splice Box	----- [FOSB] -----
Television or Radio Tower	----- [TRT] -----
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.*)	----- PUTL -----
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	----- [W] -----
U/G Test Hole (S.U.E.*)	----- [TH] -----
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	----- [PL] -----
Exist. Iron Pin	----- [EIP] -----
Property Corner	----- [PC] -----
Property Monument	----- [PM] -----
Property Number	----- [123] -----
Parcel Number	----- [6] -----
Fence Line	----- [X] -----
Existing Wetland Boundaries	----- [WW & ISBW] -----
High Quality Wetland Boundary	----- [HQ 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	----- [] -----

RAILROADS

Standard Gauge	----- [] -----
RR Signal Milepost	----- [] -----
Switch	----- [] -----

5/28/99
3-FEB-2004 10:54
B:\p01\04139\1\rd12492.dgn
B:\p01\04139\1\rd12492