

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

*S.U.E = SUBSURFACE UTILITY ENGINEER

CONVENTIONAL SYMBOLS

ROADS & RELATED ITEMS

Table listing symbols for roads and related items: Edge of Pavement, Curb, Prop. Slope Stakes Cut, Prop. Slope Stakes Fill, 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, Exist. Cable Guiderail, Prop. Cable Guiderail, Equality Symbol, Pavement Removal.

RIGHT OF WAY

Table listing symbols for 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, Prop. Temp. Construction Easement Line, Prop. Temp. Drainage Easement Line, Prop. Perm. Drainage Easement Line.

HYDROLOGY

Table listing symbols for hydrology: Stream or Body of Water, Flow Arrow, Disappearing Stream, Spring, Swamp Marsh, Shoreline, Falls, Rapids, Prop Lateral, Tail, Head Ditches.

STRUCTURES

Table listing symbols for structures: MAJOR Bridge, Tunnel, or Box Culvert, Bridge Wing Wall, Head Wall and End Wall.

MINOR

Table listing symbols for minor structures: Head & End Wall, Pipe Culvert, Footbridge, Drainage Boxes, Paved Ditch Gutter.

UTILITIES

Table listing symbols for 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, Cable TV Pedestal, Hydrant, Satellite Dish, Exist. Water Valve, Sewer Clean Out, Power Manhole, Telephone Booth, 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.

Table listing symbols for utilities (continued): Recorded Water Line, Designated Water Line (S.U.E.*), Sanitary Sewer, Recorded Sanitary Sewer Force Main, Designated Sanitary Sewer Force Main(S.U.E.*), Recorded Gas Line, Designated Gas Line (S.U.E.*), Storm Sewer, Recorded Power Line, Designated Power Line (S.U.E.*), Recorded Telephone Cable, Designated Telephone Cable (S.U.E.*), Recorded U/G Telephone Conduit, Designated U/G Telephone Conduit (S.U.E.*), Unknown Utility (S.U.E.*), Recorded Television Cable, Designated Television Cable (S.U.E.*), Recorded Fiber Optics Cable, Designated Fiber Optics Cable (S.U.E.*), Exist. Water Meter, U/G Test Hole (S.U.E.*), Abandoned According to U/G Record, End of Information.

BOUNDARIES & PROPERTIES

Table listing symbols for boundaries and 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, Existing Wetland Boundaries, Proposed Wetland Boundaries, Existing Endangered Animal Boundaries, Existing Endangered Plant Boundaries.

BUILDINGS & OTHER CULTURE

Table listing symbols for buildings and 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

Table listing symbols for topography: Loose Surface, Hard Surface, Change in Road Surface, Curb, Right of Way Symbol, Guard Post, Paved Walk, Bridge, Box Culvert or Tunnel, Ferry, Culvert, Footbridge, Trail, Footpath, Light House.

VEGETATION

Table listing symbols for vegetation: Single Tree, Single Shrub, Hedge, Woods Line, Orchard, Vineyard.

RAILROADS

Table listing symbols for railroads: Standard Gauge, RR Signal Milepost, Switch.

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