

STATE OF NORTH CAROLINA, DIVISION OF HIGHWAYS CONVENTIONAL PLAN SHEET SYMBOLS

Note: Not to Scale

BOUNDARIES AND PROPERTY:

State Line	_____	
County Line	_____	
Township Line	_____	
City Line	_____	
Reservation Line	_____	
Property Line	_____	
Existing Iron Pin (EIP)	_____	○
Computed Property Corner	_____	×
Existing Concrete Monument (ECM)	_____	□
Parcel/Sequence Number	_____	(123)
Existing Fence Line	_____	-x-x-x-
Proposed Woven Wire Fence	_____	○
Proposed Chain Link Fence	_____	□
Proposed Barbed Wire Fence	_____	◇
Existing Wetland Boundary	_____	-WLB-
Proposed Wetland Boundary	_____	-WLB-
Existing Endangered Animal Boundary	_____	-EAB-
Existing Endangered Plant Boundary	_____	-EPB-
Existing Historic Property Boundary	_____	-HPB-
Known Contamination Area: Soil	_____	-S-S-
Potential Contamination Area: Soil	_____	-S-S-
Known Contamination Area: Water	_____	-W-W-
Potential Contamination Area: Water	_____	-W-W-
Contaminated Site: Known or Potential	_____	☠ ☢

BUILDINGS AND OTHER CULTURE:

Gas Pump Vent or U/G Tank Cap	_____	○
Sign	_____	⊙
Well	_____	⊙
Small Mine	_____	⊗
Foundation	_____	□
Area Outline	_____	□
Cemetery	_____	⊕
Building	_____	⊕
School	_____	⊕
Church	_____	⊕
Dam	_____	⊕

HYDROLOGY:

Stream or Body of Water	_____	
Hydro, Pool or Reservoir	_____	
Jurisdictional Stream	_____	-JS-
Buffer Zone 1	_____	-BZ 1-
Buffer Zone 2	_____	-BZ 2-
Flow Arrow	_____	←
Disappearing Stream	_____	→
Spring	_____	○
Wetland	_____	⊕
Proposed Lateral, Tail, Head Ditch	_____	→
False Sump	_____	⊕

RAILROADS:

Standard Gauge	_____	CSX TRANSPORTATION
RR Signal Milepost	_____	⊙
Switch	_____	SWITCH
RR Abandoned	_____	_____
RR Dismantled	_____	_____

RIGHT OF WAY & PROJECT CONTROL:

Primary Horiz Control Point	_____	○
Primary Horiz and Vert Control Point	_____	⊙
Secondary Horiz and Vert Control Point	_____	⊙
Vertical Benchmark	_____	⊕
Existing Right of Way Monument	_____	△
Proposed Right of Way Monument (Rebar and Cap)	_____	▲
Proposed Right of Way Monument (Concrete)	_____	⊕
Existing Permanent Easement Monument	_____	◇
Proposed Permanent Easement Monument (Rebar and Cap)	_____	⊕
Existing C/A Monument	_____	⊕
Proposed C/A Monument (Rebar and Cap)	_____	▲
Proposed C/A Monument (Concrete)	_____	⊕
Existing Right of Way Line	_____	⊕
Proposed Right of Way Line	_____	⊕
Existing Control of Access Line	_____	⊕
Proposed Control of Access Line	_____	⊕
Proposed ROW and CA Line	_____	⊕
Existing Easement Line	_____	-E-
Proposed Temporary Construction Easement	_____	-E-
Proposed Temporary Drainage Easement	_____	-TDE-
Proposed Permanent Drainage Easement	_____	-PDE-
Proposed Permanent Drainage/Utility Easement	_____	-DUE-
Proposed Permanent Utility Easement	_____	-PUE-
Proposed Temporary Utility Easement	_____	-TUE-
Proposed Aerial Utility Easement	_____	-AUE-

ROADS AND RELATED FEATURES:

Existing Edge of Pavement	_____	_____
Existing Curb	_____	_____
Proposed Slope Stakes Cut	_____	-C-
Proposed Slope Stakes Fill	_____	-F-
Proposed Curb Ramp	_____	CR
Existing Metal Guardrail	_____	T T T
Proposed Guardrail	_____	T T T
Existing Cable Guiderail	_____	□ □ □
Proposed Cable Guiderail	_____	□ □ □
Equality Symbol	_____	⊕
Pavement Removal	_____	⊕
VEGETATION:		
Single Tree	_____	⊕
Single Shrub	_____	⊕
Hedge	_____	⊕

Woods Line	_____	_____
Orchard	_____	⊕
Vineyard	_____	Vineyard

EXISTING STRUCTURES:

MAJOR:		
Bridge, Tunnel or Box Culvert	_____	CONC
Bridge Wing Wall, Head Wall and End Wall	_____	CONC WW
MINOR:		
Head and End Wall	_____	CONC HW
Pipe Culvert	_____	_____
Footbridge	_____	_____
Drainage Box: Catch Basin, DI or JB	_____	CB
Paved Ditch Gutter	_____	_____
Storm Sewer Manhole	_____	⊕
Storm Sewer	_____	S

UTILITIES:

* SUE - Subsurface Utility Engineering
LOS - Level of Service - A,B,C or D (Accuracy)

POWER:		
Existing Power Pole	_____	⊕
Proposed Power Pole	_____	⊕
Existing Joint Use Pole	_____	⊕
Proposed Joint Use Pole	_____	⊕
Power Manhole	_____	⊕
Power Line Tower	_____	⊕
Power Transformer	_____	⊕
U/G Power Cable Hand Hole	_____	⊕
H-Frame Pole	_____	⊕
U/G Power Line Test Hole (SUE - LOS A)*	_____	⊕
U/G Power Line (SUE - LOS B)*	_____	-P-
U/G Power Line (SUE - LOS C)*	_____	-P-
U/G Power Line (SUE - LOS D)*	_____	-P-

TELEPHONE:

Existing Telephone Pole	_____	⊕
Proposed Telephone Pole	_____	⊕
Telephone Manhole	_____	⊕
Telephone Pedestal	_____	⊕
Telephone Cell Tower	_____	⊕
U/G Telephone Cable Hand Hole	_____	⊕
U/G Telephone Test Hole (SUE - LOS A)*	_____	⊕
U/G Telephone Cable (SUE - LOS B)*	_____	-T-
U/G Telephone Cable (SUE - LOS C)*	_____	-T-
U/G Telephone Cable (SUE - LOS D)*	_____	-T-
U/G Telephone Conduit (SUE - LOS B)*	_____	-TC-
U/G Telephone Conduit (SUE - LOS C)*	_____	-TC-
U/G Telephone Conduit (SUE - LOS D)*	_____	-TC-
U/G Fiber Optics Cable (SUE - LOS B)*	_____	-T FO-
U/G Fiber Optics Cable (SUE - LOS C)*	_____	-T FO-
U/G Fiber Optics Cable (SUE - LOS D)*	_____	-T FO-

WATER:

Water Manhole	_____	⊕
Water Meter	_____	⊕
Water Valve	_____	⊕
Water Hydrant	_____	⊕
U/G Water Line Test Hole (SUE - LOS A)*	_____	⊕
U/G Water Line (SUE - LOS B)*	_____	-W-
U/G Water Line (SUE - LOS C)*	_____	-W-
U/G Water Line (SUE - LOS D)*	_____	-W-
Above Ground Water Line	_____	A/G Water
TV:		
TV Pedestal	_____	⊕
TV Tower	_____	⊕
U/G TV Cable Hand Hole	_____	⊕
U/G TV Test Hole (SUE - LOS A)*	_____	⊕
U/G TV Cable (SUE - LOS B)*	_____	-TV-
U/G TV Cable (SUE - LOS C)*	_____	-TV-
U/G TV Cable (SUE - LOS D)*	_____	-TV-
U/G Fiber Optic Cable (SUE - LOS B)*	_____	-TV FO-
U/G Fiber Optic Cable (SUE - LOS C)*	_____	-TV FO-
U/G Fiber Optic Cable (SUE - LOS D)*	_____	-TV FO-

GAS:

Gas Valve	_____	⊕
Gas Meter	_____	⊕
U/G Gas Line Test Hole (SUE - LOS A)*	_____	⊕
U/G Gas Line (SUE - LOS B)*	_____	-G-
U/G Gas Line (SUE - LOS C)*	_____	-G-
U/G Gas Line (SUE - LOS D)*	_____	-G-
Above Ground Gas Line	_____	A/G Gas
SANITARY SEWER:		
Sanitary Sewer Manhole	_____	⊕
Sanitary Sewer Cleanout	_____	⊕
U/G Sanitary Sewer Line	_____	-SS-
Above Ground Sanitary Sewer	_____	A/G Sanitary Sewer
SS Force Main Line Test Hole (SUE - LOS A)*	_____	⊕
SS Force Main Line (SUE - LOS B)*	_____	-FSS-
SS Force Main Line (SUE - LOS C)*	_____	-FSS-
SS Force Main Line (SUE - LOS D)*	_____	-FSS-

MISCELLANEOUS:

Utility Pole	_____	⊕
Utility Pole with Base	_____	⊕
Utility Located Object	_____	⊕
Utility Traffic Signal Box	_____	⊕
Utility Unknown U/G Line (SUE - LOS B)*	_____	-UTL-
U/G Tank; Water, Gas, Oil	_____	⊕
Underground Storage Tank, Approx. Loc.	_____	⊕
A/G Tank; Water, Gas, Oil	_____	⊕
Geoenvironmental Boring	_____	⊕
Abandoned According to Utility Records	_____	AATUR
End of Information	_____	E.O.I.