

# STATE OF NORTH CAROLINA, DIVISION OF HIGHWAYS

## CONVENTIONAL PLAN SHEET SYMBOLS

*Note: Not to Scale*

*\*S.U.E. = Subsurface Utility Engineering*

04/06/15

### BOUNDARIES AND PROPERTY:

State Line	-----
County Line	-----
Township Line	-----
City Line	-----
Reservation Line	-----
Property Line	-----
Existing Iron Pin	○ EP
Property Corner	→
Property Monument	□ ECM
Parcel/Sequence Number	(23)
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	☠ --- ☠
Potential Contamination Area: Soil	☠ --- ☠
Known Contamination Area: Water	☠ --- ☠
Potential Contamination Area: Water	☠ --- ☠
Contaminated Site: Known or Potential	☠ ☠

### BUILDINGS AND OTHER CULTURE:

Gas Pump Vent or U/G Tank Cap	○
Sign	○ S
Well	○ W
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	← FLOW
False Sump	▽

### RAILROADS:

Standard Gauge	-----
RR Signal Milepost	○ MILEPOST 35
Switch	□ SWITCH
RR Abandoned	-----
RR Dismantled	-----

### RIGHT OF WAY:

Baseline Control Point	◆
Existing Right of Way Marker	△
Existing Right of Way Line	-----
Proposed Right of Way Line	--- RW
Proposed Right of Way Line with Iron Pin and Cap Marker	--- RW
Proposed Right of Way Line with Concrete or Granite RW Marker	--- RW
Proposed Control of Access Line with Concrete C/A Marker	--- C/A
Existing Control of Access	--- C/A
Proposed Control of Access	--- C/A
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
Proposed Permanent Easement with Iron Pin and Cap Marker	◆

### 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	-----
Proposed Guardrail	-----
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:

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	--- P
H-Frame Pole	●
U/G Power Line LOS B (S.U.E.*)	--- P
U/G Power Line LOS C (S.U.E.*)	--- P
U/G Power Line LOS D (S.U.E.*)	--- P

### TELEPHONE:

Existing Telephone Pole	●
Proposed Telephone Pole	○
Telephone Manhole	⊙
Telephone Pedestal	⊠
Telephone Cell Tower	⊠
U/G Telephone Cable Hand Hole	--- T
U/G Telephone Cable LOS B (S.U.E.*)	--- T
U/G Telephone Cable LOS C (S.U.E.*)	--- T
U/G Telephone Cable LOS D (S.U.E.*)	--- T
U/G Telephone Conduit LOS B (S.U.E.*)	--- TC
U/G Telephone Conduit LOS C (S.U.E.*)	--- TC
U/G Telephone Conduit LOS D (S.U.E.*)	--- TC
U/G Fiber Optics Cable LOS B (S.U.E.*)	--- T FO
U/G Fiber Optics Cable LOS C (S.U.E.*)	--- T FO
U/G Fiber Optics Cable LOS D (S.U.E.*)	--- T FO

### WATER:

Water Manhole	⊙
Water Meter	○
Water Valve	⊗
Water Hydrant	⊕
U/G Water Line LOS B (S.U.E.*)	--- W
U/G Water Line LOS C (S.U.E.*)	--- W
U/G Water Line LOS D (S.U.E.*)	--- W
Above Ground Water Line	--- A/G Water

### TV:

TV Pedestal	⊠
TV Tower	⊗
U/G TV Cable Hand Hole	--- TV
U/G TV Cable LOS B (S.U.E.*)	--- TV
U/G TV Cable LOS C (S.U.E.*)	--- TV
U/G TV Cable LOS D (S.U.E.*)	--- TV
U/G Fiber Optic Cable LOS B (S.U.E.*)	--- TV FO
U/G Fiber Optic Cable LOS C (S.U.E.*)	--- TV FO
U/G Fiber Optic Cable LOS D (S.U.E.*)	--- TV FO

### GAS:

Gas Valve	◇
Gas Meter	⊕
U/G Gas Line LOS B (S.U.E.*)	--- G
U/G Gas Line LOS C (S.U.E.*)	--- G
U/G Gas Line LOS D (S.U.E.*)	--- 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 Forced Main Line LOS B (S.U.E.*)	--- FSS
SS Forced Main Line LOS C (S.U.E.*)	--- FSS
SS Forced Main Line LOS D (S.U.E.*)	--- FSS

### MISCELLANEOUS:

Utility Pole	●
Utility Pole with Base	⊠
Utility Located Object	○
Utility Traffic Signal Box	⊠
Utility Unknown U/G Line LOS B (S.U.E.*)	--- 2UTL
U/G Tank; Water, Gas, Oil	□
Underground Storage Tank, Approx. Loc.	⊕
A/G Tank; Water, Gas, Oil	□
Geoenvironmental Boring	⊕
U/G Test Hole LOS A (S.U.E.*)	⊕
Abandoned According to Utility Records	AATUR
End of Information	E.O.I.