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09/08/99

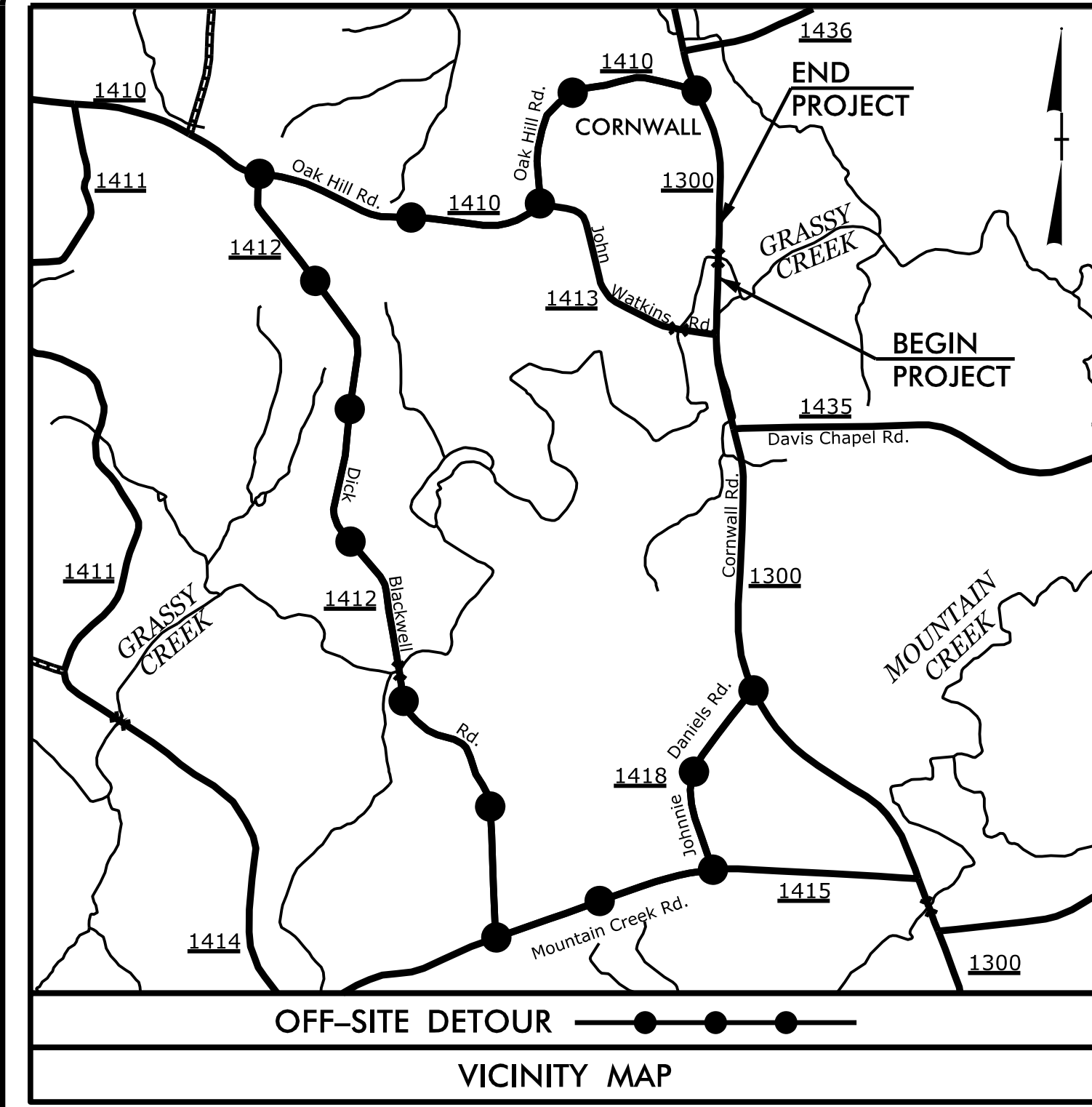
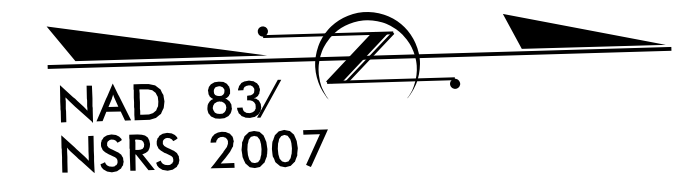
T.I.P. PROJECT: B-5166

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

T.I.P. NO.	SHEET NO.
B-5166	UO-1

# UTILITIES BY OTHERS GRANVILLE COUNTY

LOCATION: BRIDGE NO. 138 OVER GRASSY CREEK  
ON SR 1300 (CORNWALL RD.)  
TYPE OF WORK: OVERHEAD POWER AND COMMUNICATIONS RELOCATION



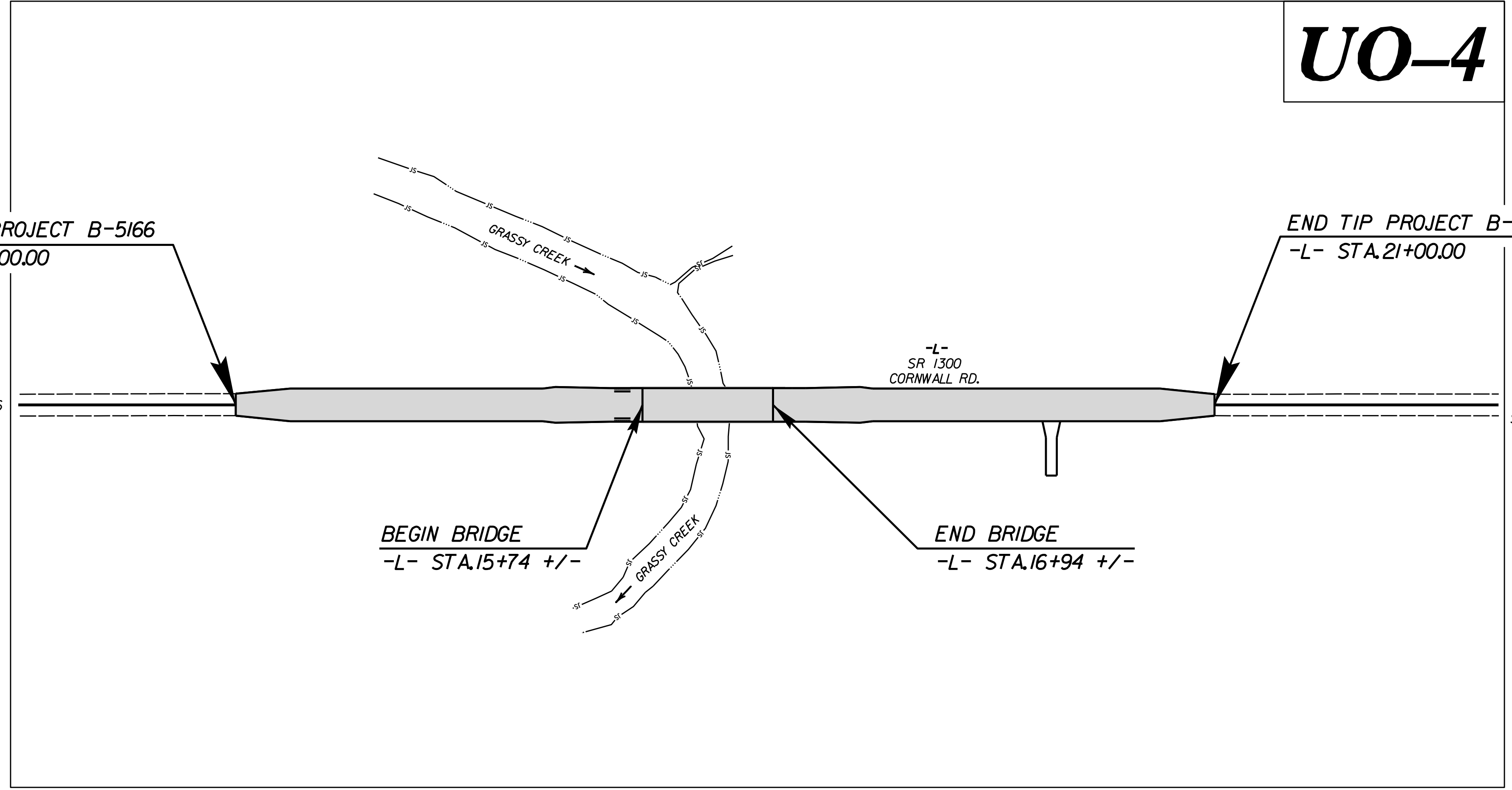
See Sheet 1-A For Index of Sheets  
See Sheet 1-B For Conventional Symbols

BEGIN TIP PROJECT B-5166  
-L- STA.12+00.00

END TIP PROJECT B-5166  
-L- STA.21+00.00

TO NC 96

TO VA STATE LINE

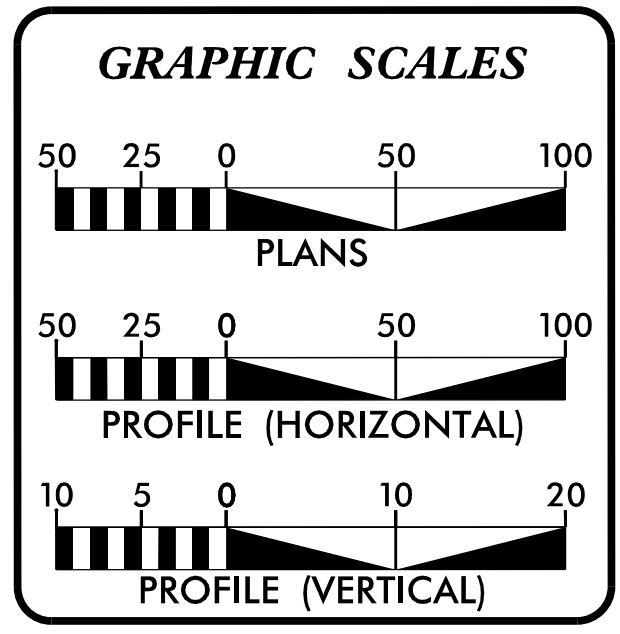
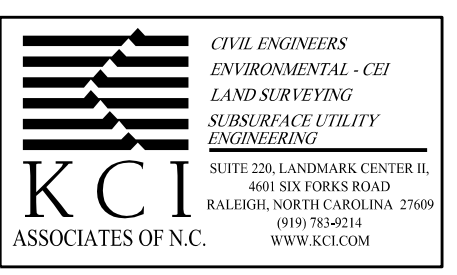


BEGIN BRIDGE  
-L- STA.15+74 +/-

END BRIDGE  
-L- STA.16+94 +/-

## UO-4

CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD \_\_\_\_\_.



SHEET NO.	DESCRIPTION
UO-1	TITLE SHEET
UO-2	GENERAL NOTES
UO-3	CONVENTIONAL PLAN SHEET SYMBOLS
UO-4	UTILITIES BY OTHERS PLAN SHEET

UTILITY OWNERS ON PROJECT	
(A)	DUKE - POWER (DISTRIBUTION)
(B)	CENTURYLINK - COMMUNICATIONS

PREPARED IN THE OFFICE OF:  
DIVISION OF HIGHWAYS  
UTILITIES UNIT  
UTILITIES ENGINEERING SECTION

1555 MAIL SERVICES CENTER  
RALEIGH, NC 27699-1555  
PHONE (919) 707-6690  
FAX (919) 250-4119

**Donna Jackson, P.E.** UTILITIES SQUAD LEADER PROJECT ENGINEER  
**J.T. Yoon, P.E.** UTILITIES PROJECT DESIGNER  
**Tanga N. Sampson** UTILITY AGENT

9:52:11 AM  
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Division:

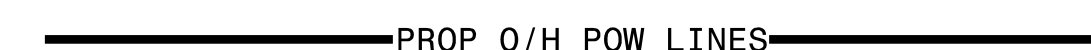



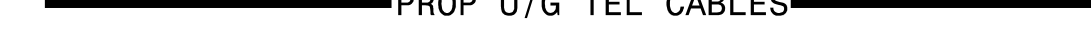





# INDEX OF SHEETS

SHEET NUMBER	SHEET
U0-1	TITLE SHEET
U0-2	INDEX OF SHEETS, STANDARD DRAWINGS, GENERAL NOTES
U0-3	CONVENTIONAL PLAN SHEET SYMBOLS
U0-4	UBO PLAN SHEET

# UTILITY CONTACTS

UTILITY	CONTACT NAME	CONTACT PHONE NUMBER
DUKE ENERGY (DISTRIBUTION)	MARK BLACKMAN	(919) 654-6588
CENTURYLINK	SHERRY PERRY	(919) 554-5224

## LEGEND

	PROP O/H POW LINES	PROPOSED OVERHEAD POWER, TELEPHONE & CATV LINE
	PROP O/H POW TEL & CATV LINES	PROPOSED OVERHEAD POWER LINE
	PROP O/H POW LINES (TRANS)	PROPOSED OVERHEAD POWER TRANSMISSION LINE
	PROP O/H TEL & CATV LINES	PROPOSED OVERHEAD CATV & TELEPHONE CABLES
	PROP U/G TEL CABLES	PROPOSED UNDERGROUND TELEPHONE CABLES
	TEMP U/G TEL CABLES	TEMPORARY UNDERGROUND TELEPHONE CABLES
	PROP U/G GAS LINE	PROPOSED GAS LINE
	ABANDON	EXISTING UTILITY TO BE ABANDONED IN PLACE (BY CORRESPONDING UTILITY COMPANY)
	REM.	EXISTING UTILITY POLE TO BE REMOVED (BY CORRESPONDING UTILITY COMPANY)
		PROPOSED UTILITY POLE (BY CORRESPONDING UTILITY COMPANY)

6/2/99  
 11:58:45 AM  
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 Joshua Barber - InvisioPrint 2007 Utility Services, Epc

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**Note: Not to Scale**

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

# CONVENTIONAL PLAN SHEET SYMBOLS

## 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	⑫③
Existing Fence Line	-x-x-x-
Proposed Woven Wire Fence	○
Proposed Chain Link Fence	□
Proposed Barbed Wire Fence	◇
Existing Wetland Boundary	MLB
Proposed Wetland Boundary	MLB
Existing Endangered Animal Boundary	EAB
Existing Endangered Plant Boundary	EPB
Existing Historic Property Boundary	HPB
Known Soil Contamination: Area or Site	☠ ☠
Potential Soil Contamination: Area or Site	☠ ☠

## 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	▬
False Sump	▽

## RAILROADS:

Standard Gauge	-----
RR Signal Milepost	CSX TRANSPORTATION 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	-----
Proposed Right of Way Line with Iron Pin and Cap Marker	△
Proposed Right of Way Line with Concrete or Granite R/W Marker	△
Proposed Control of Access Line with Concrete CA Marker	△
Existing Control of Access	△
Proposed Control of Access	△
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	□
H-Frame Pole	●
Recorded U/G Power Line	P
Designated U/G Power Line (S.U.E.*)	P

## TELEPHONE:

Existing Telephone Pole	●
Proposed Telephone Pole	○
Telephone Manhole	⊕
Telephone Booth	□
Telephone Pedestal	⊕
Telephone Cell Tower	⊗
U/G Telephone Cable Hand Hole	□
Recorded U/G Telephone Cable	T
Designated U/G Telephone Cable (S.U.E.*)	T
Recorded U/G Telephone Conduit	TC
Designated U/G Telephone Conduit (S.U.E.*)	TC
Recorded U/G Fiber Optics Cable	T FO
Designated U/G Fiber Optics Cable (S.U.E.*)	T FO

## WATER:

Water Manhole	⊕
Water Meter	○
Water Valve	⊗
Water Hydrant	⊕
Recorded U/G Water Line	-----
Designated U/G Water Line (S.U.E.*)	-----
Above Ground Water Line	A/G Water

## TV:

TV Satellite Dish	☼
TV Pedestal	⊕
TV Tower	⊗
U/G TV Cable Hand Hole	□
Recorded U/G TV Cable	TV
Designated U/G TV Cable (S.U.E.*)	TV
Recorded U/G Fiber Optic Cable	TV FO
Designated U/G Fiber Optic Cable (S.U.E.*)	TV FO

## GAS:

Gas Valve	◇
Gas Meter	⊕
Recorded U/G Gas Line	G
Designated U/G Gas Line (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
Recorded SS Forced Main Line	FSS
Designated SS Forced Main Line (S.U.E.*)	FSS

## MISCELLANEOUS:

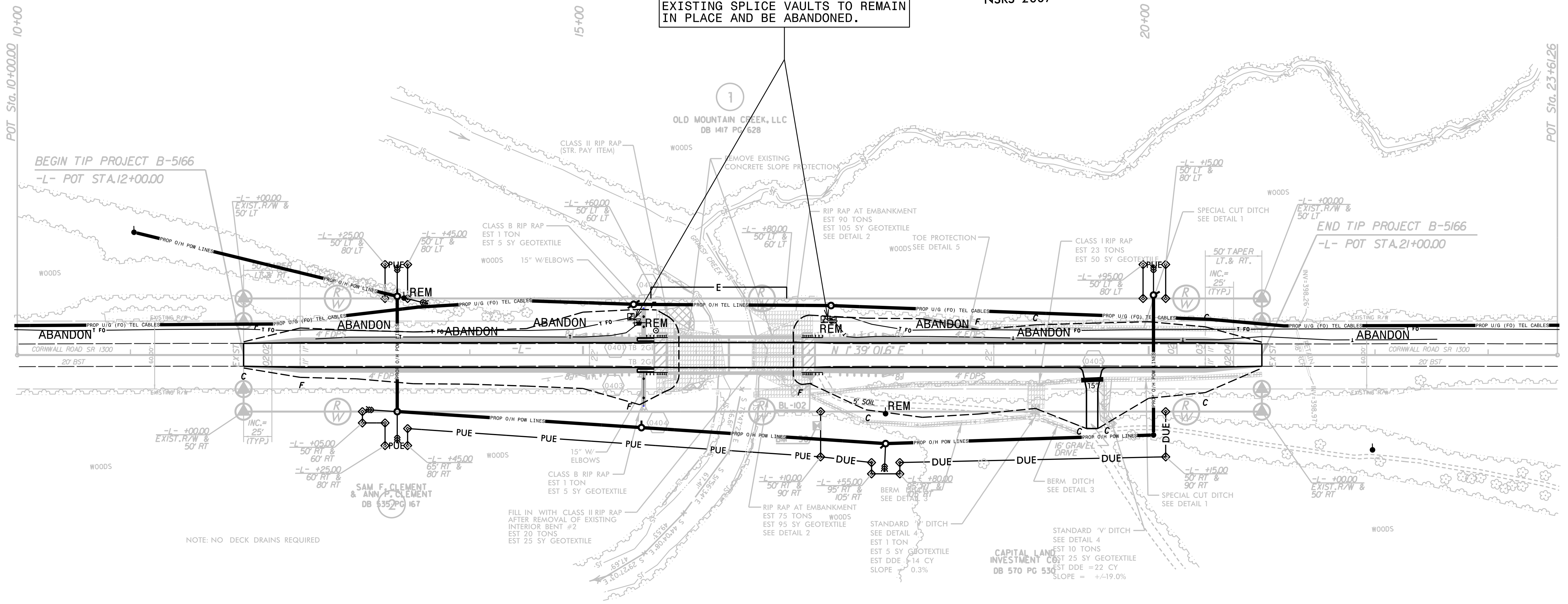
Utility Pole	●
Utility Pole with Base	□
Utility Located Object	○
Utility Traffic Signal Box	⊕
Utility Unknown U/G Line	U/G
U/G Tank; Water, Gas, Oil	▭
Underground Storage Tank, Approx. Loc.	UST
A/G Tank; Water, Gas, Oil	▭
Geoenvironmental Boring	⊕
U/G Test Hole (S.U.E.*)	⊕
Abandoned According to Utility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

UTILITY BY OTHERS

NOTE:  
 ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR PROPOSED UTILITY WORK SHOWN ON THIS SHEET.

NAD 83  
 NSRS 2007

EXISTING SPLICE VAULTS TO REMAIN IN PLACE AND BE ABANDONED.



NOTE: NO DECK DRAINS REQUIRED

REVISIONS

8/17/99  
 7:53:37 AM  
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 Joshua Barbour - Division 2007 - Utility Services - EIR