

TIP PROJECT: BR-0119

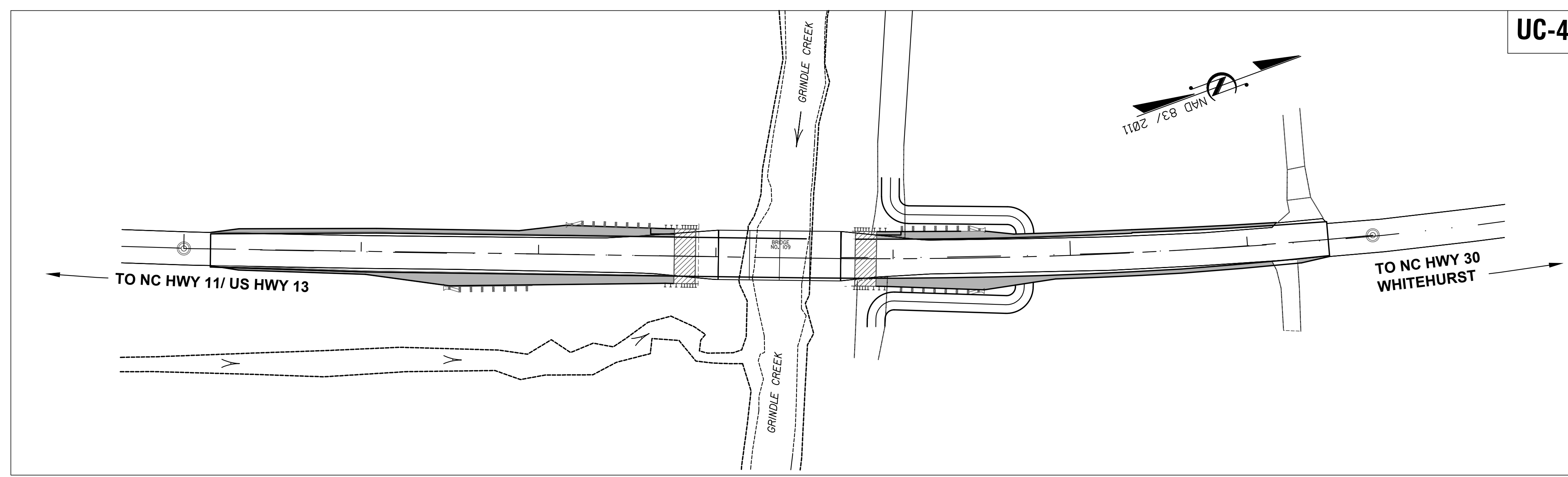
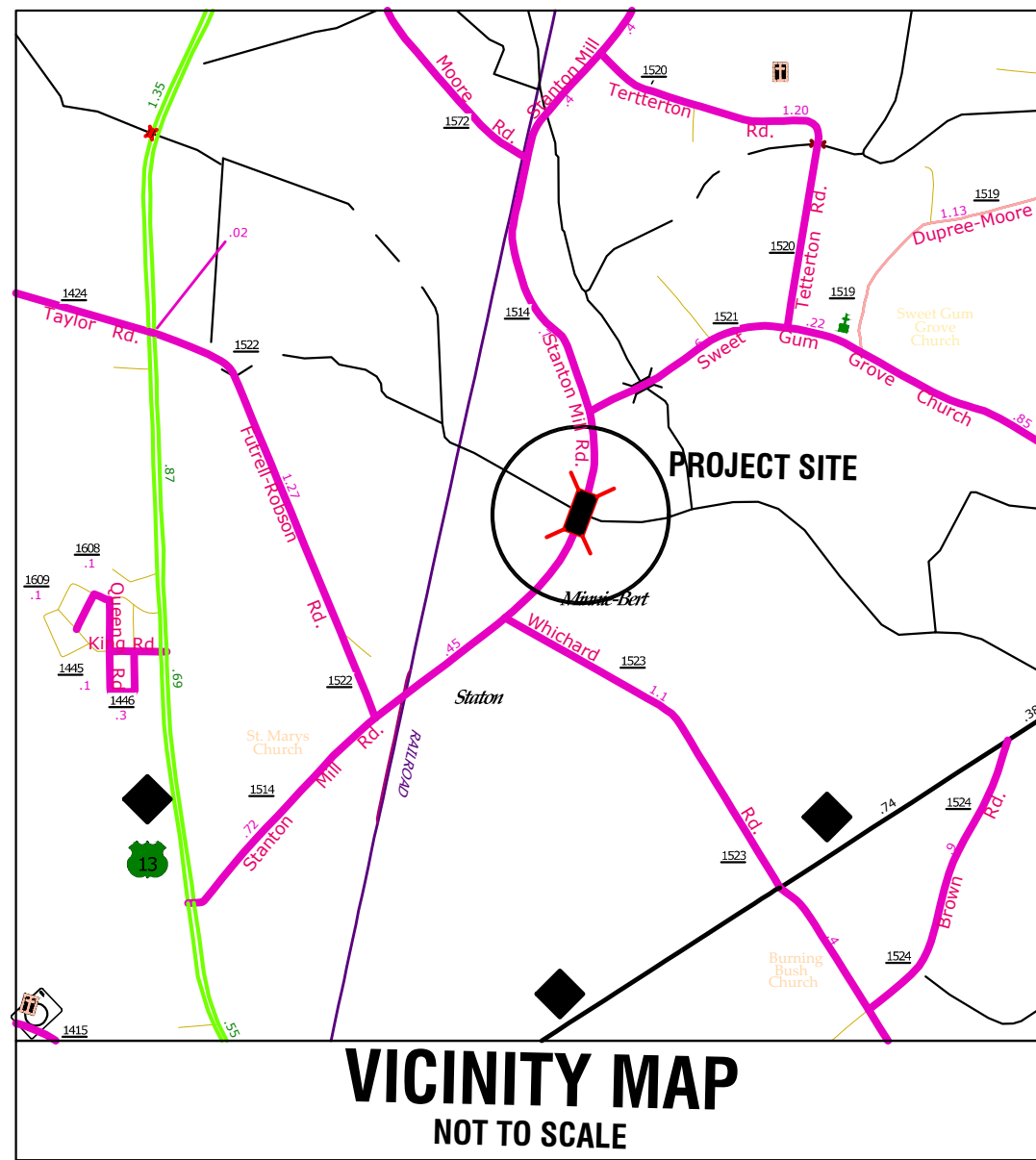
T.I.P. NO.	SHEET NO.
BR-0119	UC-1

# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

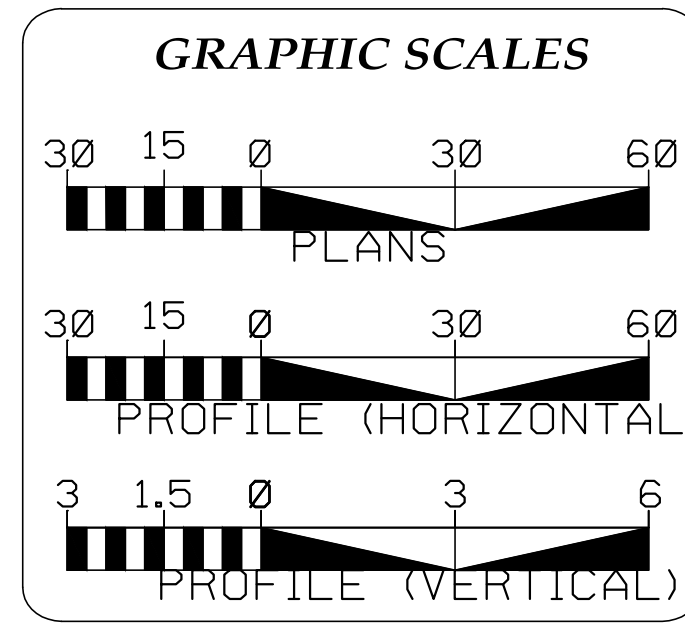
## UTILITY CONSTRUCTION PLANS PITT COUNTY

LOCATION: BRIDGE No. 730109 ON SR 1514 (STATON MILL RD)  
OVER GRINDLE CREEK

TYPE OF WORK: WATER MAIN RELOCATION



DOCUMENT NOT CONSIDERED FINAL  
UNTIL ALL SIGNATURES ARE COMPLETED



### INDEX OF SHEETS

SHEET NO.:	DESCRIPTION:
UC-1	TITLE SHEET
UC-2	UTILITY SYMBOLOGY
UC-3	NOTES
UC-3A	DETAILS
UC-4	UTILITY CONSTRUCTION SHEET
UC-4	PROFILE SHEET

### WATER AND SEWER OWNERS ON PROJECT

(A) WATER - GREENVILLE UTILITIES COMMISSION
(B) SANITARY SEWER - N/A

PREPARED IN THE OFFICE OF

NC License: F-0334  
riversandassociates.com Since 1918

Engineers  
Planners  
Surveyors  
Landscape Architects

707 East Second Street  
Greenville, NC 27608  
(252) 752-4135

FRED STOWE, PE	CONSULTANT CONTACT #1
N/A	CONSULTANT CONTACT #2
N/A	CONSULTANT CONTACT #3

SEAL

1/10/2020  
DocuSigned by:  
Frederick L. Stowe

DIVISION OF HIGHWAYS  
UTILITIES UNIT  
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RALEIGH, NC 27699-1555  
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KYLE PLEASANT	UTILITIES AREA COORDINATOR
LARRY JAMES	UTILITIES COORDINATOR

\$\$\$\$\$SYTIME\$\$\$\$\$  
\$\$\$\$\$DGN\$\$\$\$\$  
\$\$\$\$\$USERNAME\$\$\$\$\$

# STATE OF NORTH CAROLINA, DIVISION OF HIGHWAYS

## UTILITIES PLAN SHEET SYMBOLS

### PROPOSED WATER SYMBOLS

Water Line (Sized as Shown)	
11 1/4 Degree Bend	
22 1/2 Degree Bend	
45 Degree Bend	
90 Degree Bend	
Plug	
Tee	
Cross	
Reducer	
Gate Valve	
Butterfly Valve	
Tapping Valve	
Line Stop	
Line Stop with Bypass	
Blow Off	
Fire Hydrant	
Relocate Fire Hydrant	
Remove Fire Hydrant	REM FH
Water Meter	
Relocate Water Meter	
Remove Water Meter	REM WM
Water Pump Station	
RPZ Backflow Preventer	
DCV Backflow Preventer	
Relocate RPZ Backflow Preventer	
Relocate DCV Backflow Preventer	

### PROPOSED SEWER SYMBOLS

Gravity Sewer Line (Sized as Shown)	
Force Main Sewer Line (Sized as Shown)	
Manhole (Sized per Note)	
Sewer Pump Station	

### PROPOSED MISCELLANEOUS UTILITIES SYMBOLS

Power Pole		Thrust Block	
Telephone Pole		Air Release Valve	
Joint Use Pole		Utility Vault	
Telephone Pedestal		Concrete Pier	
Utility Line by Others (Type as Shown)		Steel Pier	
Trenchless Installation		Plan Note	
Encasement by Open Cut		Pay Item Note	
Encasement			

### EXISTING UTILITIES SYMBOLS

Power Pole		*Underground Power Line	
Telephone Pole		*Underground Telephone Cable	
Joint Use Pole		*Underground Telephone Conduit	
Utility Pole		*Underground Fiber Optics Telephone Cable	
Utility Pole with Base		*Underground TV Cable	
H-Frame Pole		*Underground Fiber Optics TV Cable	
Power Transmission Line Tower		*Underground Gas Pipeline	
Water Manhole		Aboveground Gas Pipeline	
Power Manhole		*Underground Water Line	
Telephone Manhole		Aboveground Water Line	
Sanitary Sewer Manhole		*Underground Gravity Sanitary Sewer Line	
Hand Hole for Cable		Aboveground Gravity Sanitary Sewer Line	
Power Transformer		*Underground SS Forced Main Line	
Telephone Pedestal		Underground Unknown Utility Line	
CATV Pedestal		SUE Test Hole	
Gas Valve		Water Meter	
Gas Meter		Water Valve	
Located Miscellaneous Utility Object		Fire Hydrant	
Abandoned According to Utility Records	AATUR	Sanitary Sewer Cleanout	
End of Information	E.O.I.		

\*For Existing Utilities  
 Utility Line Drawn from Record (Type as Shown) \_\_\_\_\_  
 Designated Utility Line (Type as Shown) \_\_\_\_\_

12/17/19





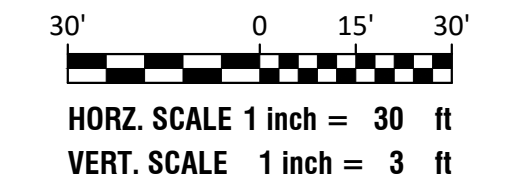
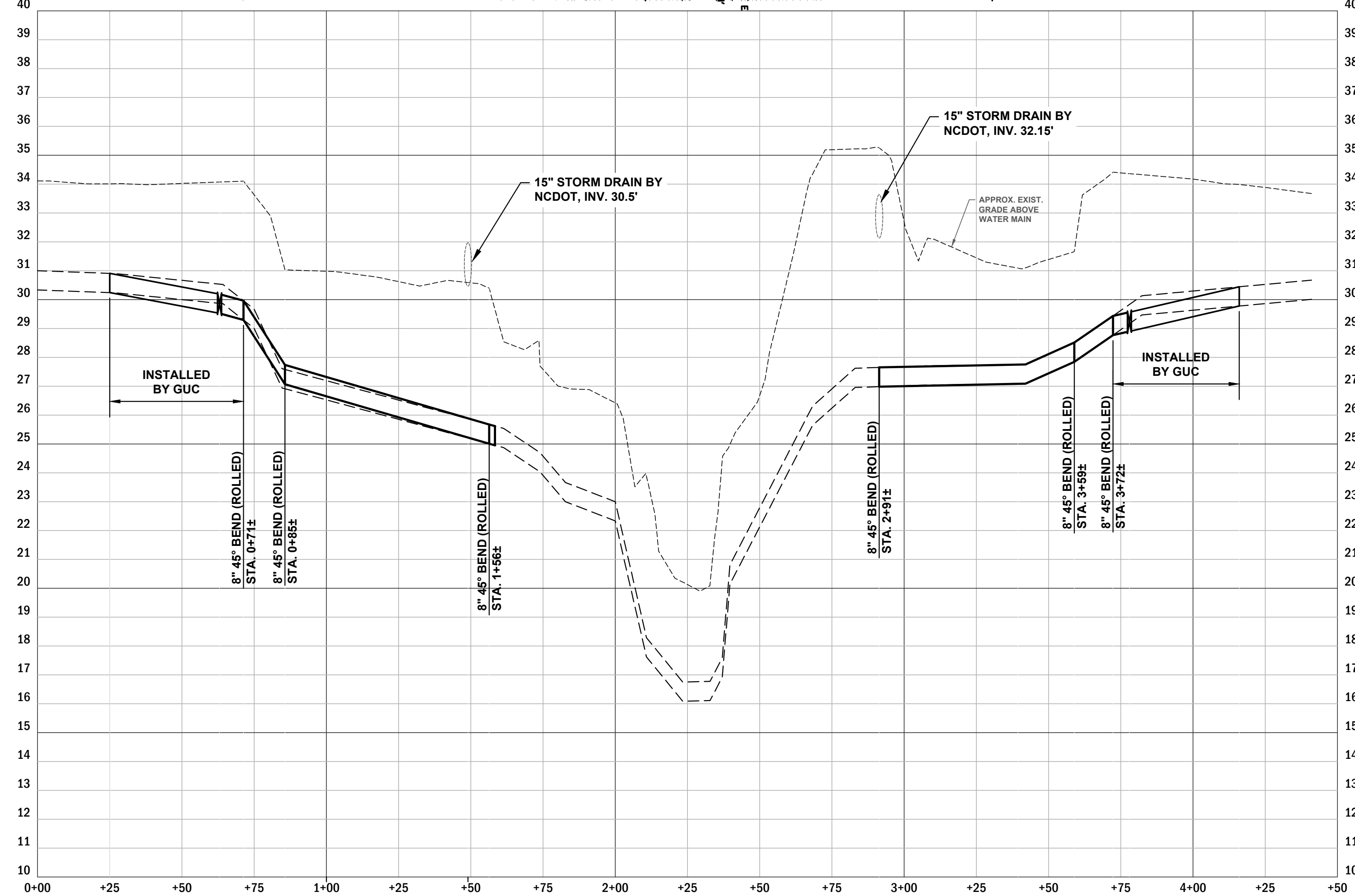
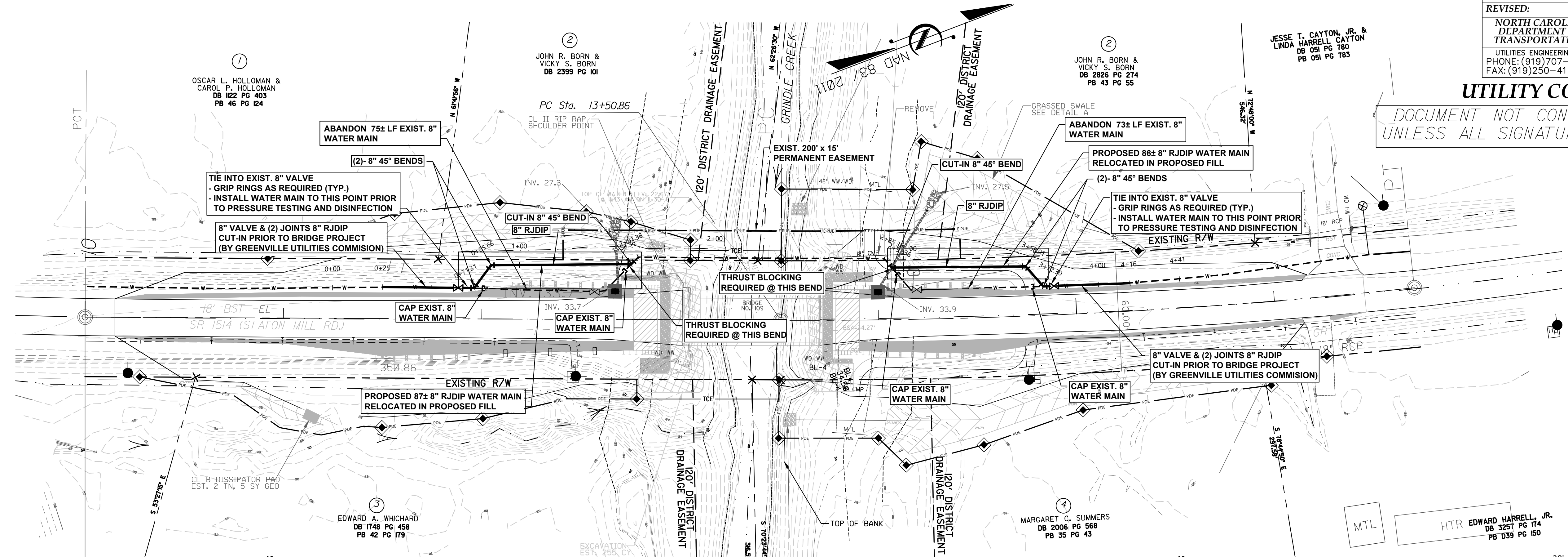






**UTILITY CONSTRUCTION**

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**LIST OF MATERIALS**

ITEM	TYPE	SECTION No.	DESCRIPTION	QUANTITY	UNITS
5325800000-E	U	1510	8" DIA DUCTILE IRON WATER MAIN	180	LF
5329000000-E	U	1510	DUCTILE IRON WATER PIPE FITTINGS	726	LB
5801000000-E	U	1530	ABANDON EXISTING 8" WATER PIPE	148	LF

**NOTE:**  
 PLAN & PROFILE STATIONS SHOWN ARE APPLICABLE  
 TO WATER MAIN ALIGNMENT STA. 0+00 WATER MAIN  
 = STA. 11+25 ALIGNMENT -EL-

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