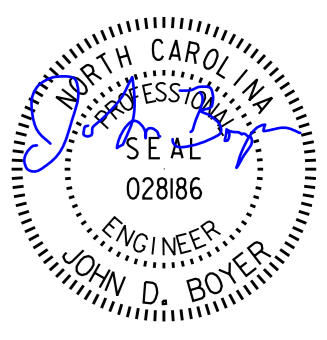
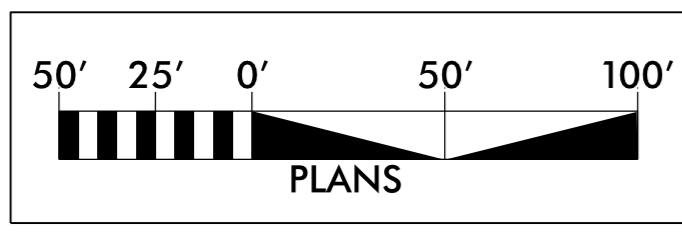


PROJECT REFERENCE NO.	SHEET NO.
R-5014	UC-15
DESIGNED BY: DMD	
DRAWN BY: DMD/MNG	
CHECKED BY: JDB	
APPROVED BY: CMT	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151	
UTILITY CONSTRUCTION PLANS ONLY	

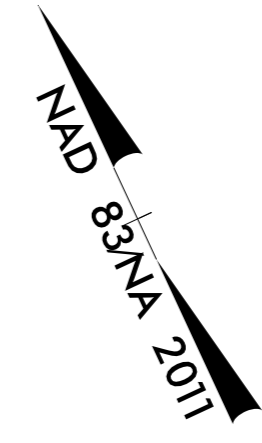
UTILITY CONSTRUCTION

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

THIS SHEET CORRESPONDS TO RDY-17



SEE SHEET 22 FOR -WL5- PROFILE



ALL CONSTRUCTION PERFORMED OUTSIDE OF THE EXISTING RIGHT OF WAY IS ALLOWED THROUGH SPECIAL USE PERMIT # USA 18 5700 16

NO CLAIM

132 UNITED STATES DEPARTMENT OF INTERIOR

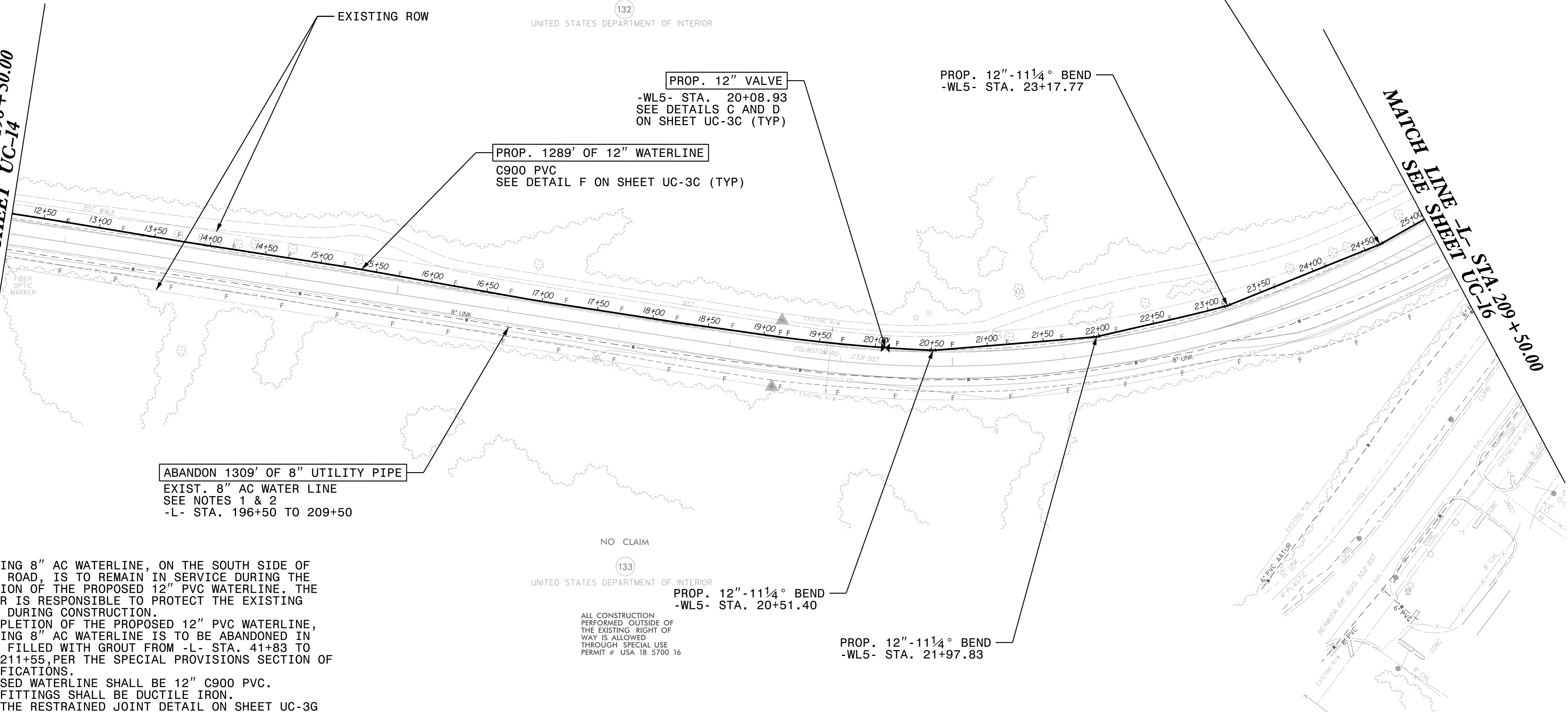
NO CLAIM

133 UNITED STATES DEPARTMENT OF INTERIOR

ALL CONSTRUCTION PERFORMED OUTSIDE OF THE EXISTING RIGHT OF WAY IS ALLOWED THROUGH SPECIAL USE PERMIT # USA 18 5700 16

MATCH LINE -L- STA. 196+50.00
SEE SHEET UC-14

MATCH LINE -L- STA. 209+50.00
SEE SHEET UC-16



ABANDON 1309' OF 8" UTILITY PIPE
EXIST. 8" AC WATER LINE
SEE NOTES 1 & 2
-L- STA. 196+50 TO 209+50

PROP. 12" VALVE
-WL5- STA. 20+08.93
SEE DETAILS C AND D
ON SHEET UC-3C (TYP)

PROP. 1289' OF 12" WATERLINE
C900 PVC
SEE DETAIL F ON SHEET UC-3C (TYP)

PROP. 12"-11 1/4° BEND
-WL5- STA. 24+64.37

PROP. 12"-11 1/4° BEND
-WL5- STA. 23+17.77

PROP. 12"-11 1/4° BEND
-WL5- STA. 20+51.40

PROP. 12"-11 1/4° BEND
-WL5- STA. 21+97.83

PROPOSED 880 POUNDS OF
DUCTILE IRON WATER PIPE FITTINGS

NOTE:

1. THE EXISTING 8" AC WATERLINE, ON THE SOUTH SIDE OF COLINGTON ROAD, IS TO REMAIN IN SERVICE DURING THE CONSTRUCTION OF THE PROPOSED 12" PVC WATERLINE. THE CONTRACTOR IS RESPONSIBLE TO PROTECT THE EXISTING WATERLINE DURING CONSTRUCTION.
2. AFTER COMPLETION OF THE PROPOSED 12" PVC WATERLINE, THE EXISTING 8" AC WATERLINE IS TO BE ABANDONED IN PLACE AND FILLED WITH GROUT FROM -L- STA. 41+83 TO -L- STA. 211+55, PER THE SPECIAL PROVISIONS SECTION OF THE SPECIFICATIONS.
3. ALL PROPOSED WATERLINE SHALL BE 12" C900 PVC.
4. ALL PIPE FITTINGS SHALL BE DUCTILE IRON.
5. REFER TO THE RESTRAINED JOINT DETAIL ON SHEET UC-3G FOR RESTRAINED JOINT LENGTHS.
6. ELEVATION OF EXISTING WATERLINES ARE ASSUMED TO BE 3- FEET BELOW EXISTING GRADE. CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF THE EXISTING WATERLINE PRIOR TO MAKING THE CONNECTION.
7. CONNECTIONS TO EXISTING WATERLINE ARE TO BE RESTRAINED BY THRUST COLLARS. SEE DETAIL A ON SHEET UC-3E.

REVISIONS

8/17/99