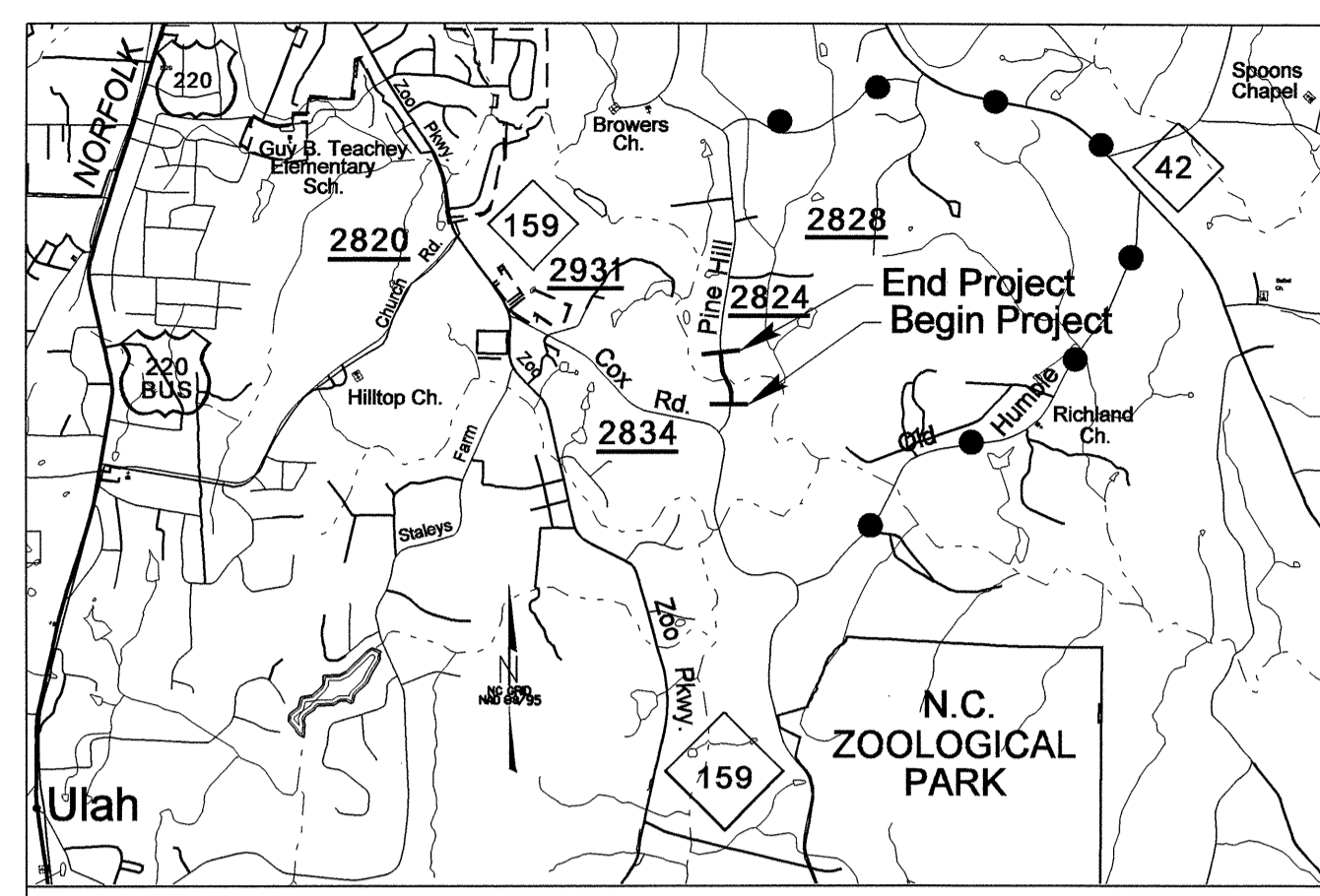


09/08/99

TIP PROJECT: B-4245



VICINITY MAP

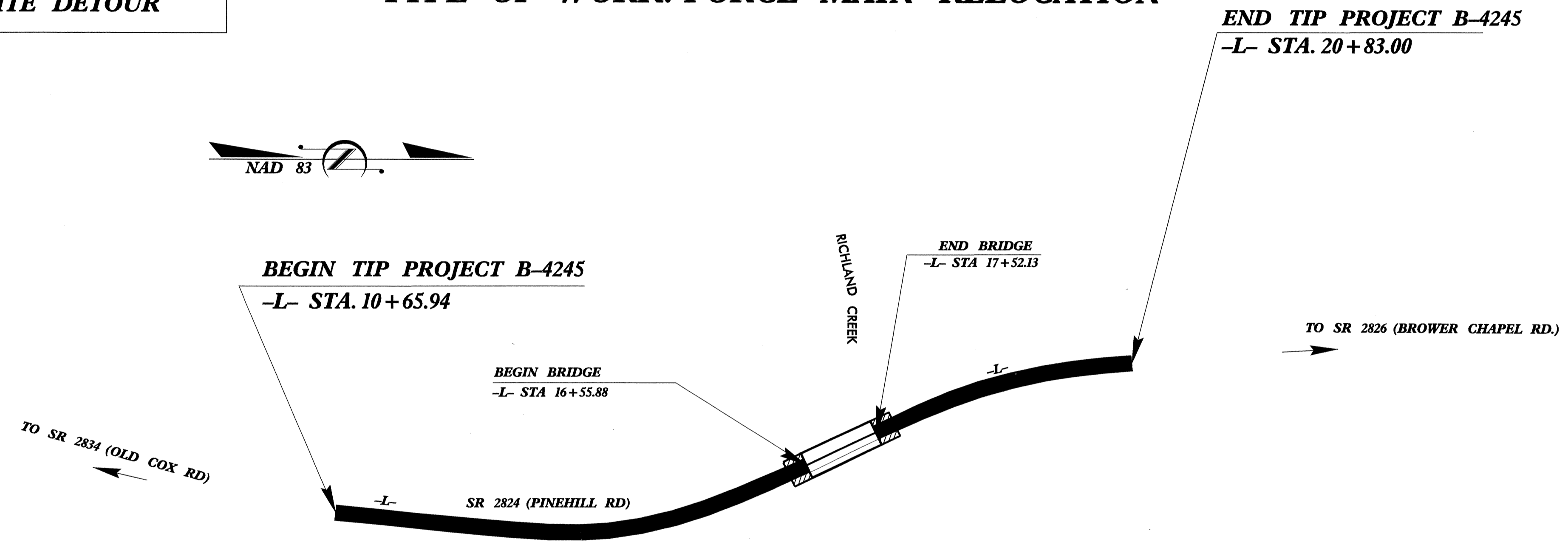
..... OFF-SITE DETOUR

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

**UTILITY CONSTRUCTION PLANS
RANDOLPH COUNTY**

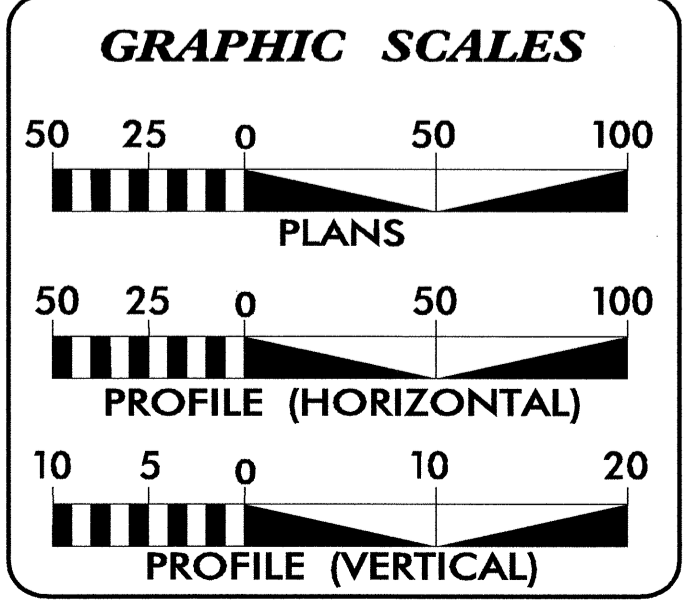
LOCATION: BRIDGE NO. 257 OVER RICHLAND CREEK

TYPE OF WORK: FORCE MAIN RELOCATION



THIS PROJECT IS WITHIN THE MUNICIPAL BOUNDARY OF ASHEBORO

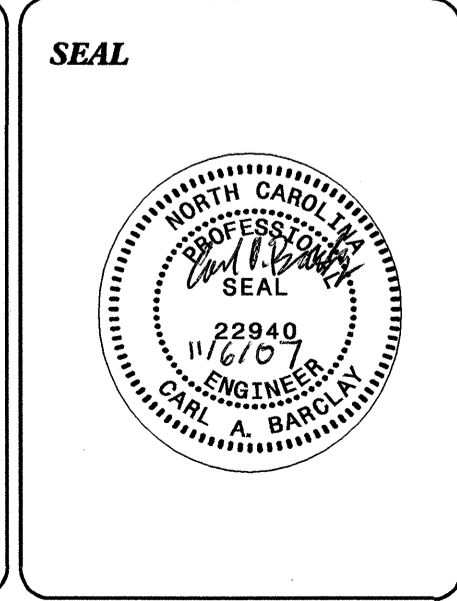
WBS: 33588



INDEX OF SHEETS

SHEET NO.	DESCRIPTION
UC-1	TITLE SHEET
UC-2	UTILITY CONSTRUCTION PLAN SHEET
UC-3	DETAILS SHEET

SEWER OWNERS ON PROJECT
 (1) SANITARY SEWER
 CONTACT MICHAEL RHONEY @ (336)-626-1234

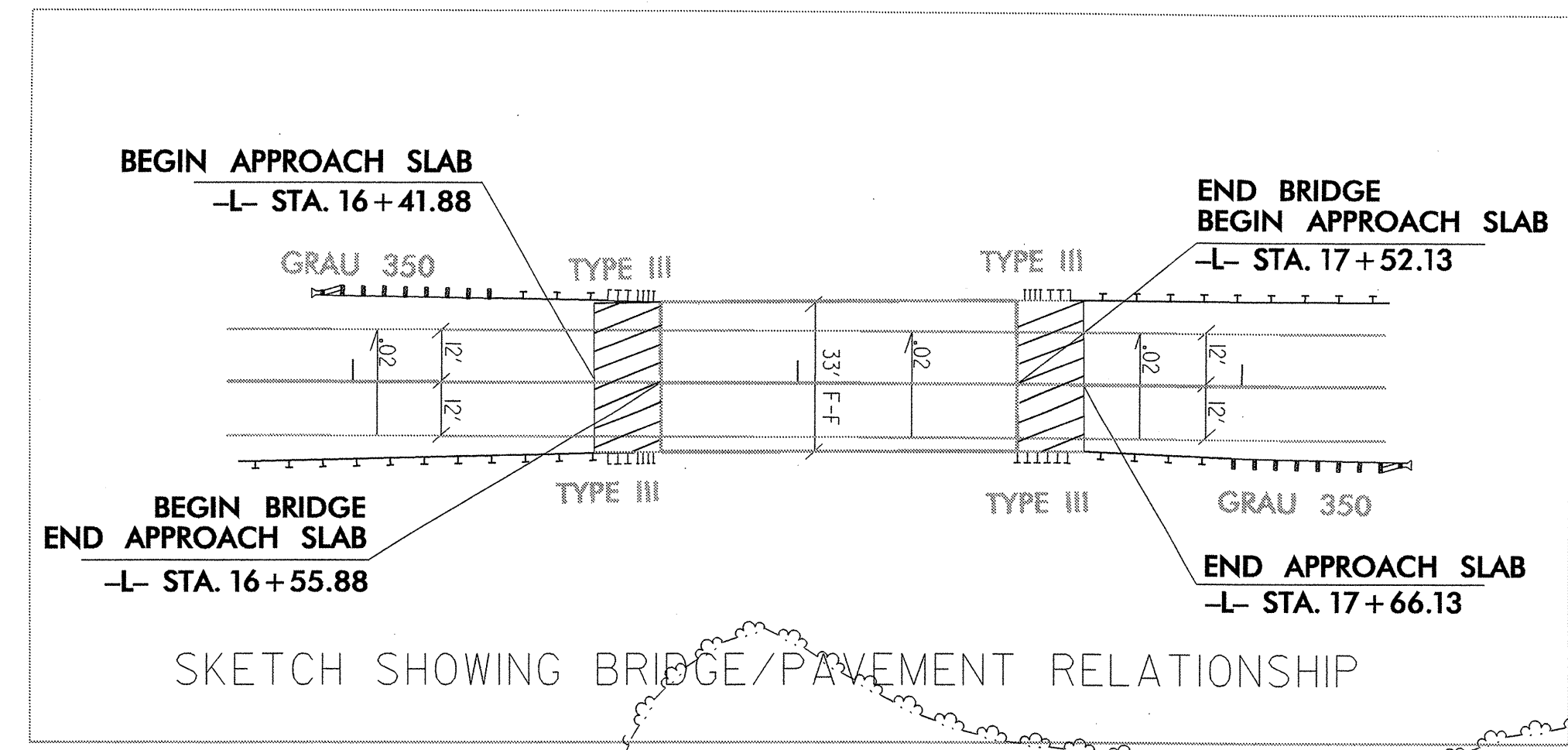


PREPARED IN THE OFFICE OF:
**DIVISION OF HIGHWAYS
 PROJECT SERVICES
 UTILITY SECTION**
 1591 MAIL SERVICES CENTER
 RALEIGH NC 27699-1591
 PHONE (919) 250-4128
 FAX (919) 250-4119

Roger Worthington, P.E. UTILITIES SECTION ENGINEER
Carl Barclay, P.E. UTILITIES SQUAD LEADER PROJECT ENGINEER
Ali Kouchehi, P.E. UTILITIES PROJECT DESIGNER

05-NOV-2007 15:05
 P:\Utilities\rdy\ut\proj\b-4245_rdy_psh_uc1.dgn
 \$\$\$USERNAME\$\$\$

UTILITY CONSTRUCTION

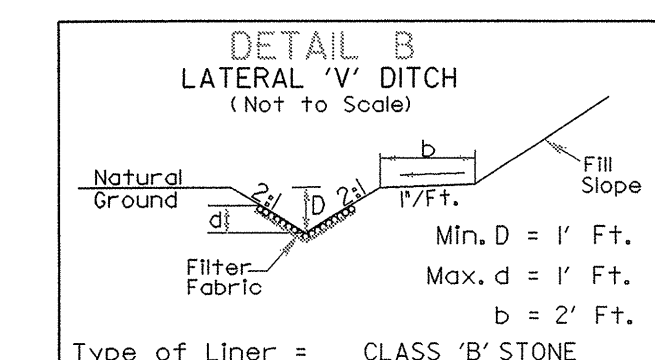
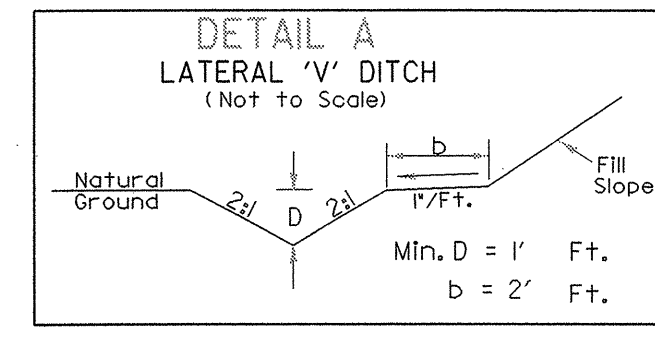
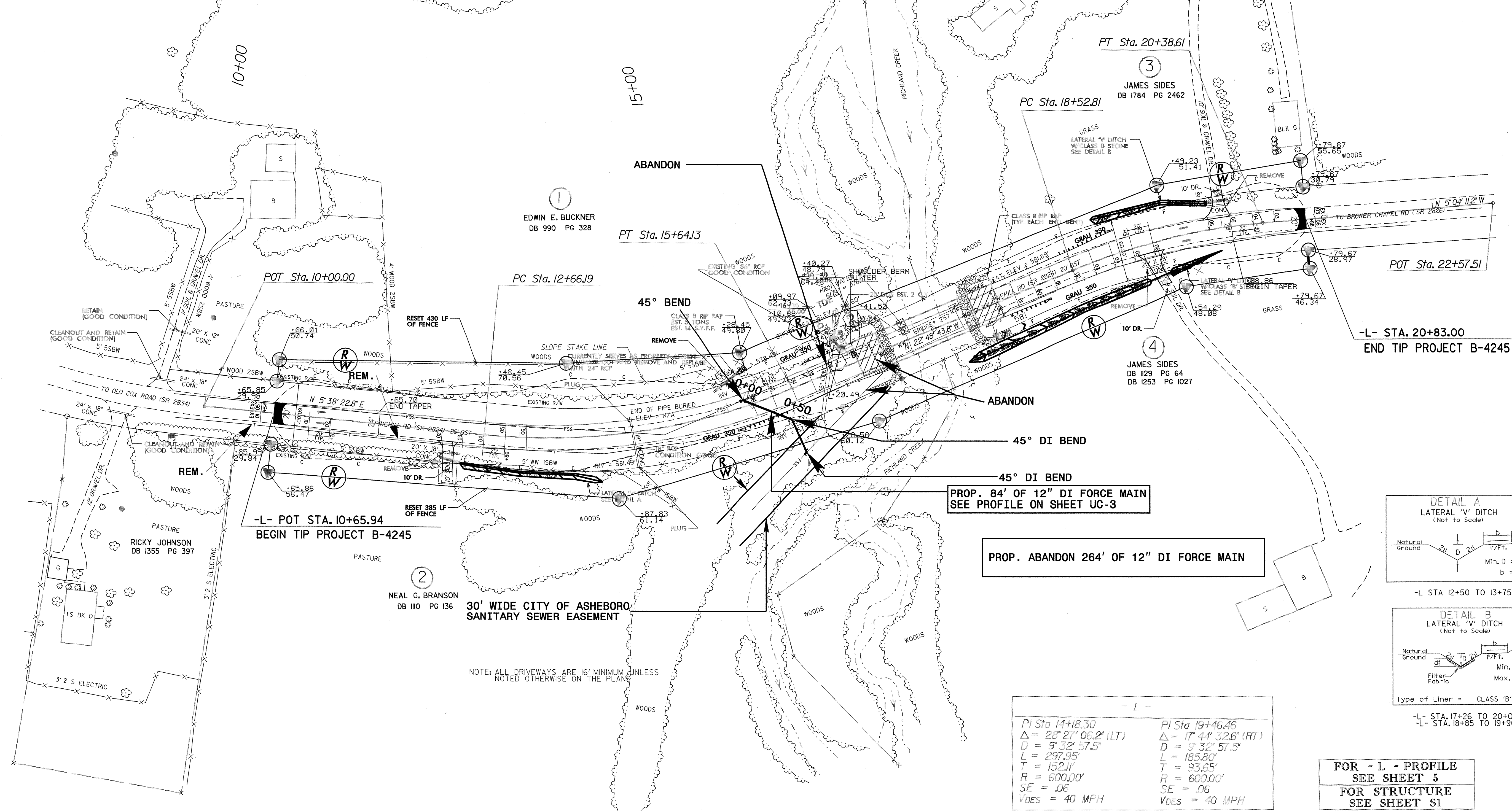
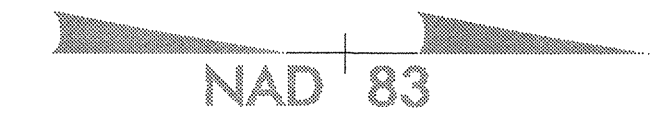


NOTE: THE CONNECTION TO EXISTING FORCE MAIN MUST BE COMPLETED IN A 24 TO 36 HOUR PERIOD.

NOTE: PLEASE NOTIFY CITY OF ASHEBORO DIRECTOR OF WATER RESOURCES (MICHAEL RHONEY AT 336-626-1234) AT LEAST 2 WEEKS PRIOR TO RELOCATION OF 12" FORCE MAIN.

CITY MUST PUMP DOWN THE WET WELLS AT 3 LIFT STATIONS TO THEIR MINIMUM LEVELS PRIOR TO TIE INS.

FORCE MAIN OWNED BY CITY OF ASHEBORO



PI Sta 14+18.30	PI Sta 19+46.46
Δ = 28° 27' 06.2" (LT)	Δ = 17° 44' 32.6" (RT)
D = 9' 32' 57.5"	D = 9' 32' 57.5"
L = 297.95'	L = 185.80'
T = 152.11'	T = 93.65'
R = 600.00'	R = 600.00'
SE = .06	SE = .06
Vdes = 40 MPH	Vdes = 40 MPH

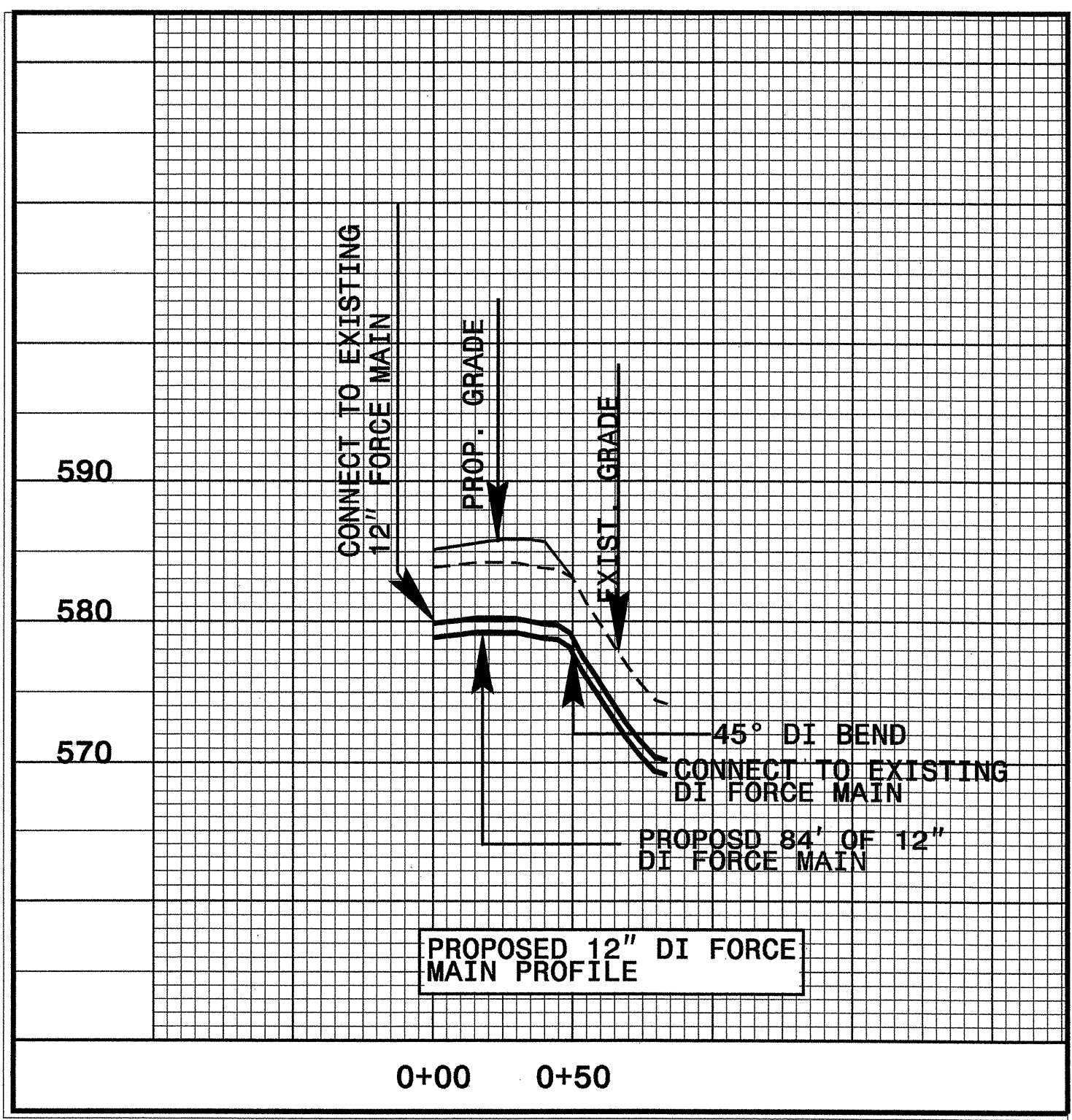
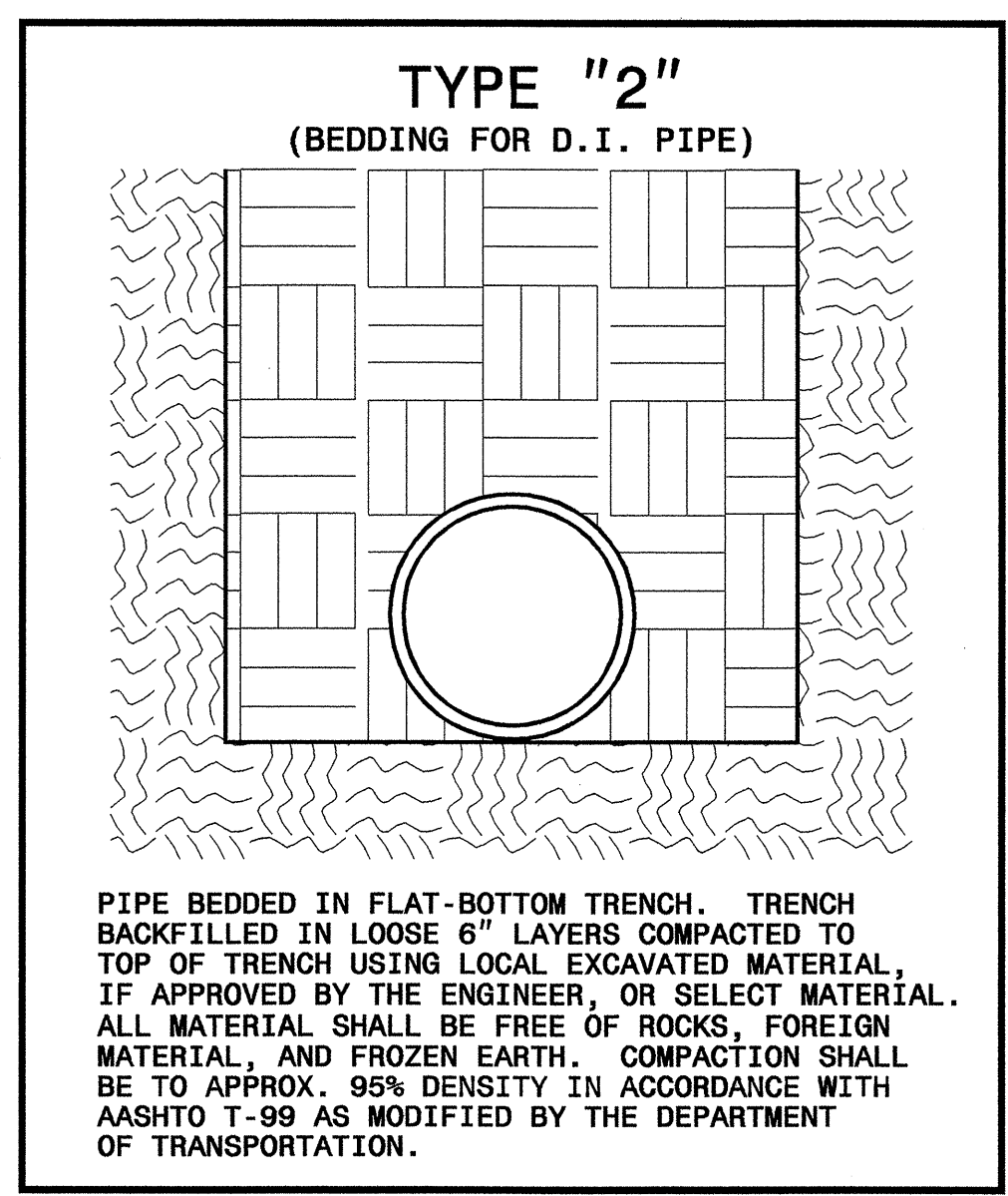
FOR - L - PROFILE SEE SHEET 5

FOR STRUCTURE SEE SHEET S1

5/14/99
 21-DEC-2007 10:28
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 11/13/07 10:28 AM
 11/13/07 10:28 AM

PROJECT REFERENCE NO.	SHEET NO.
B-4245	UC-3
DESIGNED BY: ARK	
DRAWN BY: ARK	
CHECKED BY: CAB	
APPROVED BY: CAB	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION PROJECT SERVICES UNIT PHONE: (919) 250-4128 FAX: (919) 250-4119	
UTILITY CONSTRUCTION PLANS ONLY	

UTILITY CONSTRUCTION



MAXIMUM TRENCH WIDTH AT TOP OF PIPE			
NOMINAL PIPE SIZE (INCHES)	TRENCH WIDTH (INCHES)	NOMINAL PIPE SIZE (INCHES)	TRENCH WIDTH (INCHES)
4	28	20	44
6	30	24	48
8	32	30	54
10	34	36	60
12	36	42	66
14	38	48	72
16	40	54	78
18	42		

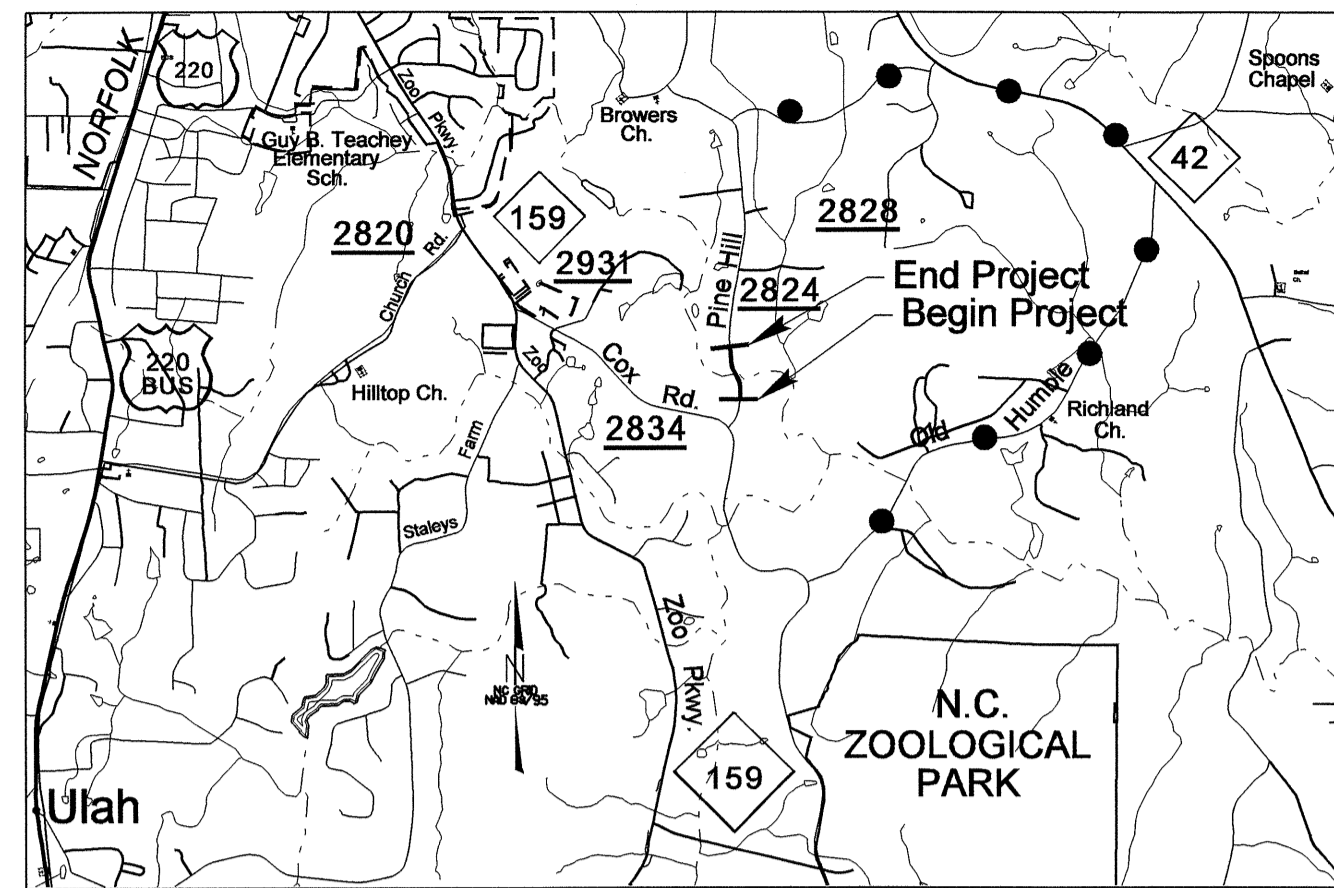
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

**UTILITY BY OTHERS PLANS
RANDOLPH COUNTY**

LOCATION: BRIDGE NO. 257 OVER RICHLAND CREEK

TYPE OF WORK: UTILITY BY OTHERS RELOCATION

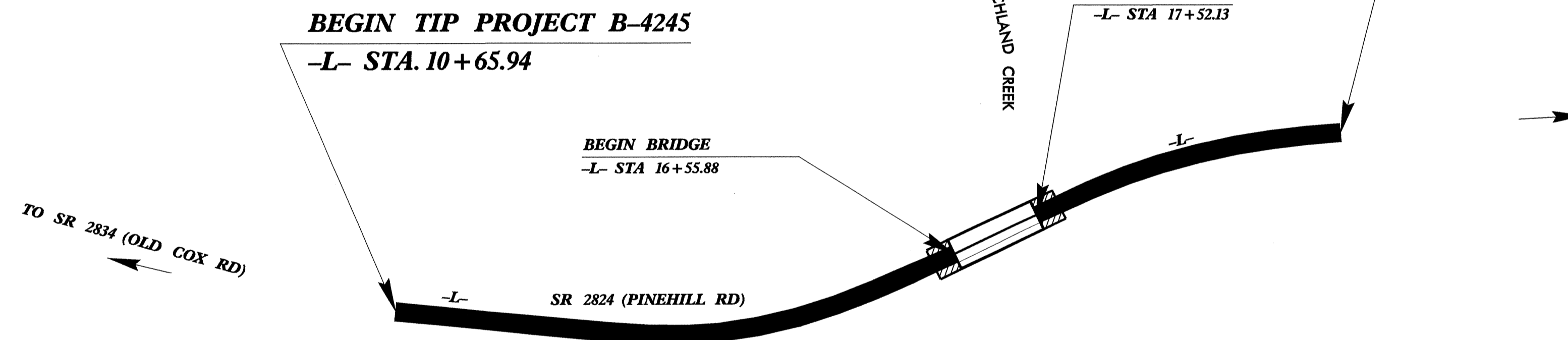
LOCATION: BRIDGE NO. 257 OVER RICHLAND CREEK



VICINITY MAP

●●●●● OFF-SITE DETOUR

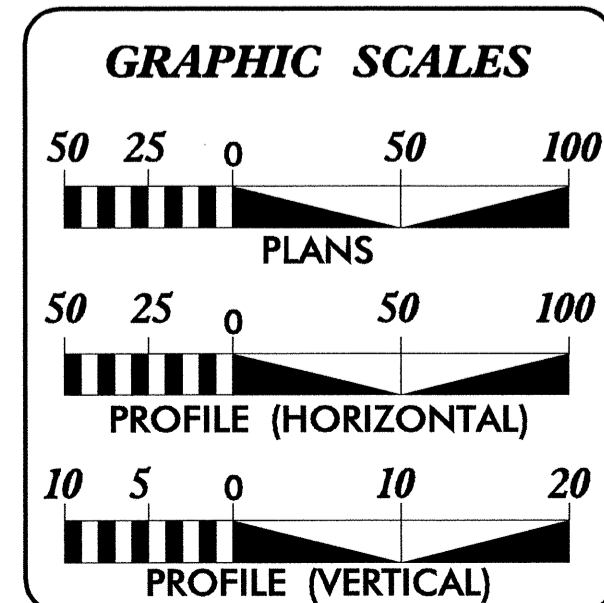
W 1114 B CELL
END TIP PROJECT B-4245
-L- STA. 20+83.00



THIS PROJECT IS WITHIN THE MUNICIPAL BOUNDARY OF ASHEBORO

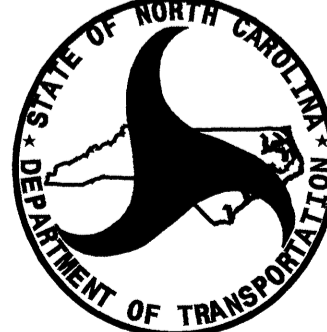
TIP PROJECT:

WBS: 33588



INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
UO-1	TITLE SHEET
UO-2	UTILITY BY OTHERS PLAN SHEETS

UTILITY OWNERS ON PROJECT	
(1) POWER	RANDOLPH EMC
(2) TELEPHONE	EMBARQ



PREPARED IN THE OFFICE OF:
**DIVISION OF HIGHWAYS
DESIGN SERVICES
UTILITY SECTION**

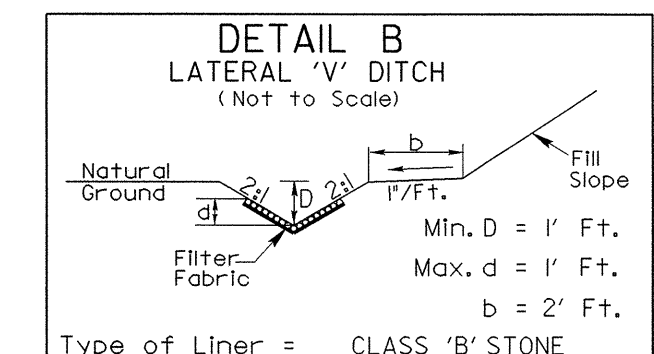
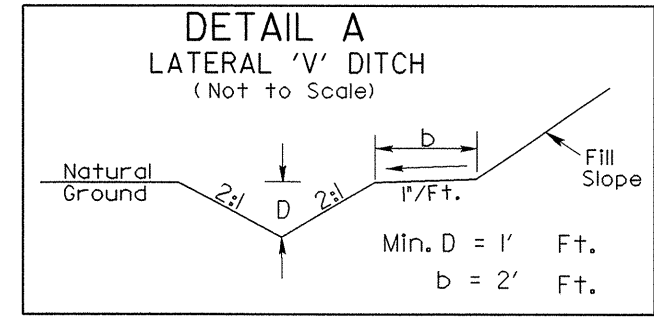
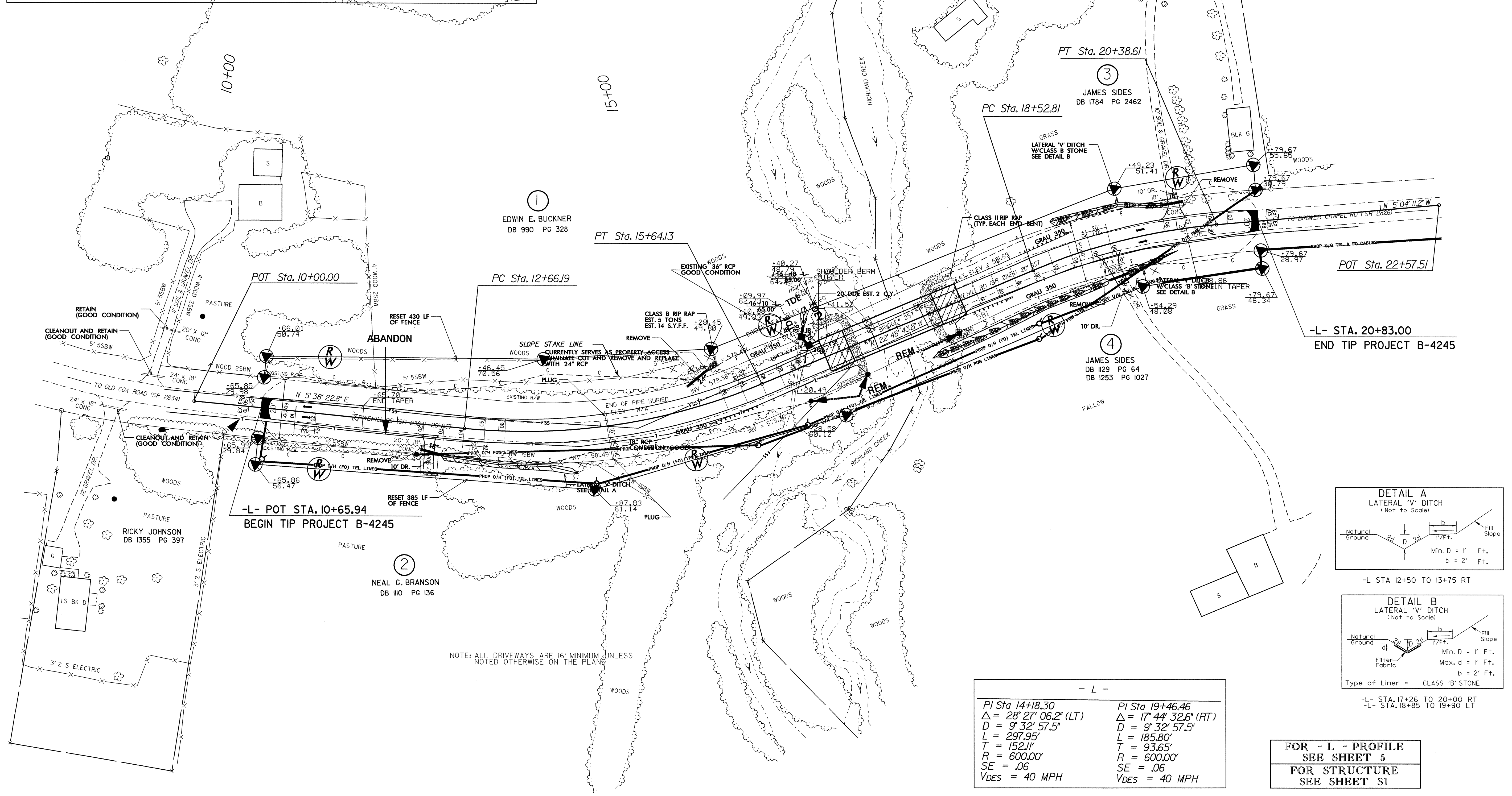
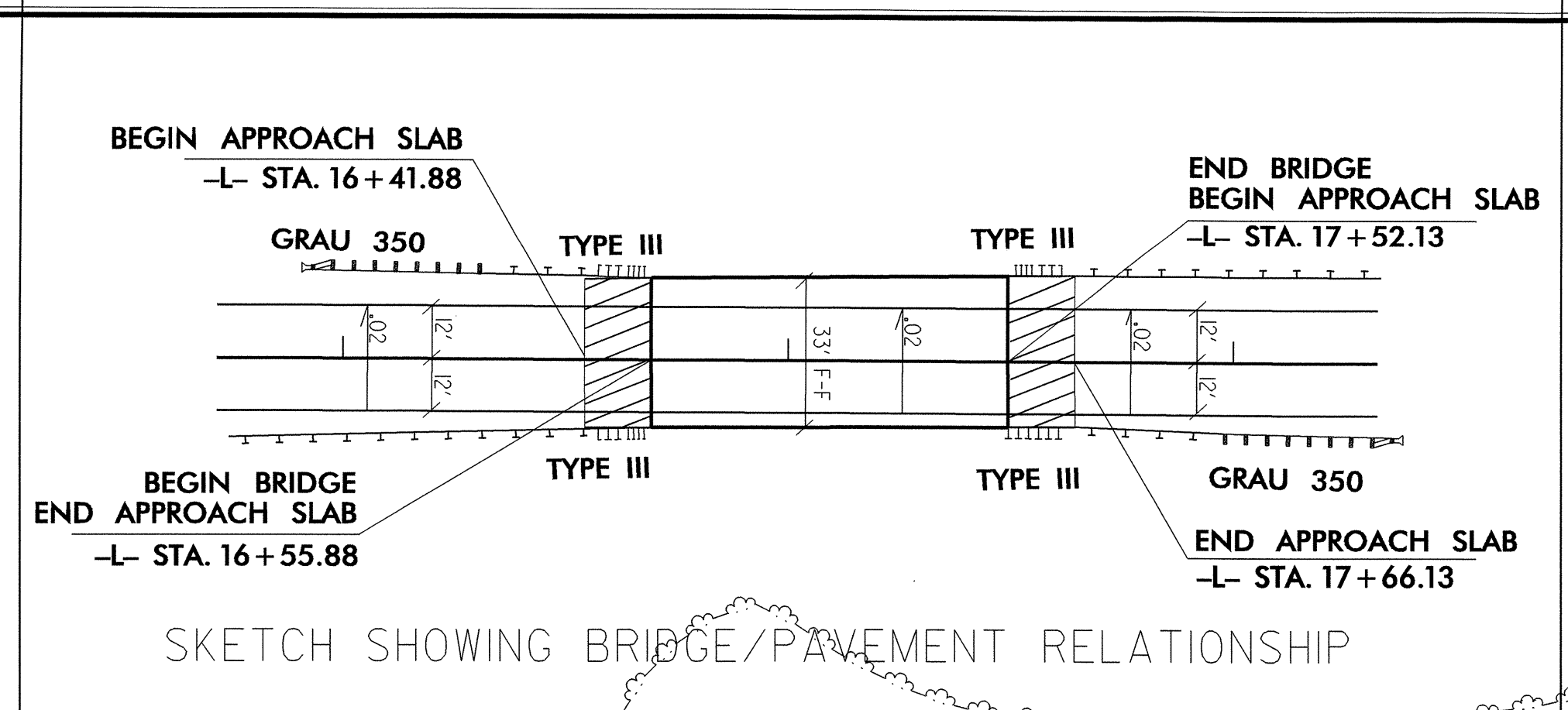
1591 MAIL SERVICES CENTER
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Roger Worthington, P.E. UTILITIES SECTION ENGINEER
Carl Barclay, P.E. UTILITIES SQUAD LEADER PROJECT ENGINEER
Ali Kouchehi, P.E. UTILITIES PROJECT DESIGNER

06-NOV-2007 10:30
C:\UTILITIES\proj\4245_rdy_psh_uci.dgn
\$\$\$\$\$USERNAME\$\$\$\$\$

UTILITIES BY OTHERS

NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS



- L -	
PI Sta 14+18.30	PI Sta 19+46.46
$\Delta = 28' 27" 06.2" (LT)$	$\Delta = 17' 44' 32.6" (RT)$
$D = 9' 32' 57.5"$	$D = 9' 32' 57.5"$
$L = 297.95'$	$L = 185.80'$
$T = 152.11'$	$T = 93.65'$
$R = 600.00'$	$R = 600.00'$
$SE = .06$	$SE = .06$
$V_{DES} = 40 \text{ MPH}$	$V_{DES} = 40 \text{ MPH}$

FOR - L - PROFILE
SEE SHEET 5
FOR STRUCTURE
SEE SHEET S1

NOTE: ALL DRIVEWAYS ARE 16' MINIMUM UNLESS NOTED OTHERWISE ON THE PLANS

06-NOV-2007 12:13 \\s01\projects\4245\B-4245_rdy_psh_U0.dgn