

09/08/99

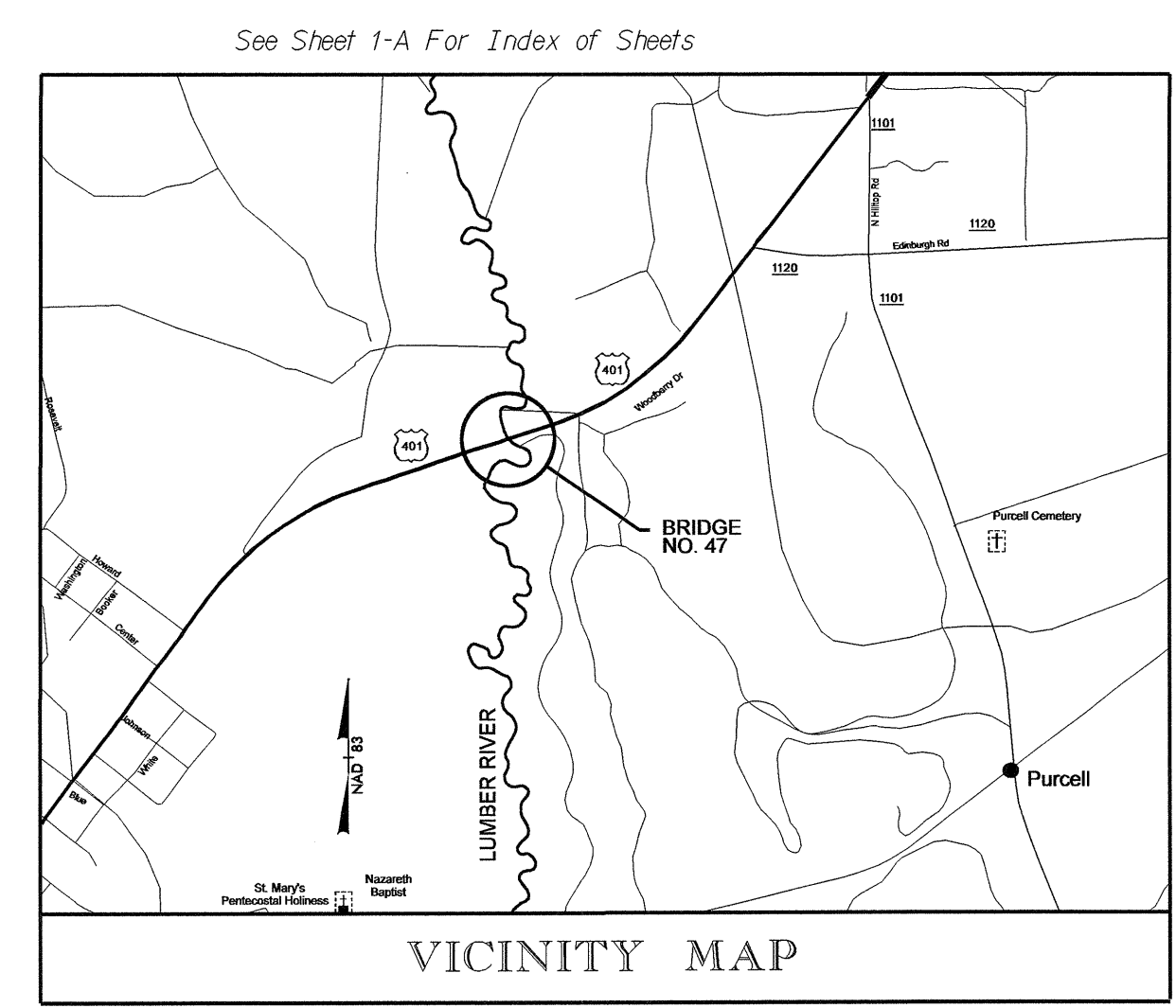
T.I.P. NO.	SHEET NO.
B-4273	UO-1

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

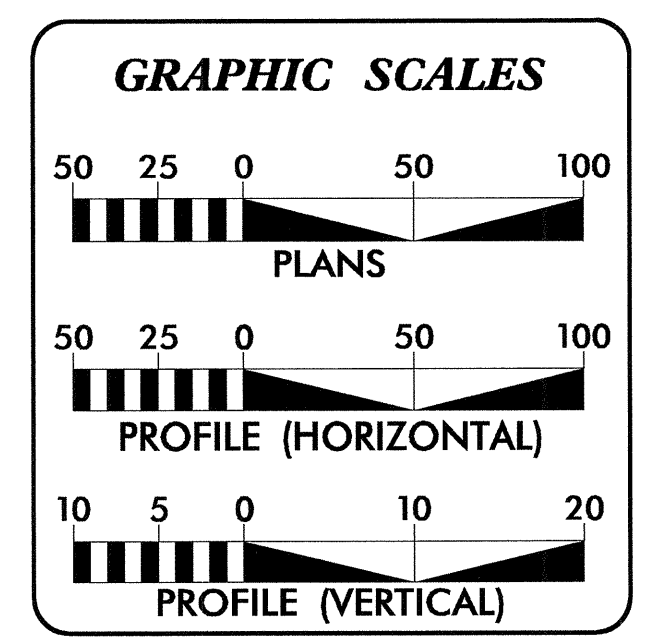
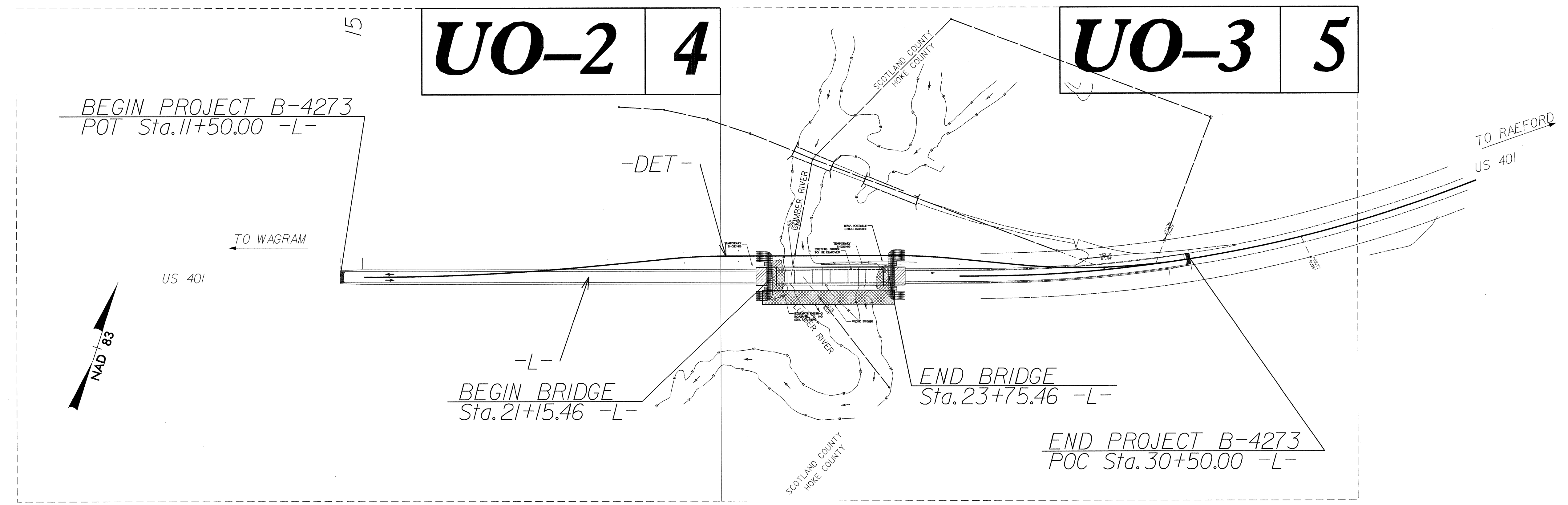
**UTILITIES BY OTHERS PLANS
SCOTLAND & HOKE COUNTIES**

**LOCATION: BRIDGE NO. 47 OVER LUMBER
RIVER ON US 401**

TYPE OF WORK: UTILITY WORK



TIP PROJECT: B-4273



INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
UO-1	TITLE SHEET
UO-2 THRU UO-3	UTILITY BY OTHERS PLAN SHEETS

UTILITY OWNERS ON PROJECT
(1) Windstream Telephone Co.

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

1591 MAIL SERVICES CENTER
RALEIGH, NC 27699-1591
PHONE (919) 101-6690
FAX (919) 250-4151

Roger Worthington, P.E. UTILITIES SECTION ENGINEER
Steve McKee, P.E. UTILITIES SQUAD LEADER PROJECT ENGINEER
Jamshid Hafshejani UTILITIES PROJECT DESIGNER

31-JUL-2012 12:44 P:\Utilities\VRdy_Ut\Proj\B4273_Ut_T\Title_U01_psh.dgn

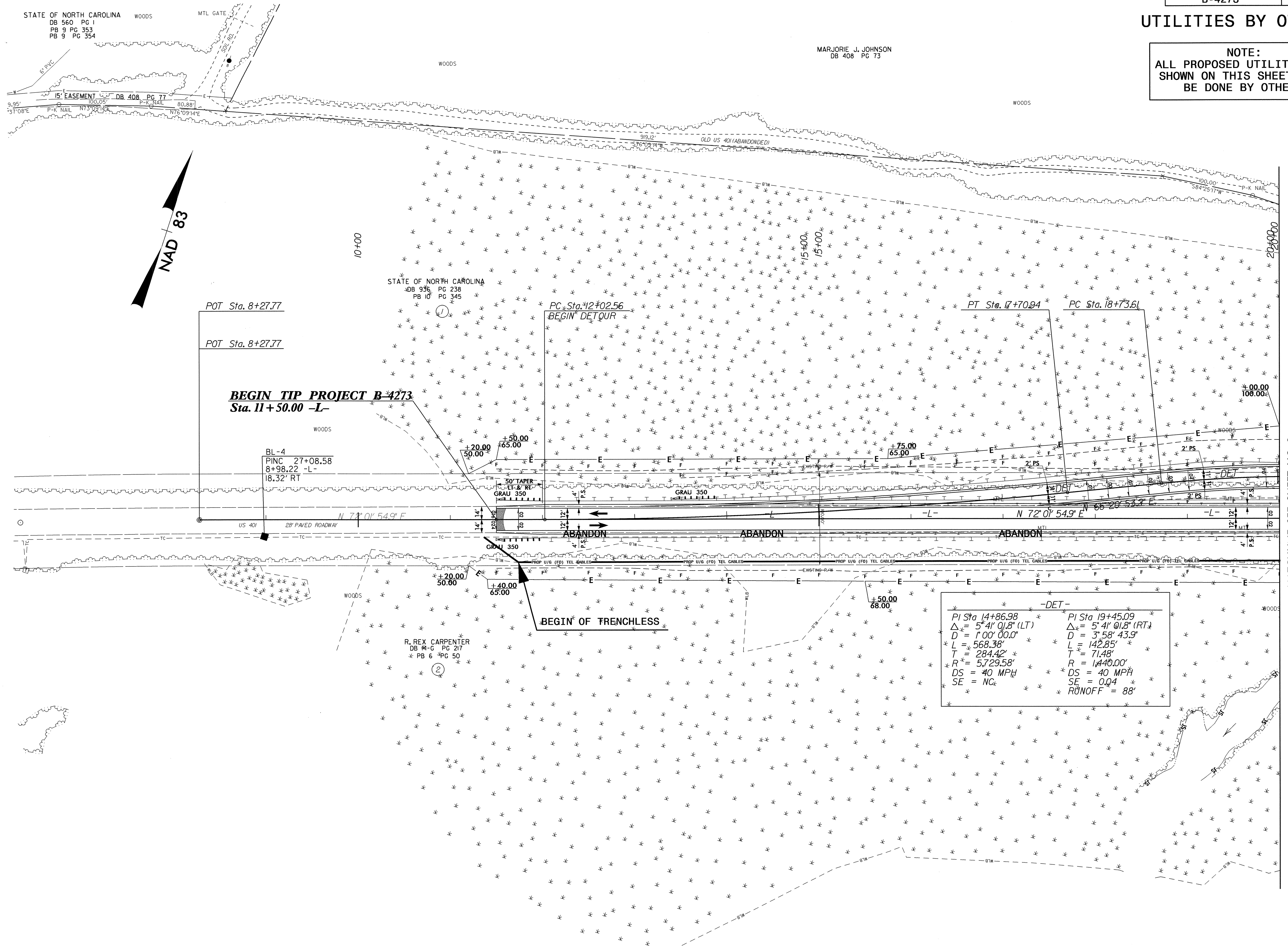
UTILITIES BY OTHERS

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

STATE OF NORTH CAROLINA
DB 560 PG 1
PB 9 PG 353
PB 9 PG 354

MARJORIE J. JOHNSON
DB 408 PG 73

5/14/99

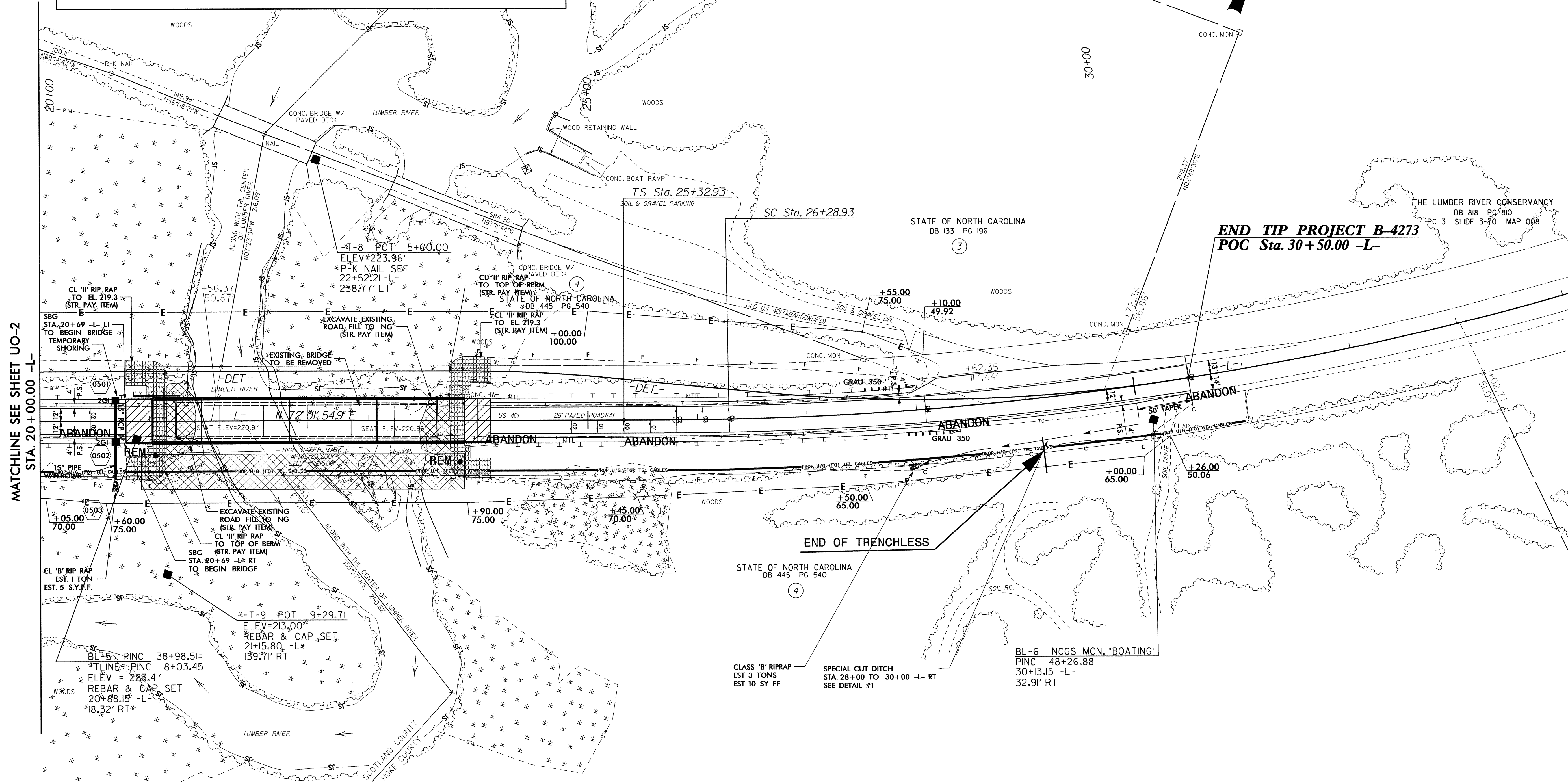
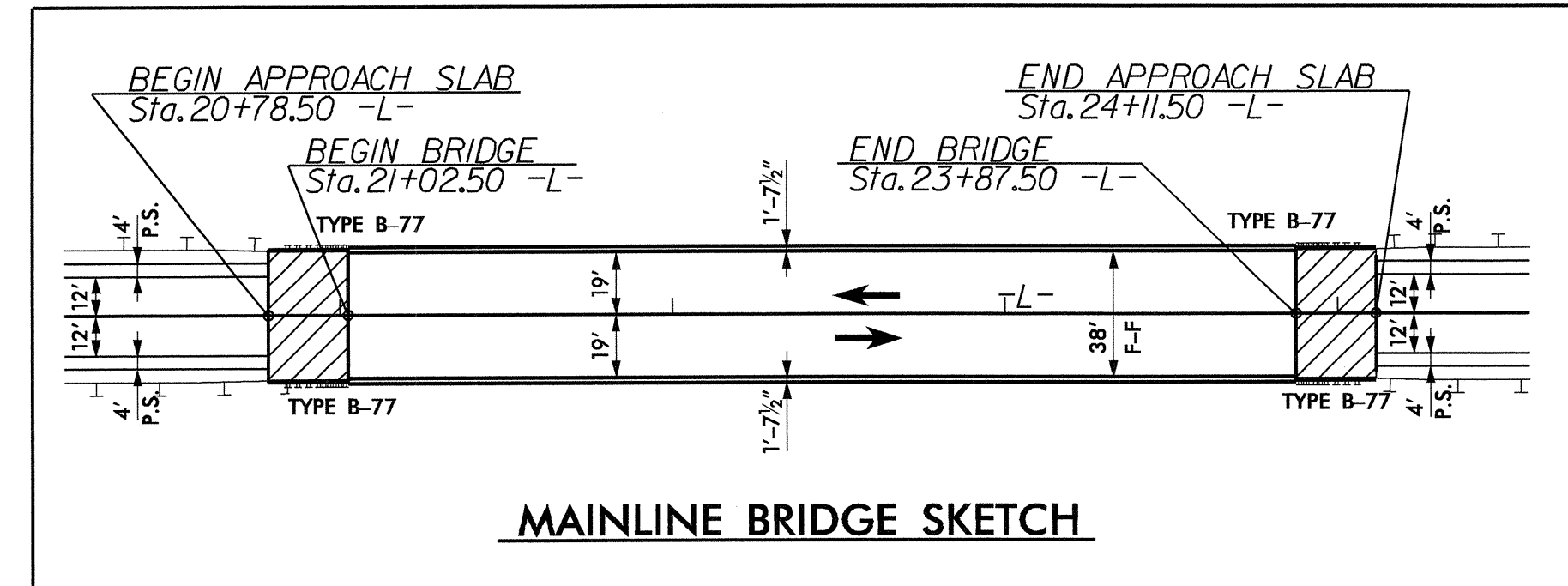


-DET-	
PI Sta 14+86.98	PI Sta 19+45.09
$\Delta_v = 5' 41' 01.8" (LT)$	$\Delta_v = 5' 41' 01.8" (RT)$
$D = 1' 00' 00.0"$	$D = 3' 58' 43.9"$
$L = 568.38'$	$L = 142.85'$
$T = 284.42'$	$T = 71.48'$
$R^* = 5,729.58'$	$R = 1,440.00'$
$DS = 40 MPH$	$DS = 40 MPH$
$SE = NC$	$SE = 0.04$
	$RUNOFF = 88'$

31-Jul-2012 11:48 AM
C:\PROJ\B-4273\UO-2\util_UO2\util_UO2.dgn
by Others Sht#1 - psh.dgn

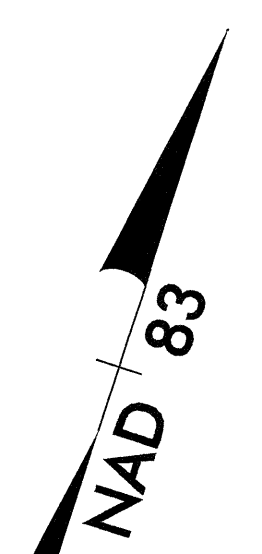
UTILITIES BY OTHERS

NOTE:
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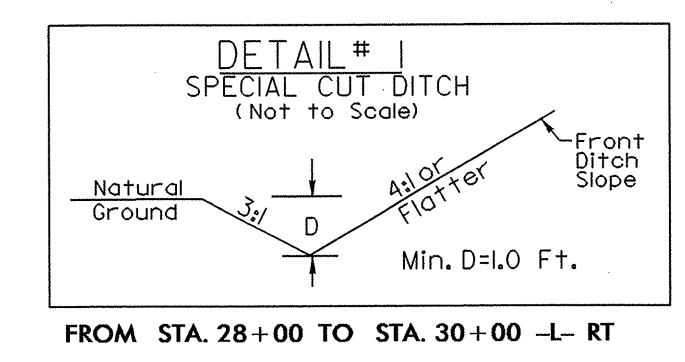
MATCHLINE SEE SHEET UO-2
STA. 20+00.00 -L-

END TIP PROJECT B-4273
POC Sta. 30+50.00 -L-



-L-

Pls Sta 25+96.93	PI Sta 31+28.01
Os = 0° 55' 16.8"	Δ = 18° 59' 01.8" (LT)
Ls = 96.00'	D = 1° 55' 10.0"
LT = 64.00'	L = 989.02'
ST = 32.00'	T = 499.08'
	R = 2,985.00'
	DS = 50 MPH
	SE = 0.04



5/14/1999
31-JUL-2012 10:41
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31-JUL-2012 10:41
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