

09/08/09

TIP PROJECT: B-4157

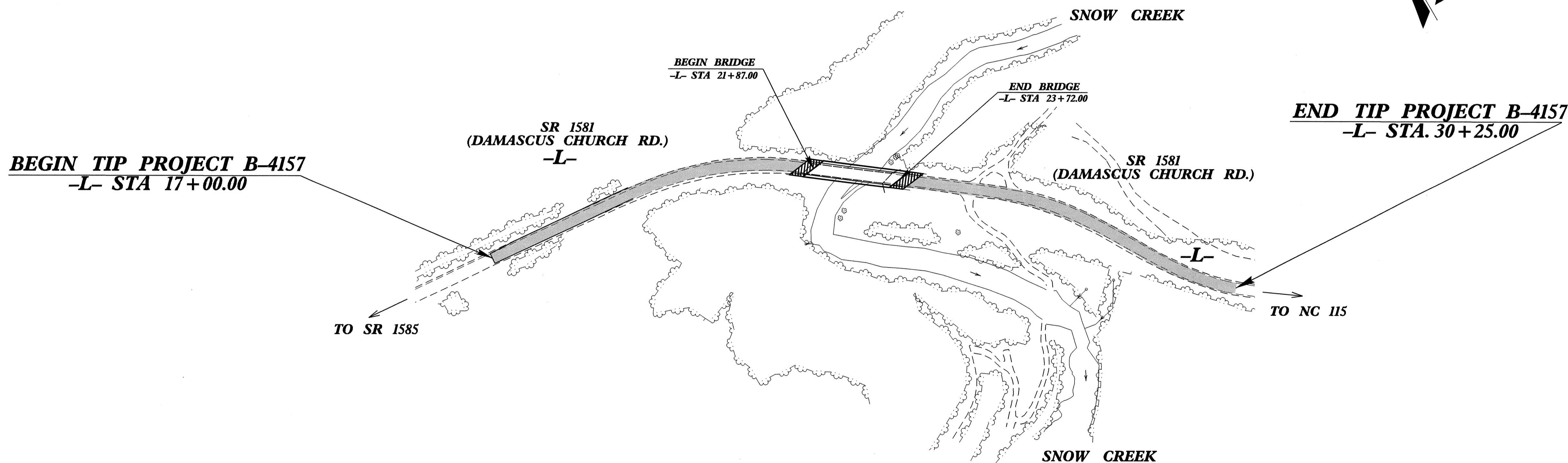
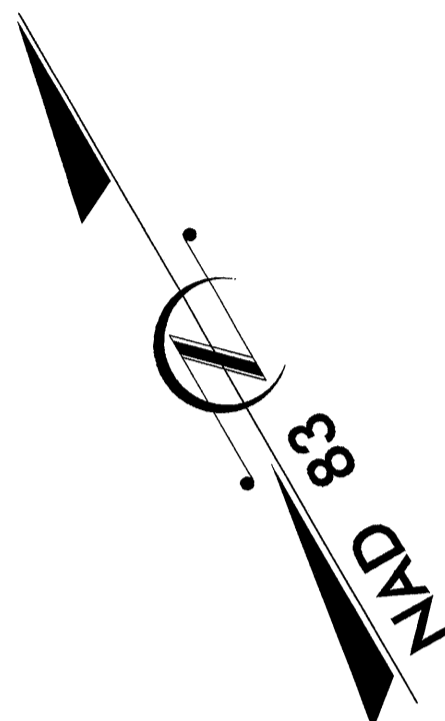
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

T.I.P. NO.	SHEET NO.
B-4157	UO-1

UTILITY BY OTHERS PLANS  
IREDELL COUNTY

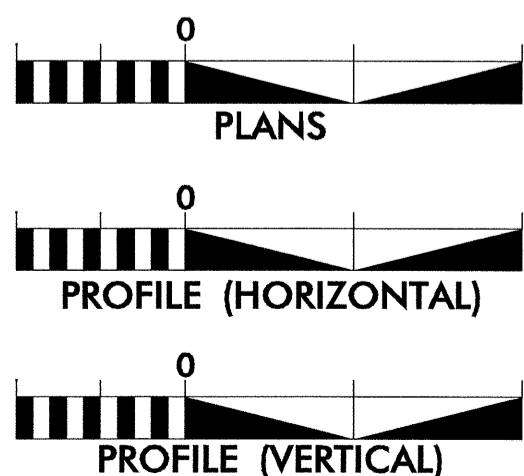
LOCATION: BRIDGE 140 OVER SNOW CREEK ON SR 1581

TYPE OF WORK: UTILITIES RELOCATION



07-NOV-2007 07:49  
F:\Utilities\Ircv\ut\proj\b4157\_ut\_uo1.fsh.dgn  
\$\$\$\$\$USERNAME\$\$\$\$\$

GRAPHIC SCALES



SHEET NO.

UO-1

UO-2

INDEX OF SHEETS

DESCRIPTION

TITLE SHEET

UTILITY BY OTHERS PLAN SHEETS

UTILITY OWNERS ON PROJECT

- (1) AT & T of North Carolina
- (2) Energy United EMC



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

1591 MAIL SERVICES CENTER  
RALEIGH, NC 27699-1591  
PHONE (919) 250-4128  
FAX (919) 250-4119

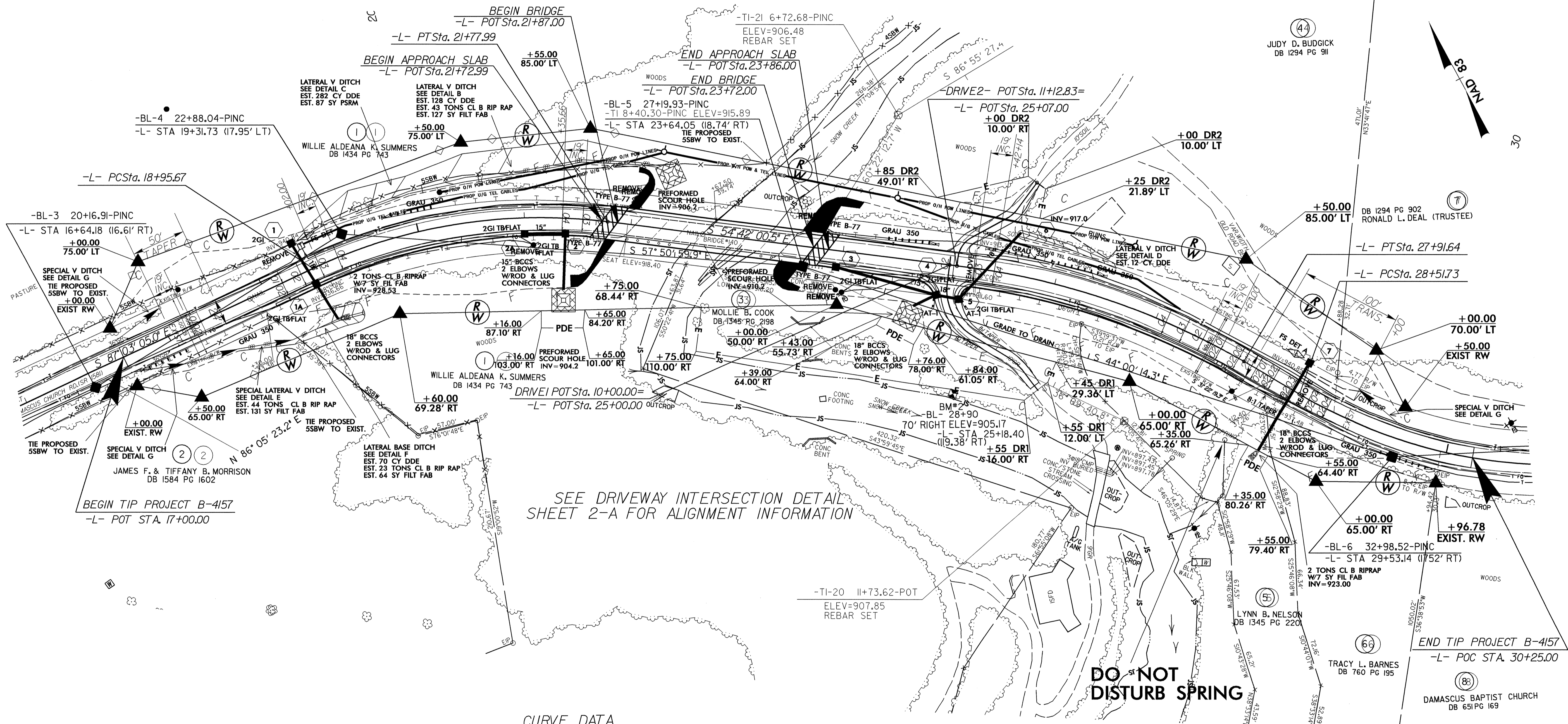
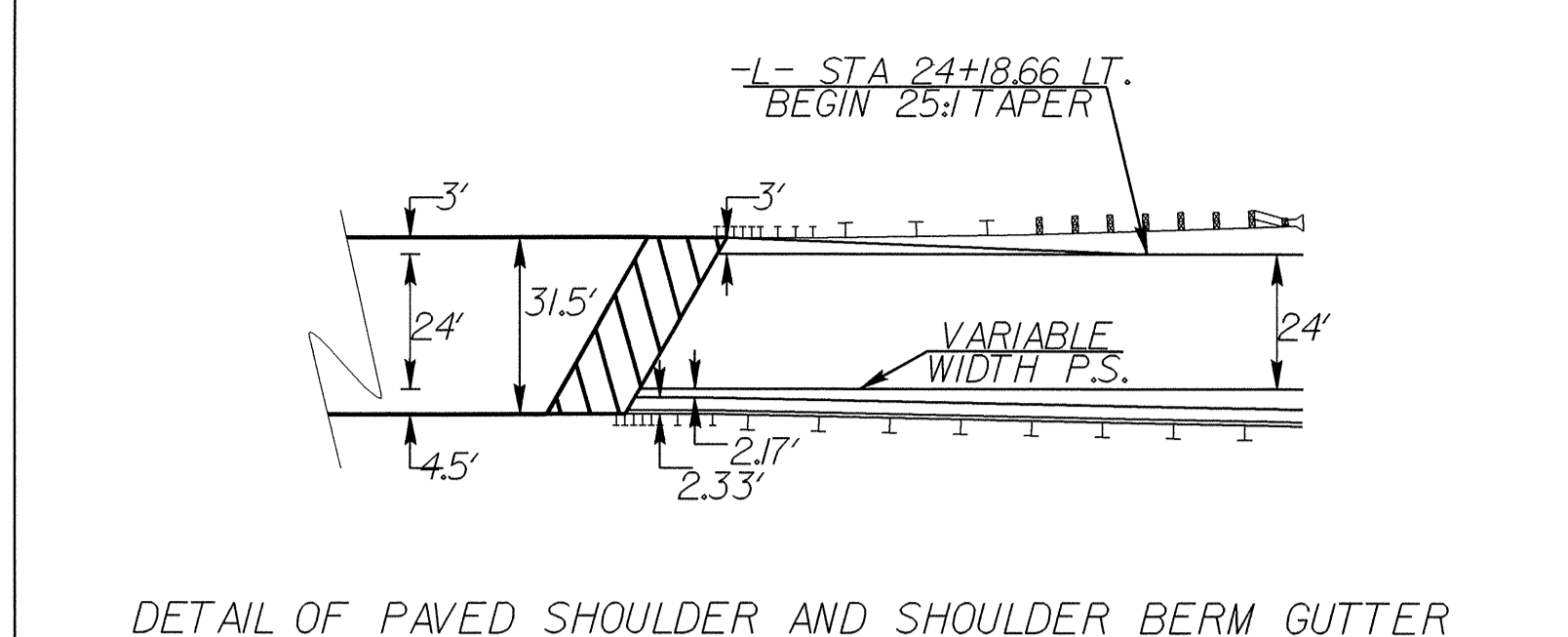
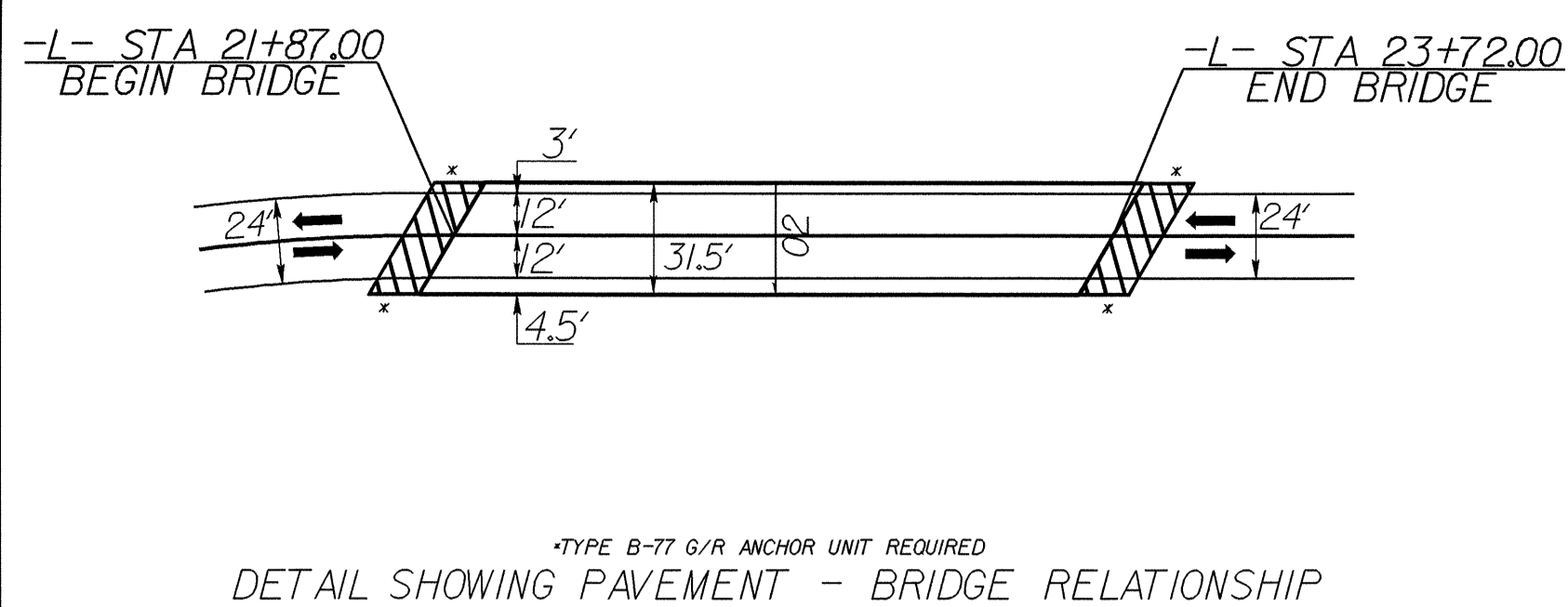
Roger Worthington, P.E. UTILITIES SECTION ENGINEER  
 Corey Bousquet, P.E. UTILITIES SQUAD LEADER PROJECT ENGINEER  
 Kifah Kamil UTILITIES PROJECT DESIGNER

\*\* DESIGN EXCEPTION REQUIRED FOR THE DESIGN SPEED FROM 55 MPH TO 25 MPH

PROJECT REFERENCE NO. B-4157 SHEET NO. UO-2

### UTILITIES BY OTHERS

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



### CURVE DATA

-L-			-DRIVE1-			-DRIVE2-		
PI Sta 20+40.70	PI Sta 26+56.15	PI Sta 29+88.63	PI Sta 10+49.14	PI Sta 11+22.50	PI Sta 10+37.22	PI Sta 10+94.20		
Δ = 32° 31' 04.5" (RT)	Δ = 23° 19' 41.2" (RT)	Δ = 32° 09' 22.8" (LT)	Δ = 65° 21' 35.3" (LT)	Δ = 20° 24' 38.0" (LT)	Δ = 24° 52' 41.4" (RT)	Δ = 54° 08' 55.0" (LT)		
D = 11' 27' 33.0"	D = 8' 29' 17.7"	D = 12' 03' 44.2"	D = 114' 35' 29.6"	D = 88' 08' 50.5"	D = 190' 59' 09.4"	D = 229' 10' 59.2"		
L = 282.32'	L = 274.83'	L = 266.59'	L = 57.04'	L = 23.16'	L = 130.3'	L = 236.3'		
T = 145.03'	T = 139.34'	T = 136.91'	T = 32.07'	T = 11.70'	T = 6.62'	T = 12.78'		
R = 500.00'	R = 675.00'	R = 475.00'	R = 50'	R = 65.00'	R = 30.00'	R = 25.00'		
SE = 04	SE = 04	SE = 04						
RO = 76'	RO = 76'	RO = 76'						
V = 39 MPH	V = 40 MPH	V = 35 MPH						

FOR L, DRIVE1, & DRIVE2 PROFILES, SEE SHEET NO. 5

FOR STRUCTURE PLANS, SEE SHEET S-? THRU S-??

5/14/99 225:00T:20007:11485: r:\n\projects\11485\11485.dwg