6/2/99

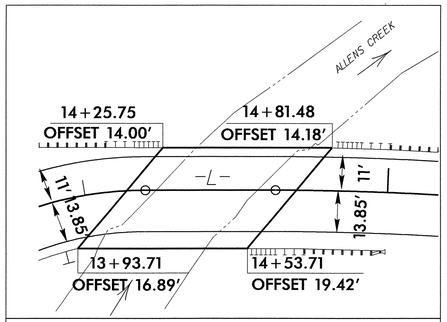
PROJECT REFERENCE NO.	SHEET NO.
B-3659	2-B

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 17691 ENGINEER RICHARD A. SHILLINGLAW

12-01-04

Richard A. Shillinglaw

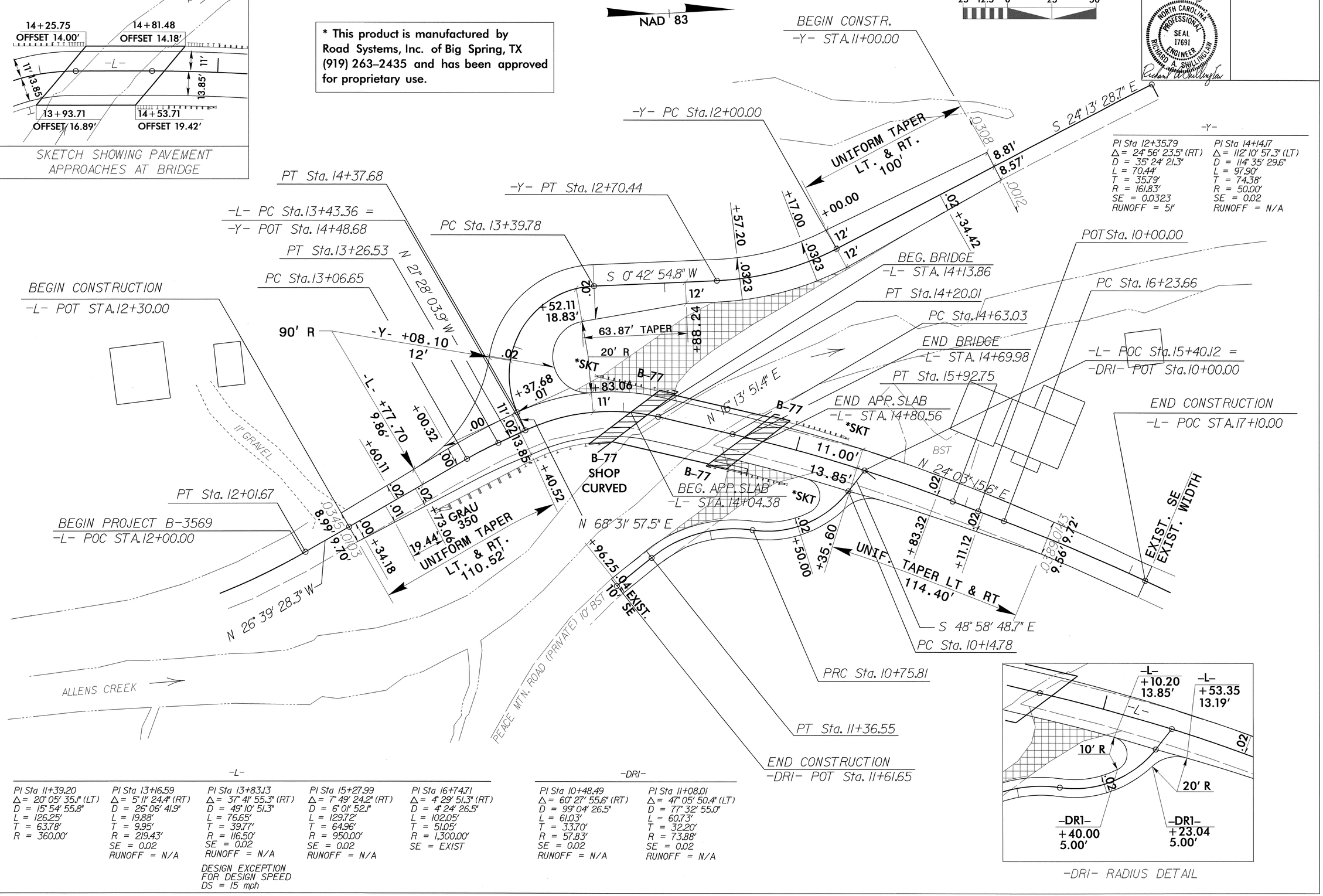


SKETCH SHOWING PAVEMENT APPROACHES AT BRIDGE

* This product is manufactured by Road Systems, Inc. of Big Spring, TX (919) 263-2435 and has been approved for proprietary use.

NAD 83

25 12.5 0 25 50



-Y-

PI Sta 12+35.79	PI Sta 14+14.17
Δ = 24° 56' 23.5" (RT)	Δ = 112° 10' 57.3" (LT)
D = 35° 24' 21.3"	D = 114° 35' 29.6"
L = 70.44'	L = 97.90'
T = 35.79'	T = 74.38'
R = 161.83'	R = 50.00'
SE = 0.0323	SE = 0.02
RUNOFF = 5'	RUNOFF = N/A

-L-

PI Sta 11+39.20	PI Sta 13+16.59	PI Sta 13+83.13	PI Sta 15+27.99	PI Sta 16+74.71
Δ = 20° 05' 35.1" (LT)	Δ = 5° 11' 24.4" (RT)	Δ = 37° 41' 55.3" (RT)	Δ = 7° 49' 24.2" (RT)	Δ = 4° 29' 51.3" (RT)
D = 15° 54' 55.8"	D = 26° 06' 41.9"	D = 49° 10' 51.3"	D = 6° 01' 52.1"	D = 4° 24' 26.5"
L = 126.25'	L = 19.88'	L = 76.65'	L = 129.72'	L = 102.05'
T = 63.78'	T = 9.95'	T = 39.77'	T = 64.96'	T = 51.05'
R = 360.00'	R = 219.43'	R = 116.50'	R = 950.00'	R = 1,300.00'
	SE = 0.02	SE = 0.02	SE = 0.02	SE = EXIST
	RUNOFF = N/A	RUNOFF = N/A	RUNOFF = N/A	
		DESIGN EXCEPTION FOR DESIGN SPEED DS = 15 mph		

-DRI-

PI Sta 10+48.49	PI Sta 11+08.01
Δ = 60° 27' 55.6" (RT)	Δ = 47° 05' 50.4" (LT)
D = 99° 04' 26.5"	D = 77° 32' 55.0"
L = 61.03'	L = 60.73'
T = 33.70'	T = 32.20'
R = 57.83'	R = 73.88'
SE = 0.02	SE = 0.02
RUNOFF = N/A	RUNOFF = N/A

-DRI- RADIUS DETAIL

01-DEC-2004 09:44
C:\Projects\3659.dgn
RShillinglaw.dgn
RD187117