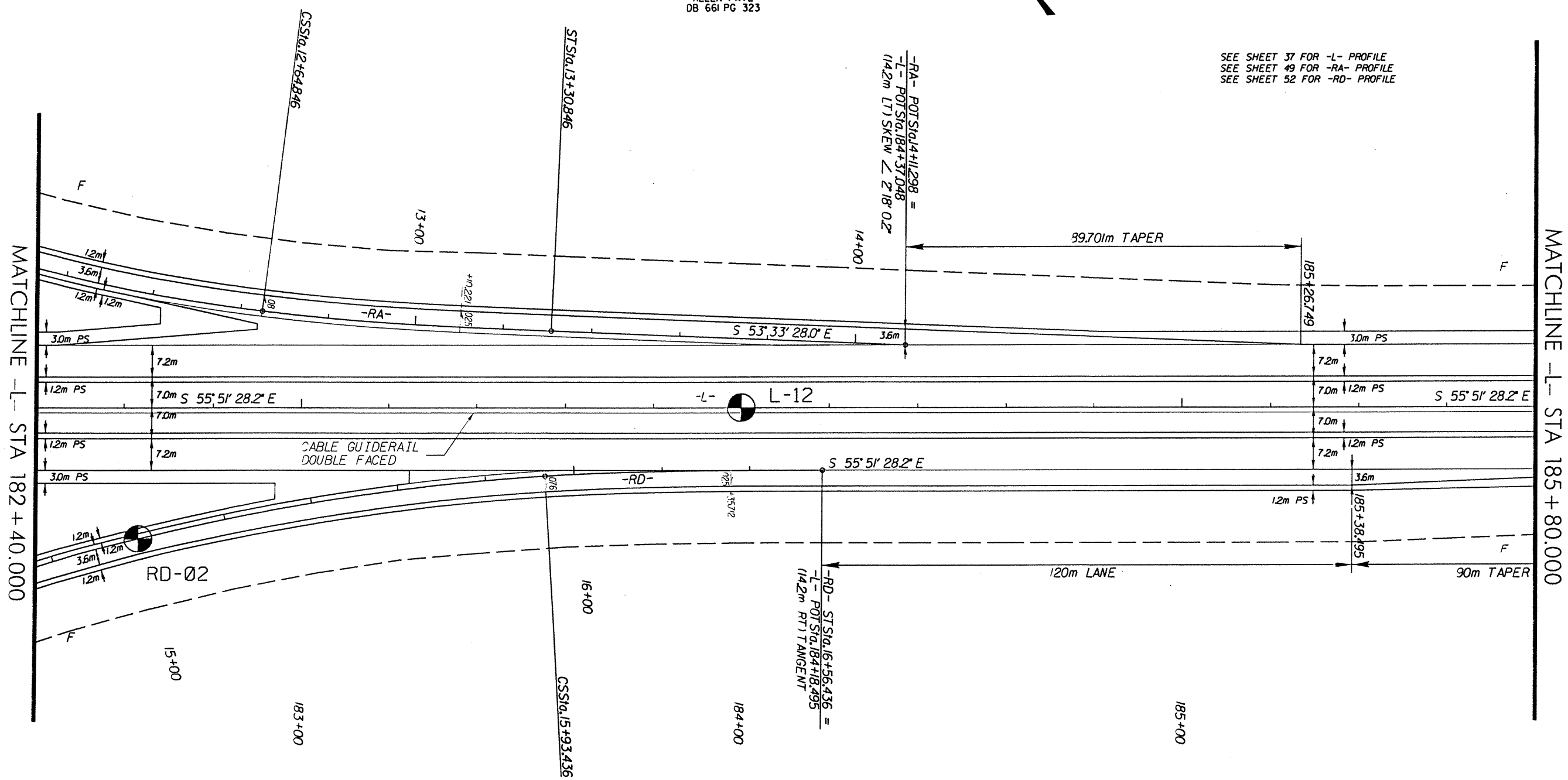


-RA-
 PI Sta 11+51.759 Pls Sta 12+86.860
 $\Delta = 33^\circ 22' 25.8" (LT)$ $\Theta_s = 4^\circ 43' 36.8"$
 $L = 232.993$ $L_s = 66.000$
 $T = 119.906$ $LT = 44.016$
 $R = 400.000$ $ST = 22.014$
 $SE = 0.080$

DESCRIPTION: US 74 From West of SR 1157 to West of SR 1164	PROJ. NO.: 6.469002T	SHEET NO. 12
	T.I.P. NO.: R-0513BB	TOTAL SHEETS: 65
	F.A. NO.: N/A	R/W SHEET NO.:
PREPARED BY: CATLIN ENGINEERS and SCIENTISTS WILMINGTON, NORTH CAROLINA	COUNTY: Robeson	ROADWAY DESIGN ENGINEER
		HYDRAULICS ENGINEER
	PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION	
	CONST. REV.	
	R/W REV.	

HELEN PATE
DB 661 PG 323



SEE SHEET 37 FOR -L- PROFILE
 SEE SHEET 49 FOR -RA- PROFILE
 SEE SHEET 52 FOR -RD- PROFILE

MATCHLINE -L- STA 182+40.000

MATCHLINE -L- STA 185+80.000

-RD-
 PI Sta 15+20.156 Pls Sta 16+14.444
 $\Delta = 16^\circ 55' 07.0" (RT)$ $\Theta_s = 3^\circ 36' 34.7"$
 $L = 147.643$ $L_s = 63.000$
 $T = 74.362$ $LT = 42.009$
 $R = 500.000$ $ST = 21.008$
 $SE = 0.076$

HELEN PATE
DB 661 PG 323