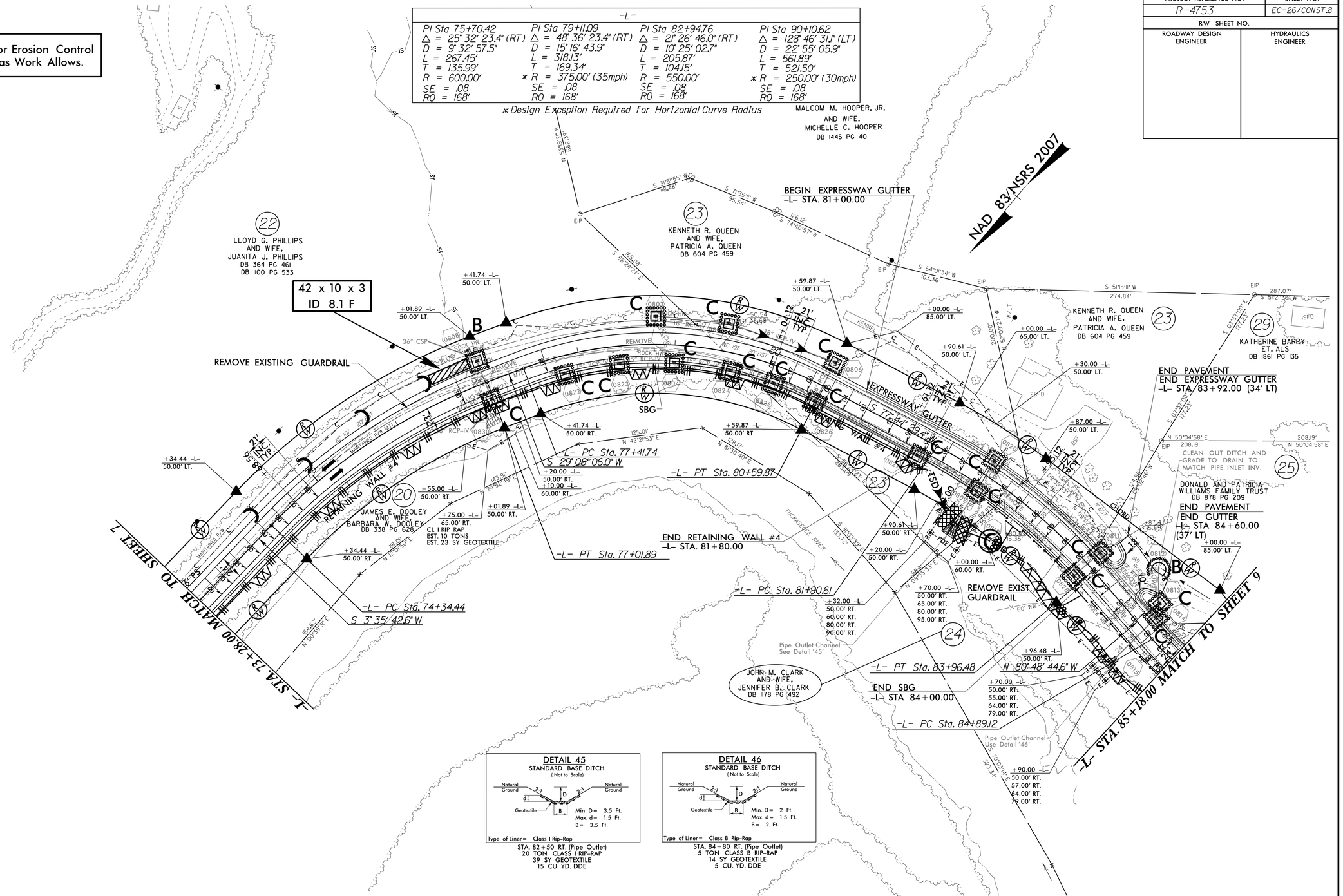
PROJECT REFERENCE NO.	SHEET NO.
R-4753	EC-26/CONST.8
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

Place Matting for Erosion Control on All Slopes as Work Allows.

-L-			
PI Sta 75+70.42	PI Sta 79+11.09	PI Sta 82+94.76	PI Sta 90+10.62
△ = 25° 32' 23.4" (RT)	△ = 48° 36' 23.4" (RT)	△ = 21° 26' 46.0" (RT)	△ = 128° 46' 31.1" (LT)
D = 9° 32' 57.5"	D = 15° 16' 43.9"	D = 10° 25' 02.7"	D = 22° 55' 05.9"
L = 267.45'	L = 318.13'	L = 205.87'	L = 561.89'
T = 135.99'	T = 169.34'	T = 104.15'	T = 521.50'
R = 600.00'	* R = 375.00' (35mph)	R = 550.00'	* R = 250.00' (30mph)
SE = .08	SE = .08	SE = .08	SE = .08
RO = 168'	RO = 168'	RO = 168'	RO = 168'

* Design Exception Required for Horizontal Curve Radius



DETAIL 45
STANDARD BASE DITCH
(Not to Scale)

Natural Ground, 2:1, d, D, 2:1, Natural Ground; Geotextile; B

Min. D = 3.5 Ft.
Max. d = 1.5 Ft.
B = 3.5 Ft.

Type of Liner = Class I Rip-Rap

STA. 82+50 RT. (Pipe Outlet)
20 TON CLASS I RIP-RAP
39 SY GEOTEXTILE
15 CU. YD. DDE

DETAIL 46
STANDARD BASE DITCH
(Not to Scale)

Natural Ground, 2:1, d, D, 2:1, Natural Ground; Geotextile; B

Min. D = 2 Ft.
Max. d = 1.5 Ft.
B = 2 Ft.

Type of Liner = Class B Rip-Rap

STA. 84+80 RT. (Pipe Outlet)
5 TON CLASS B RIP-RAP
14 SY GEOTEXTILE
5 CU. YD. DDE

Note: All Driveway Radii are 20' Unless Otherwise Noted
Note: All Proposed Guardrail to Use Weathered Steel Unless Otherwise Noted

SBG = SHOULDER BERM GUTTER
SEE SHEET 21 FOR -L- PROFILE
SEE SHEETS W-1 THRU W-8 FOR RETAINING WALL PLANS

5/14/99

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