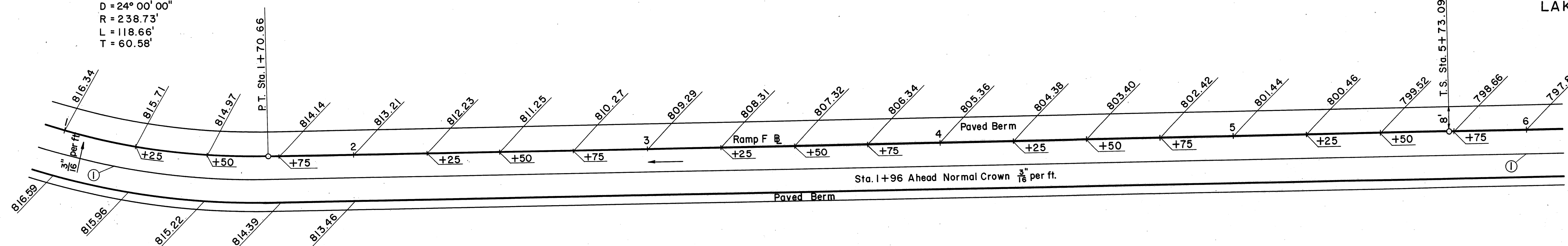


FED. RD. DIVISION	STATE	PROJECT	
2	OHIO	ACI-1103 (27)	

321
413

LAKE COUNTY
LAK-1-16.55

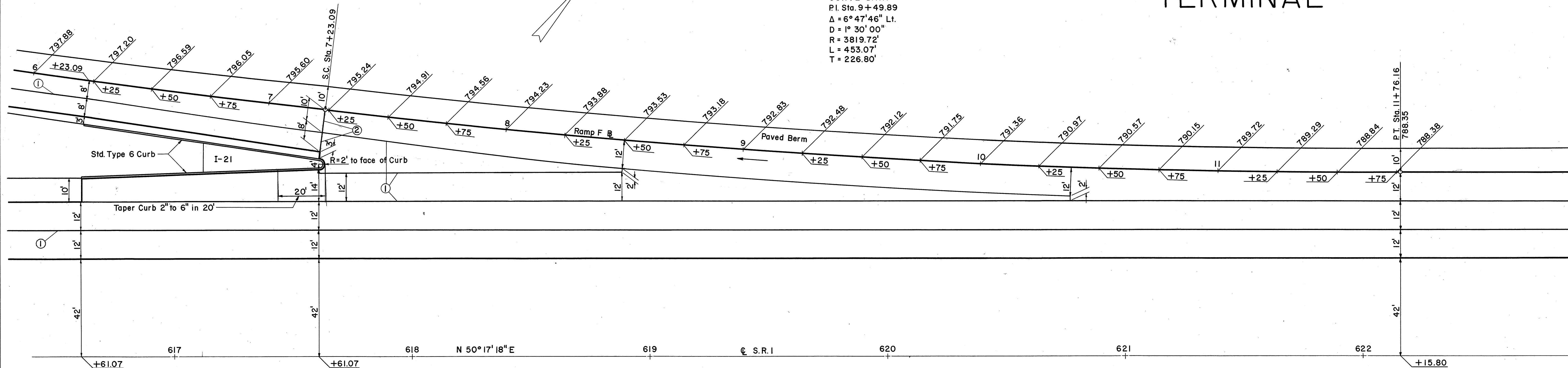
RAMP F
CURVE DATA
P.I. Sta. 1+12.58
 $\Delta = 28^\circ 28' 44''$ Lt.
D = $24^\circ 00' 00''$
R = 238.73'
L = 118.66'
T = 60.58'



RAMP F EXIT TERMINAL

RAMP F
SPIRAL DATA
P.I. Sta. 6+73.09
 $\theta_s = 1^\circ 07' 30''$ Lt.
L.T. = 100.00'
S.T. = 50.00'
L_s = 150.00'

RAMP F
CURVE DATA
P.I. Sta. 9+49.89
 $\Delta = 6^\circ 47' 46''$ Lt.
D = $1^\circ 30' 00''$
R = 3819.72'
L = 453.07'
T = 226.80'



RAMP F EXIT TERMINAL

CONSTRUCTION JOINT LEGEND
 ① Standard Longitudinal Joint.
 ② Standard Expansion Joint.

VROOMAN ROAD INTERCHANGE
RAMP F

Scale 1" = 20'-0"