



$\Delta = 13^{\circ}20'$
 $E = 4.0'$
 $D = 7^{\circ}25'$
 $R = 588.36$
 $T = 48.77$
 $L = 136.92$

$\Delta = 12^{\circ}00'$
 $E = 4.3'$
 $D = 10^{\circ}00'$
 $R = 573.67$
 $T = 70.44$
 $L = 120.13$

$\Delta = 37^{\circ}10'$
 $E = 15.75$
 $D = 20^{\circ}$
 $R = 287.94$
 $T = 94.81$
 $L = 186.78$

$\Delta = 15^{\circ}10'$
 $E = 5'$
 $D = 20^{\circ}$
 $R = 287.94$
 $T = 94.81$
 $L = 150.11$

$\Delta = 10^{\circ}40'$
 $E = 3.0'$
 $D = 8^{\circ}15'$
 $R = 690.91$
 $T = 64.50$
 $L = 128.63$

PROFILE

Scale : 1" = 50' Hor.
 1" = 10' Vert.

Station	Elevation
STA. 56	DATUM +600
	El. +616.5
57	+618.5
58	+621.4
59	+624.2
60	+627.5
61	+634.1
62	+634.6
63	+636.8
64	+640.3
65	+644.7
66	+649.3
67	651.5
68	+654.6
69	+658.9
70	+601.2
71	+666.4
72	+669.3
73	+672.6
74	+674.6 S. Wall of Culvert
	+706.5 Surf. el.
75	+679.5 N. Wall of Culvert

HUDSON COAL CO.
 SURFACE DRAINAGE PROJECT #
BROWN'S CREEK
 Plymouth & Larksville Boro. LUZERNE Co. Pa.