



SCALE
Highway Plan - 1" = 50'
Color Scheme - 1" = 100'

LEGEND

- Green Area: Denotes Area Necessary for Lateral and Vertical Support for Turns Within 300 Feet of Surface.
- Red Area: Denotes Area Necessary for Lateral and Vertical Support for All Turns.

TEST HOLE NO. 1 19.5' Lt. Sta. 99+25			TEST HOLE NO. 2 15' Lt. Sta. 99+42.5		
Old Ground	Elev.		Old Ground	Elev.	
Bottom of Rod	829.34		Bottom of Rod	827.68	
1.10	827.64	Blows	1.25	826.24	
1.11	826.53		1.02	825.22	
1.19	825.74		1.00	824.44	
1.70	825.04		1.00	823.64	
1.63	824.41		1.00	822.92	
1.66	823.75		1.00	822.34	
1.56	823.19		1.00	821.81	
1.48	822.71		1.00	821.31	
1.35	822.36		1.00	820.84	
1.47	821.89		1.00	820.42	
1.44	821.45		1.00	819.97	
1.44	821.01		1.00	819.52	
1.40	820.61		1.00	819.14	
1.39	820.22		1.00	818.79	
1.34	818.88		1.00	818.47	
1.80	818.08		1.00	818.15	
1.68	816.40		1.00	817.82	
2.42	815.98		1.00	817.51	
1.92	812.06		1.00	817.19	
1.51	810.55		1.00	816.83	
1.85	809.70		1.00	816.85	
1.98	808.72		1.00	816.72	
1.73	807.99		1.00	809.99	
1.55	807.44		1.00	808.42	
0.00	807.44		1.20	807.16	
			1.21	805.95	
			1.07	804.88	
			0.93	803.95	
			0.74	803.21	

NOTE: These Tests were made with P.D.H. Standard Test Sounding Device S.K. 301. Weight of Ram 50 lbs. Average Drop of Hammer 30". Rod Used - 3/4" φ.

SURVEY & RIGHT OF WAY DATA
 P.I. Sta. 104+03.90
 Δ = 18° 44' 00", Rt.
 D = 3' 30"
 T = 270.07'
 L = 535.24'
 R = 1,637.28'
 S.E. = 5/8" per Ft.

Spiral Curve Data
 Dc = 3° 30'
 Ts = 370.19'
 Ls = 200.00'
 p = 1.02

DISTRICT	COUNTY	ROUTE	SEC.	SHEET
4	LUZERNE	40031	5	9 of 15
NEWPORT TWP.				
REQUIRED LIST				
Sta. 91+35 to Sta. 91+52.75 Rt. 13 S.Y. 5" Pl. Cem. Conc. Gutter, Type "B" 3 C.Y. Cl. 1 Exc.				
Sta. 91+50 48 L.F. 18" R.C.C. Pipe 1 Type-4 Ft. Special Inlet, Rt. 1.0 C.Y. Cl. B Conc., Type DE Edw., Lt. 27 C.Y. Cl. 2 Exc., (Pipe & Edw.)				
Sta. 91+50 to Sta. 97+50 Rt. 600 L.F. 18" Perf. A.C.C.M. Pipe Fully Coated for Comb. S.S. & Udrain 161 C.Y. Cl. 2 Exc. 58 C.Y. No. 2B Aggr.				
Sta. 91+75 to Sta. 94+50 Lt. 57 C.Y. Cl. 2 Exc., (Par. Ditch) W=18"				
Sta. 94+35 to Sta. 94+52.75 Rt. 13 S.Y. 5" Pl. Cem. Conc. Gutter, Type "B" 3 C.Y. Cl. 1 Exc.				
Sta. 94+50 48 L.F. 18" R.C.C. Pipe 1.0 C.Y. Cl. B Conc., Type "DE" Edw., Lt. 1 Type 4 Ft. Special Inlet, Rt. 27 C.Y. Cl. 2 Exc., (Pipe & Edw.)				
Sta. 94+75 to Sta. 97+12 Lt. 49 C.Y. Cl. 2 Exc., (Par. Ditch) - W=18"				
Sta. 97+12 Lt. 1 Type 4" Special Inlet Lt. 6 C.Y. Cl. 2 Exc. - Pipe 8 L.F. 18" R.C.C. Pipe				
Sta. 96+00 to Sta. 97+25 Lt. 126 L.F. Reset Curb (Rt. Side of Appr.)				
Sta. 97+68 Approach Lt. 462 S.Y. 2 1/2" Bit. Surf. Crse. 1D-2 471 S.Y. 10" Cr. Aggr. Base Crse. Type A 198 C.Y. Cl. 1 Exc. 171 C.Y. Emb. 121 L.F. Shoulders 471 S.Y. Subgrade				
Sta. 96+00 to Sta. 96+75 Lt. 2 C.Y. Cl. 2 Exc., (Curb Removal)				
Sta. 97+35 to Sta. 97+52.75 Rt. 13 S.Y. 5" Pl. Cem. Conc. Gutter, Type "B" 3 C.Y. Cl. 1 Exc.				
Sta. 97+34 56 L.F. 18" R.C.C. Pipe 1 Type-4 Ft. Special Inlet Rt. 33 C.Y. Cl. 2 Exc. (Pipe) 1.8 C.Y. Cl. B Conc. Special Edw. Lt. (See Sketch - Sheet No. 3)				
Sta. 97+50 to Sta. 98+74 Rt. 124 L.F. 24" Perf. A.C.C.M. Pipe Fully Coated for Comb. S.S. & Udrain 48 C.Y. Cl. 2 Exc. (Pipe & Edw.) 10 C.Y. No. 2B Aggr. 3.4 C.Y. Cl. B Conc. E-S" Edw. (Outlet End)				
Sta. 100+22 - Rt. 24 L.F. Permanent Barricade Type A				

DATUM