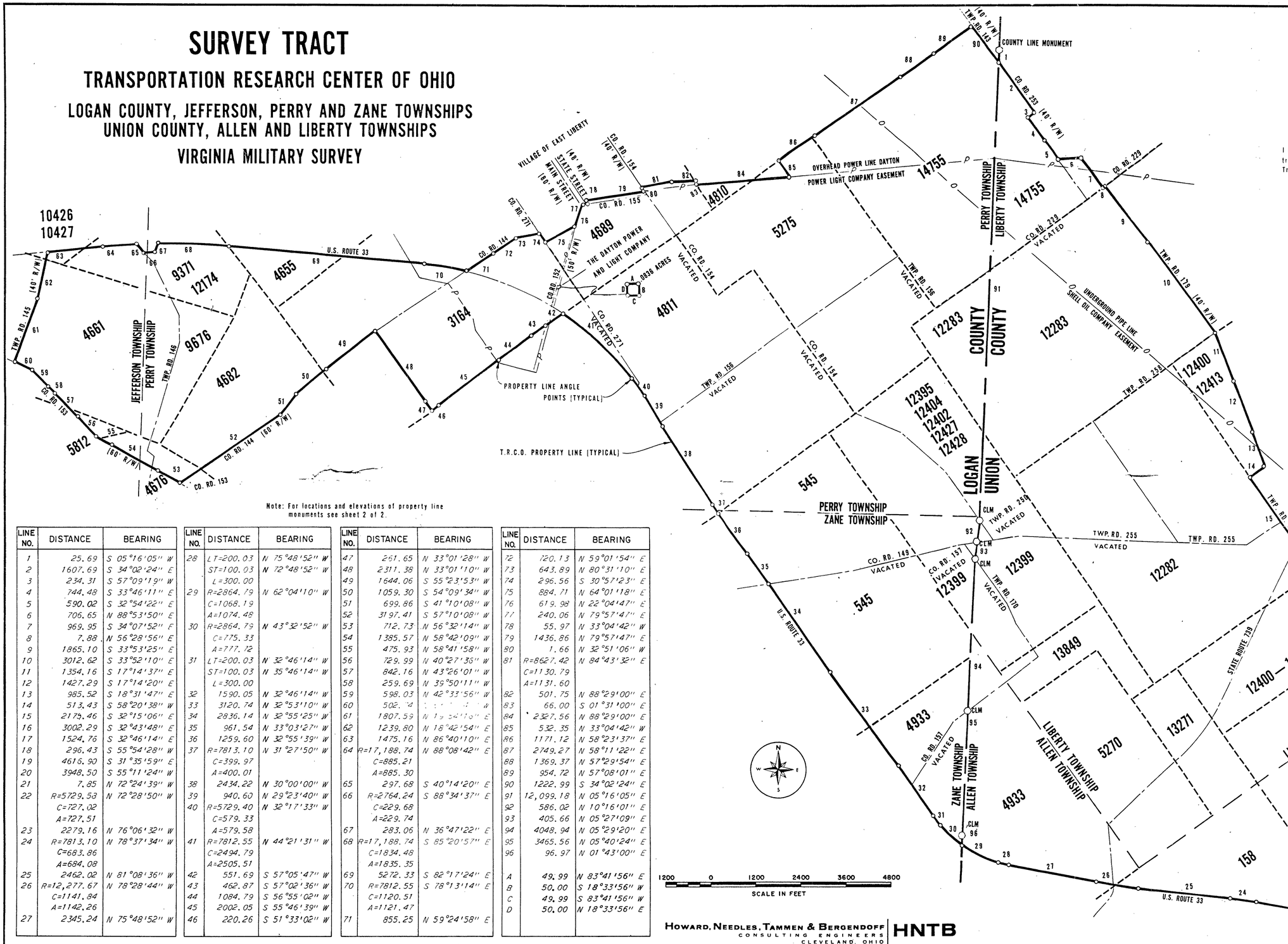
Log-33-(31.39X24.16X26.98) 4Ni. 33-0.00

SURVEY TRACT

TRANSPORTATION RESEARCH CENTER OF OHIO

LOGAN COUNTY, JEFFERSON, PERRY AND ZANE TOWNSHIPS
UNION COUNTY, ALLEN AND LIBERTY TOWNSHIPS
VIRGINIA MILITARY SURVEY



Note: For locations and elevations of property line monuments see sheet 2 of 2.

LINE NO.	DISTANCE	BEARING
1	25.69	S 05°16'05" W
2	1607.69	S 34°02'24" E
3	234.31	S 57°09'19" W
4	744.48	S 33°46'11" E
5	590.02	S 32°54'22" E
6	706.65	N 88°53'50" E
7	969.95	S 34°07'52" E
8	7.88	N 56°28'56" E
9	1865.10	S 33°53'25" E
10	3012.62	S 33°52'10" E
11	1354.16	S 17°14'37" E
12	1427.29	S 17°14'20" E
13	985.52	S 18°31'47" E
14	513.43	S 58°20'38" W
15	2179.46	S 32°15'06" E
16	3002.29	S 32°43'48" E
17	1524.76	S 32°46'14" E
18	296.43	S 55°54'28" W
19	4616.90	S 31°35'59" E
20	3948.50	S 55°11'24" W
21	7.85	N 72°24'39" W
22	R=5729.53	N 72°28'50" W
	C=727.02	
	A=727.51	
23	2279.16	N 76°06'32" W
24	R=7813.10	N 78°37'34" W
	C=683.86	
	A=684.08	
25	2462.02	N 81°08'36" W
26	R=12,277.67	N 78°28'44" W
	C=1141.84	
	A=1142.26	
27	2345.24	N 75°48'52" W

LINE NO.	DISTANCE	BEARING
28	LT=200.03	N 75°48'52" W
	ST=100.03	N 72°48'52" W
	L=300.00	
29	R=2864.79	N 62°04'10" W
	C=1068.19	
	A=1074.48	
30	R=2864.79	N 43°32'52" W
	C=775.33	
	A=777.12	
31	LT=200.03	N 32°46'14" W
	ST=100.03	N 35°46'14" W
	L=300.00	
32	1590.05	N 32°46'14" W
33	3120.74	N 32°53'10" W
34	2836.14	N 32°55'25" W
35	961.54	N 33°03'27" W
36	1259.60	N 32°55'39" W
37	R=7813.10	N 31°27'50" W
	C=399.97	
	A=400.01	
38	2434.22	N 30°00'00" W
39	940.60	N 29°23'40" W
40	R=5729.40	N 32°17'33" W
	C=579.33	
	A=579.58	
41	R=7812.55	N 44°21'31" W
	C=2494.79	
	A=2505.51	
42	551.69	S 57°05'47" W
43	462.87	S 57°02'36" W
44	1084.79	S 56°55'02" W
45	2002.05	S 55°46'39" W
46	220.26	S 51°33'02" W

LINE NO.	DISTANCE	BEARING
47	261.65	N 33°01'28" W
48	2311.38	N 33°01'10" W
49	1644.06	S 55°23'53" W
50	1059.30	S 54°09'34" W
51	699.86	S 41°10'08" W
52	3197.41	S 57°10'08" W
53	712.73	N 56°32'14" W
54	1385.57	N 58°42'09" W
55	475.93	N 58°41'58" W
56	729.99	N 40°27'35" W
57	842.16	N 43°26'01" W
58	259.69	N 39°50'11" W
59	598.03	N 42°33'56" W
60	502.[illegible]	[illegible] W
61	1807.59	N [illegible]" E
62	1239.80	N 16°42'54" E
63	1475.16	N 86°40'10" E
64	R=17,188.74	N 88°08'42" E
	C=885.21	
	A=885.30	
65	297.68	S 40°14'20" E
66	R=2764.24	S 88°34'37" E
	C=229.68	
	A=229.74	
67	283.06	N 36°47'22" E
68	R=17,188.74	S 85°20'57" E
	C=1834.48	
	A=1835.35	
69	5272.33	S 82°17'24" E
70	R=7812.55	S 78°13'14" E
	C=1120.51	
	A=1121.47	
71	855.25	N 59°24'58" E

LINE NO.	DISTANCE	BEARING
72	720.13	N 59°01'54" E
73	643.89	N 80°31'10" E
74	296.56	S 30°57'23" E
75	884.71	N 64°01'18" E
76	619.98	N 22°04'47" E
77	240.06	N 79°57'47" E
78	55.97	N 33°04'42" W
79	1436.86	N 79°57'47" E
80	1.66	N 32°51'06" W
81	R=8627.42	N 84°43'32" E
	C=1130.79	
	A=1131.60	
82	501.75	N 88°29'00" E
83	66.00	S 01°31'00" E
84	2327.56	N 88°29'00" E
85	532.35	N 33°04'42" W
86	1171.12	N 58°23'37" E
87	2749.27	N 58°11'22" E
88	1369.37	N 57°29'54" E
89	954.72	N 57°08'01" E
90	1222.99	S 34°02'24" E
91	12,099.18	N 05°16'05" E
92	586.02	N 10°16'01" E
93	405.66	N 05°27'09" E
94	4048.94	N 05°29'20" E
95	3465.56	N 05°40'24" E
96	96.97	N 01°43'00" E
A	49.99	N 83°41'56" E
B	50.00	S 18°33'56" W
C	49.99	S 83°41'56" W
D	50.00	N 18°33'56" E

I hearby certify that this survey tract is a true delineation of a survey made for the Transportation Research Center of Ohio in 1972.

Henry H. Carpenter
Registered Surveyor No. 4671
Howard, Needles, Tammen and Bergendoff
Consulting Engineers

Executive Director
Transportation Research Center of Ohio

LOGAN COUNTY LAND ACQUISITION
4197.73 Acres (Useable Land)
75.50 Acres (Present Road)
4273.23 TOTAL ACRES

UNION COUNTY LAND ACQUISITION
3812.52 Acres (Useable Land)
29.94 Acres (Present Road)
3842.46 TOTAL ACRES

TOTAL LAND ACQUISITION
8010.25 Acres (Useable Land)
105.44 Acres (Present Road)
8115.69 TOTAL ACRES

HOWARD, NEEDLES, TAMMEN & BERGENDOFF
CONSULTING ENGINEERS
CLEVELAND, OHIO
HNTB

REV.-January, 29, 1973
December 15, 1972