OREGON STATE HIGHWAY DEPARTMENT

LOCATED LINE

HELIX JUNCTION - ATHENA SECTION

ATHENA - HOLDMAN HIGHWAY

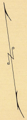
UMATILLA COUNTY

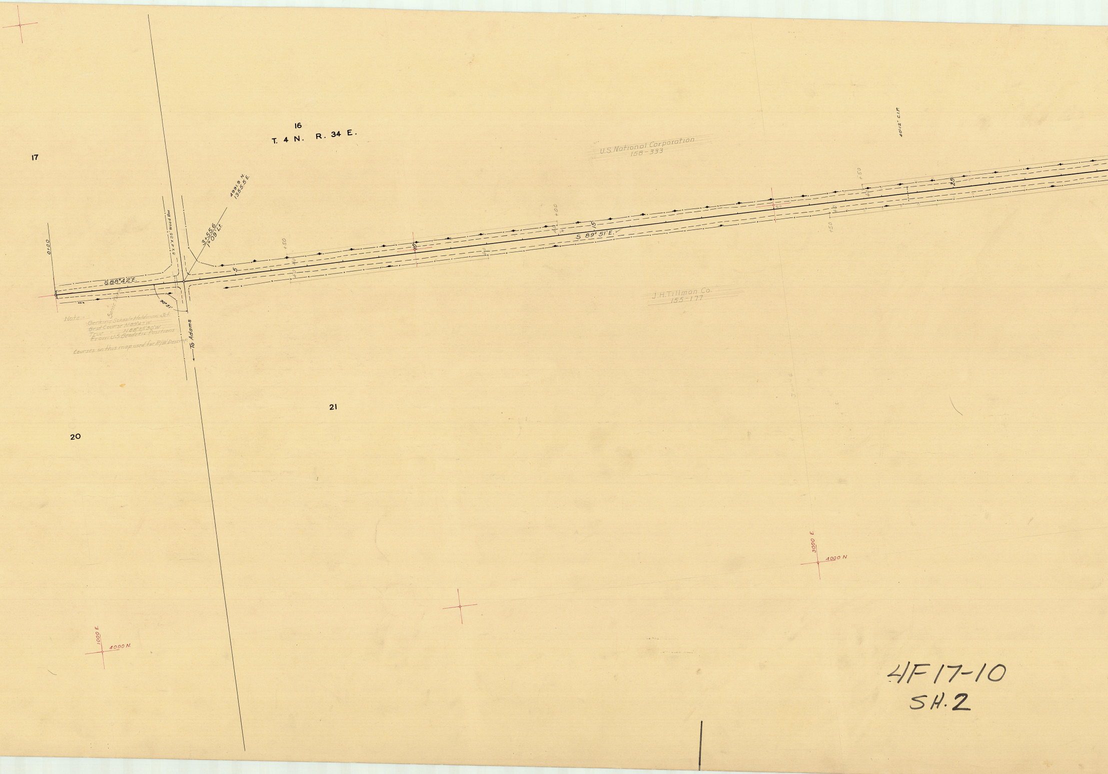
SCALE 1 IN. = 100 FT.

L. H. WARFIELD RES. ENGINEER 1941.

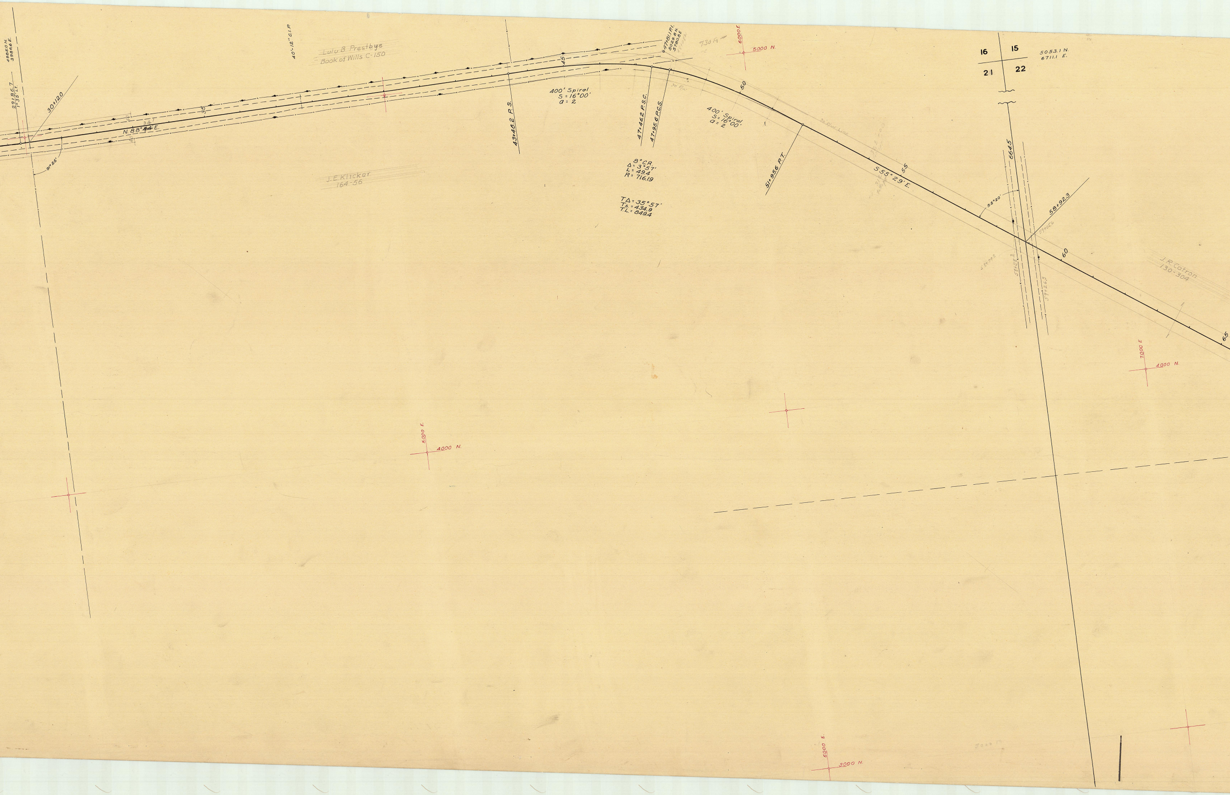
CONSTRUCTED LINE
Stations 75+00 to 232+00
L.R. Chandler - Res. Engr. 1942.

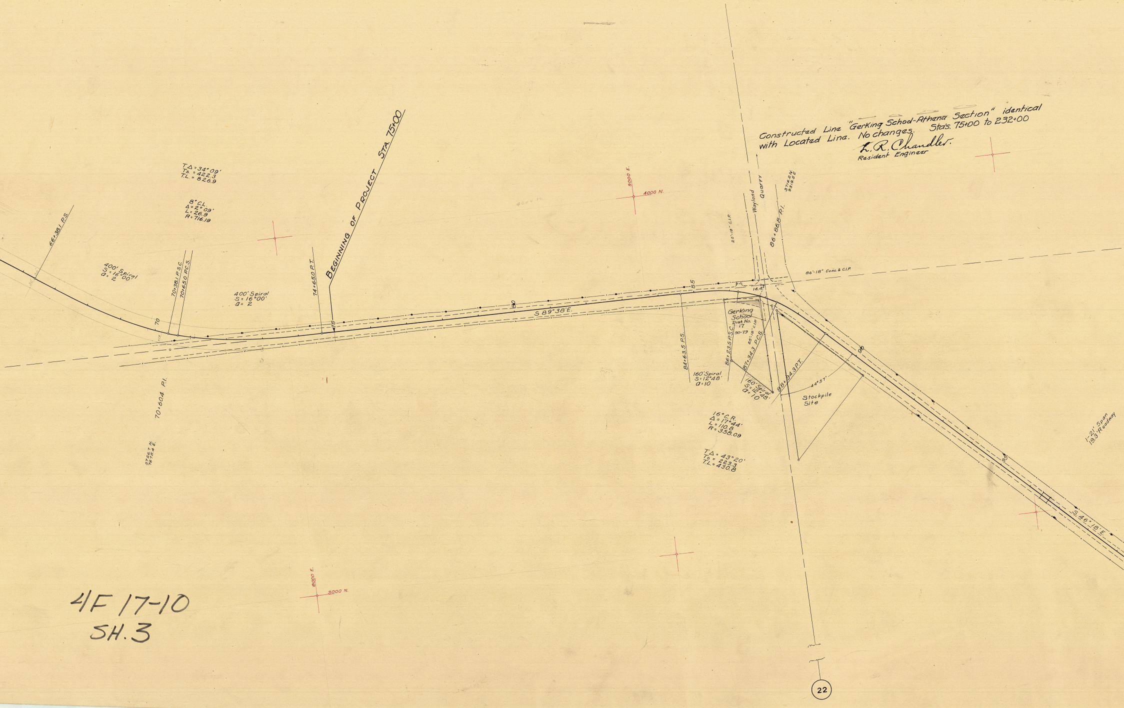
4F 17-10
SH. 1




16
T. 4 N. R. 34 E.
17
20
21
0+00
S 88° 42' E.
5'x 4'x 36" Wood Box
3+55.6
1° 09' Lt.
4991.9 N.
1355.5 E.
90° 51'
To Adams
Note:-
~~Gerking School-Haldman Jct.~~
~~Grid Course N89°47'W~~
~~True " N88°25'30"W~~
~~From U.S. Geodetic Positions~~
Courses on this map used for R/W Descrip.
5
+50
10
+00
15
S 89° 51' E.
20
+50
25
40"-12" C.I.P.
U.S. National Corporation
158-333
J.H. Tillman Co.
155-177
1000 E.
4000 N.
3000 E.
4000 N

4F17-10
SH. 2

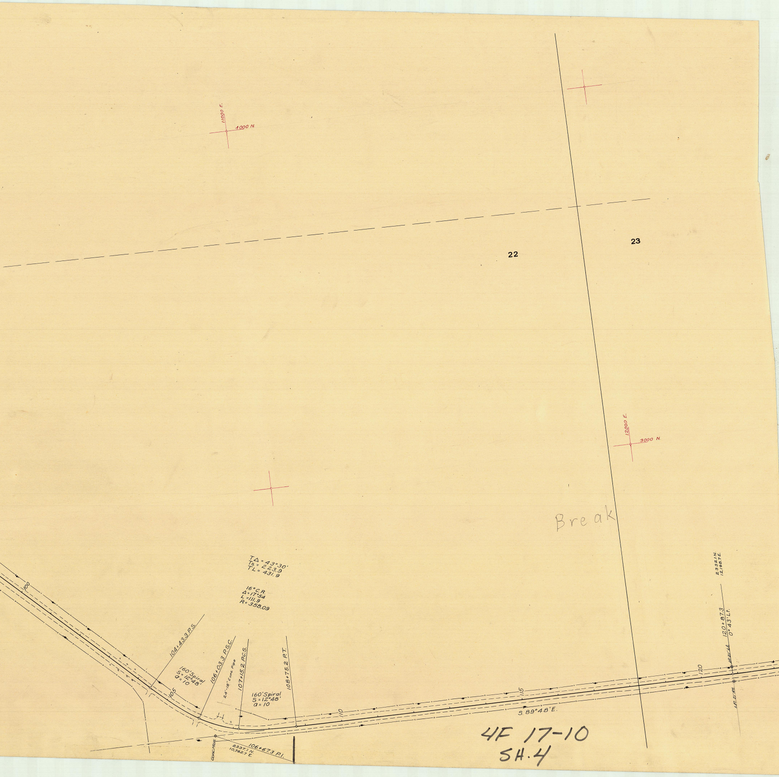

4985.0 N.
3986.6 E.
29+86.7
1°35' Lt.
30+12.0
N. 88°44' E.
91°25'
35
40'-12" C.I.P.
Lulu B. Prestbye
Book of Wills C-150
J. E. Klicker
164-56
45
43+46.2 P.S.
400' Spiral
S = 16°00'
a = 2
47+81.1 P.I.
5029.8 N.
5780.5 E.
730.9
6000 E
5000 N.
47+46.2 P.S.C.
47+95.6 P.C.S.
30' R/W
50
400' Spiral
S = 16°00'
a = 2
8° C.R.
Δ = 3°57'
L = 49.4
R = 716.19
TΔ = 35°57'
Ts. = 434.9
T.L. = 849.4
51+95.6 P.T.
30' R/W Line
55
S 55° 29' E.
16
15
21
22
5053.1 N.
6711.1 E.
664.5
55°20'
58+92.3
59+05.6
57+58.3
59+26.9
60
J. R. Catron
130-304
65
7000 E
4000 N.
5000 E.
4000 N.
6000 E.
3200 N.


T∆ = 34°09'
Ts = 422.3
T.L. = 826.9
8° C.L.
∆ = 2°09'
L = 26.9
R = 716.19
66+38.1 P.S.
400' Spiral
S = 16°00'
a = 2
70
70+38.1 P.S.C.
70+65.0 P.C.S.
400' Spiral
S = 16°00'
a = 2
74+65.0 P.T.
BEGINNING OF PROJECT STA. 75+00
75
70+60.4 P.I.
3726.7 N.
7675.4 E.
80
S 89°38' E.
9000 E.
4000 N.
85
20'-18" C.I.P.
Wayland
Quarry
3716.2 N.
9319.5 E.
86+86.8 P.I.
86'-18" Conc. & C.I.P.
16.4'
Gerking
School
Dist. No. 17
30-73
28'-18" C.I.P.
84+63.5 P.S.
86+23.5 P.S.C.
87+34.3 P.C.S.
88+94.3 P.T.
160' Spiral
S = 12°48'
a = 10
160' Spiral
S = 12°48'
a = 10
44°57'
Stockpile
Site
90
16° C.R.
∆ = 17°44'
L = 110.8
R = 358.09
T∆ = 43°20'
Ts = 223.3
T.L. = 430.8
95
1-21' Span
19.3' Roadway
S 46°18' E.
8000 E.
3000 N.
22

Constructed Line "Gerking School-Athena Section" identical with Located Line. No changes. Stas. 75+00 to 232+00

L. R. Chandler
Resident Engineer

4F 17-10
SH. 3


11000 E.
4000 N.
22
23
12000 E.
3000 N.
Break
TΔ = 43°30'
Ts = 223.9
TL = 431.9
16° C.R.
Δ = 17°54
L = 111.9
R = 358.09
100
104+43.3 P.S.
160' Spiral
S = 12°48'
a = 10
105
106+03.3 P.S.C.
24'-18" Conc Pipe
107+15.2 P.C.S.
160' Spiral
S = 12°48'
a = 10
108+75.2 P.T.
110
115
120
S.89°48'E.
Conc Mon
2337.1 N.
10,762.7 E.
106+67.3 P.I.
2332.1 N.
12,198.7 E.
120+87.3
0° 43' Lt.
I.P. 21' Lt.
I.P. 21' Rt.

4F 17-10
SH. 4