Box No 13

NNR23

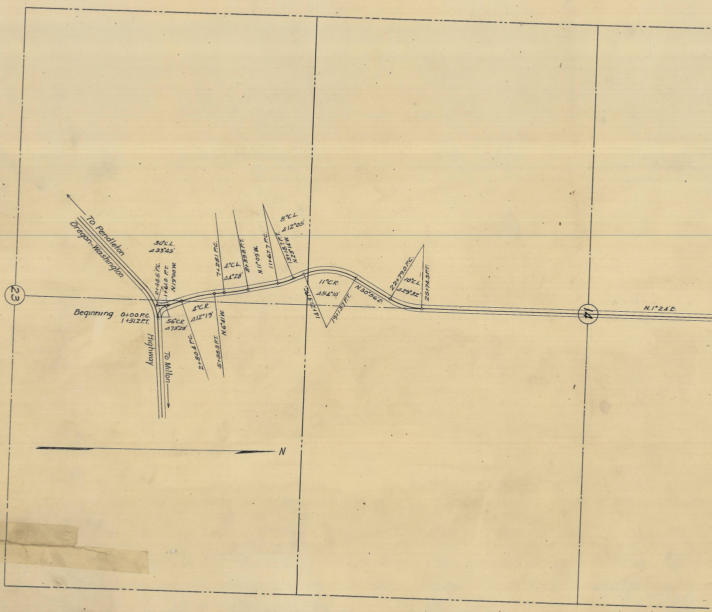
UMATILLA COUNTY

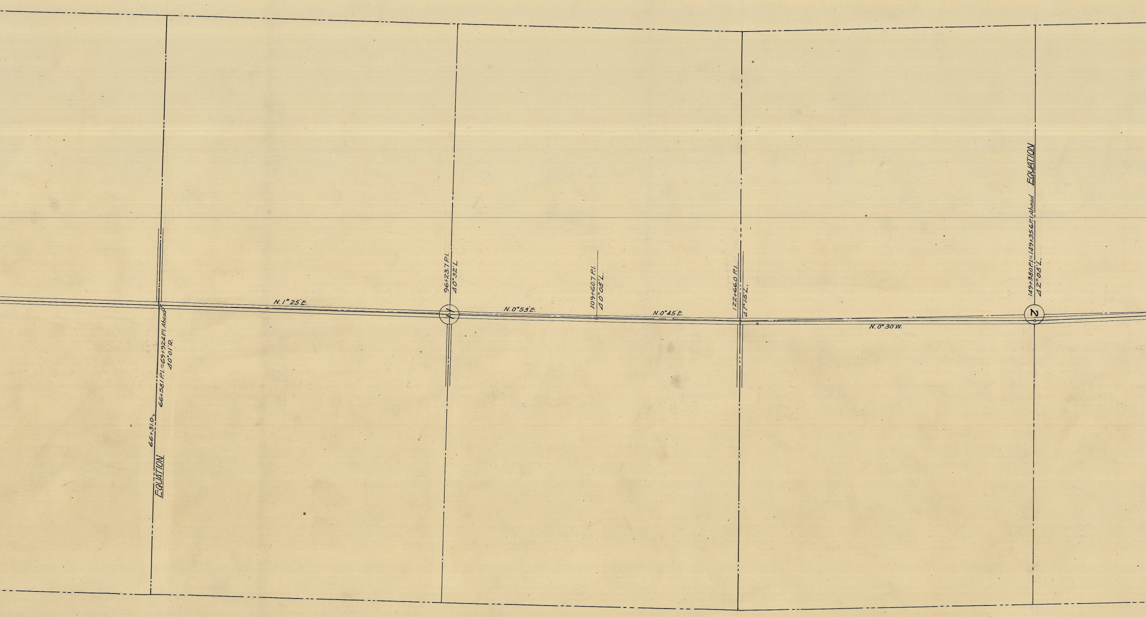
ROADMASTER'S OFFICE

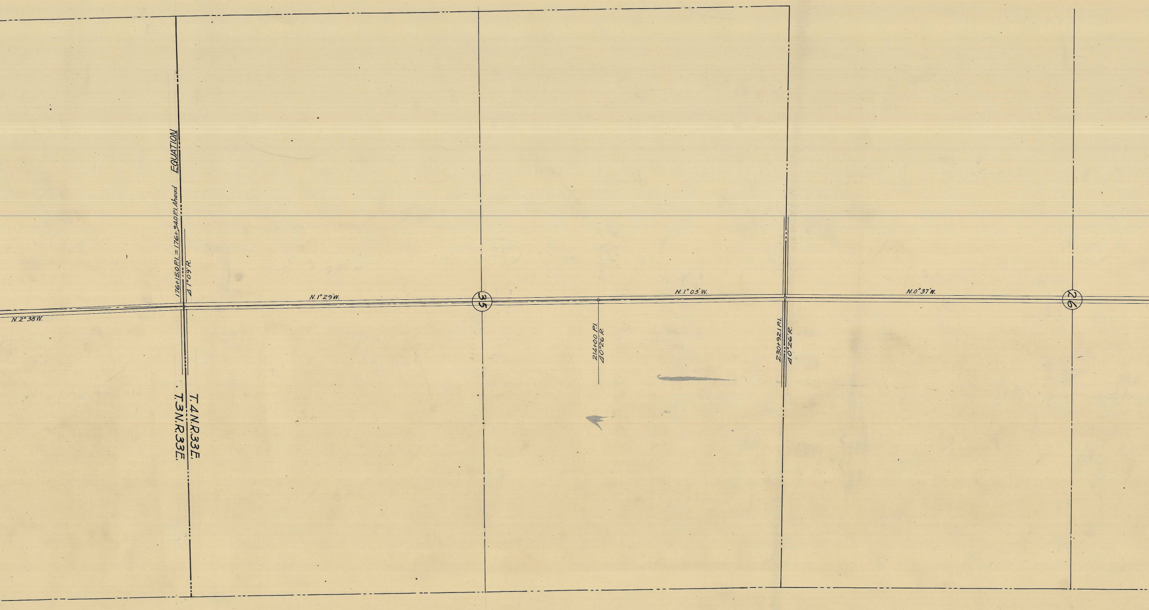
HAVANA-HELIX HIGHWAY

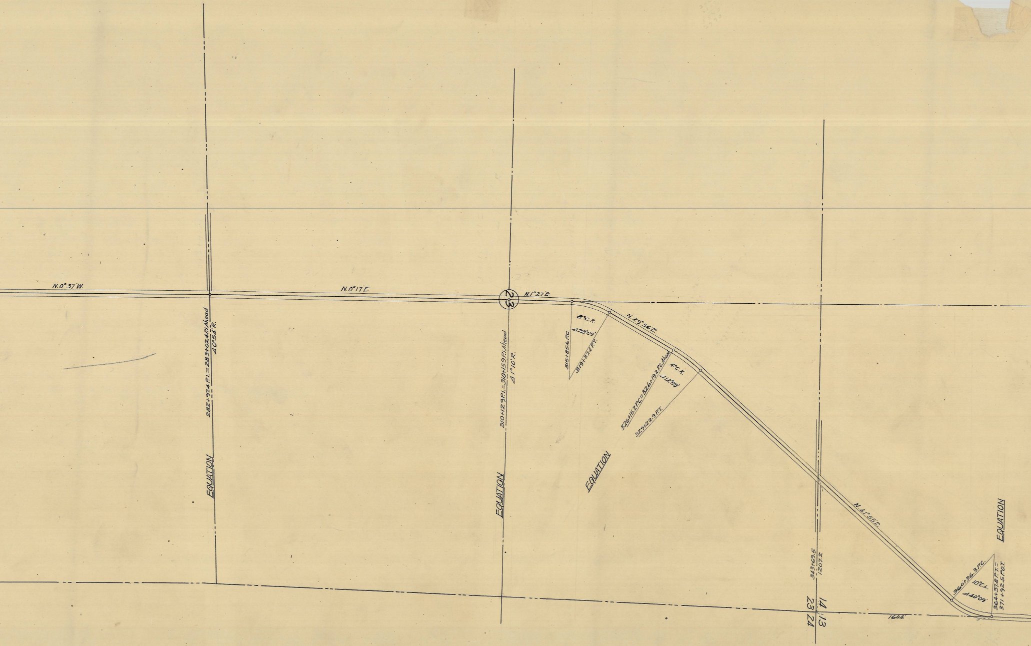
CONSTRUCTED LINE

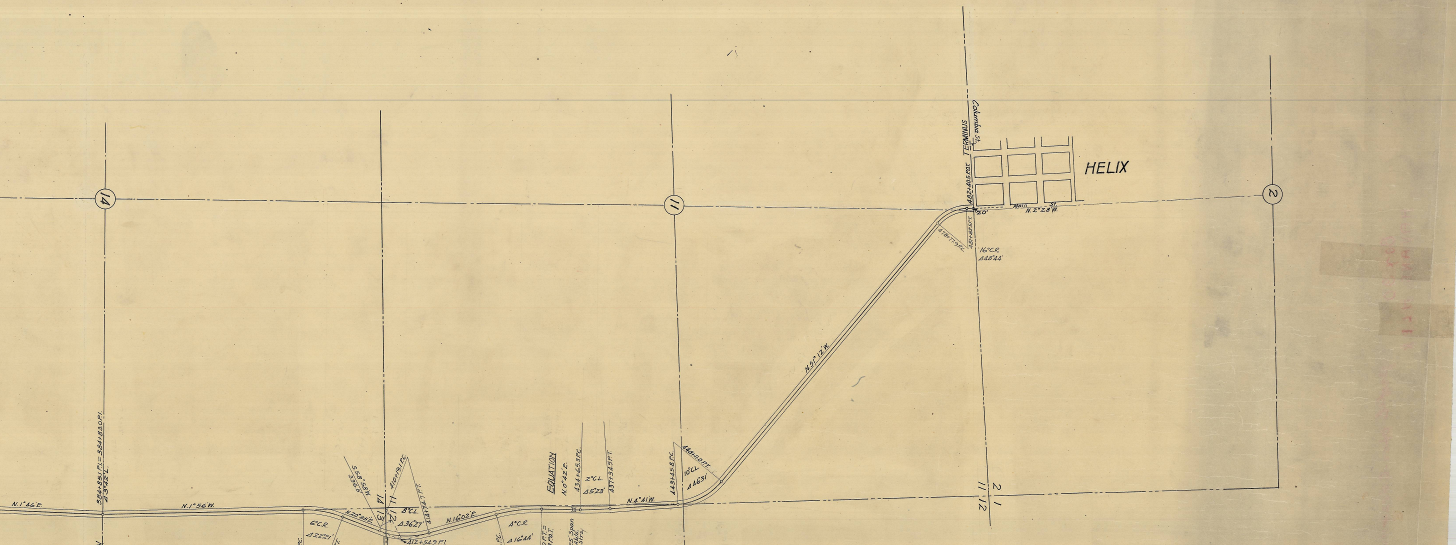
Scale 1" = 400'   Nov. 15, 1923.


To Pendleton
Oregon-Washington
Highway
To Milton
Beginning 0+00 P.C.
1+31.2 P.T.
56°C.R.
Δ73°28'
30°C.L.
Δ33°45'
0+48.5 P.C.
1+61.0 P.T.
N.19°00'W.
4°C.R.
Δ12°19'
2+80.4 P.C.
5+88.3 P.T.
N.6°41'W.
7+28.1 P.C.
4°C.L.
Δ4°28'
8+39.8 P.T.
N.11°09'W.
11+67.7 P.C.
13+18.7 P.T.
N.23°14'W.
8°C.L.
Δ12°05'
14+21.3 P.C.
11°C.R.
Δ54°10'
19+13.7 P.T.
N.30°56'E.
22+79.0 P.C.
10°C.L.
Δ29°32'
25+74.5 P.T.
N.1°24'E.
23
14
N


EQUATION
66+31.0
66+58.1 P.I. = 69+92.4 P.I. Ahead
Δ0°01'R.
N.1°25'E.
96+23.7 P.I.
Δ0°32'L.
1
N.0°53'E.
109+60.7 P.I.
Δ0°08'L.
N.0°45'E.
122+66.0 P.I.
Δ1°15'L.
N.0°30'W.
149+38.0 P.I. = 149+35.6 P.I. Ahead
Δ2°08'L.
EQUATION
2


EQUATION
176+15.0 P.I. = 176+34.0 P.I. Ahead
Δ 1°09' R.
N. 2° 38' W.
N. 1° 29' W.
35
N. 1° 03' W.
214+00 P.I.
Δ 0°26' R.
230+92.1 P.I.
Δ 0°26' R.
N. 0° 37' W.
26
T.4N.R.33E.
T.3N.R.33E.


N.0°37'W.
N.0°17'E.
N.1°27'E.
23
N.29°36'E.
N.41°55'E.
282+97.4 P.I.=283+02.4 P.I. Ahead
Δ0°54'R.
EQUATION
310+12.9 P.I.=310+15.9 P.I. Ahead
Δ1°10'R.
EQUATION
8°C.R.
Δ28°09'
315+85.6 P.C.
319+37.4 P.T.
4°C.R.
Δ12°09'
326+15.2 P.C.=326+19.2 P.C. Ahead
329+22.9 P.T.
EQUATION
343+69.5
1207.2
14
13
23
24
1604'
360+36.3 P.C.
10°C.L.
Δ40°09'
364+37.8 P.T.=
371+92.5 P.O.T.
EQUATION


HELIX
TERMINUS
Columbia St.
482+40.5 P.O.T.
Main St.
N. 2° 28' W.
20'
478+77.9 P.C.
481+82.5 P.T.
16°C.R.
Δ48°44'
N.51° 12' W.
448+11.0 P.T.
443+45.8 P.C.
10°C.L.
Δ46°31'
N.4° 41' W.
437+34.5 P.T.
434+65.3 P.C.
2°C.L.
Δ5°23'
EQUATION
N.0°42' E.
4°C.R.
Δ16°44'
N.16°02' E.
414+74.7 P.T.
410+19.1 P.C.
8°C.L.
Δ36°27'
412+54.9 P.I.
S.58°58' W.
336.5'
N.20°25' E.
6°C.R.
Δ22°21'
N.1°56' W.
384+85.1 P.I. = 384+83.0 P.I.
Δ3°42' L.
N.1°46' E.
14
11
2
14
13
11
12
11
12
2
1