

Retracement of 2nd. Standard Parallel N., Through R. 27 E. 1.

Chains	
39.96	<p>Survey commenced July 13, 1915 and executed with a Young and Sons light mountain transit, No. 8572, with solar attachment. For description and test of instrument see book of survey of T. 15 N., R. 24 E. I know my instrument to be in adjustment from recent observations made on Polaris. July 13: At 8h 6m a.m., l.m.t., I set off 38° 44' on the lat. arc; 21° 57' N. on the decl. arc; and determine a meridian at the standard cor. of T. 11 N., Rs. 26 and 27 E., which is a 3 in. iron post, 12 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General. Thence East, retracing along S. bdy. of sec. 31. Fall 9 lks. N. of the standard $\frac{1}{4}$ sec. cor., which is a granite stone 10x10x10 ins. above ground, firmly set, marked S C $\frac{1}{4}$ on N. face. No accessories to cor. The course and distance of this half mile is S.89°52'E., 39.96 chs.</p>
59.13	<p>From the $\frac{1}{4}$ cor., I continue East. N. of my line 11$\frac{1}{2}$ lks. dist., is the C.C. of secs. 5 and 6, T. 10 N., R. 27 E.</p>
80.44	<p>Fall 23 lks. S. of the S.C. of secs. 31 and 32, which is a trap stone 6x6x12ins. loosely set in small mound of stone, properly marked. The course and dist. of this half mile is N.89° 40'E., 40.48 chs.</p>
40.50	<p>East, retracing along S. bdy. of sec. 32. From cor. Fall 50 lks. N. of the standard $\frac{1}{4}$ sec. cor., which is a trap stone 8x8x14ins. above ground, firmly set in mound of stone, properly marked. The course and distance of this half mile is S.89° 17'E. 40.50 chs.</p>
58.87	<p>From transit station 50 lks. N. of $\frac{1}{4}$ sec. cor., continue East. S. of my line 74 lks. is the closing corner of secs. 4 and 5, T. 10 N., R. 27 E.</p>
80.60	<p>Fall 100 lks. N. of the standard corner of secs. 32 and 33, which is a trap stone 6x9x12ins. firmly set in mound of stone, properly marked. The course and distance of this half mile is S.89°17'E. 40.10 chs.</p>
40.18	<p>East, retracing along S. bdy. of sec. 33. From cor. Fall 15$\frac{1}{2}$ lks. S. of the standard $\frac{1}{4}$ sec. cor., which is a mound of stone, 2 ft. base, 1$\frac{1}{2}$ ft. high, unable to find the marked stone. The course and distance of this half mile is N.89°47'E. 40.18 chs.</p>
58.43	<p>From my station 15$\frac{1}{2}$ lks. S. of cor., continue East. N. of my line 23 lks. dist., is the closing corner of secs. 3 and 4, T. 10 N., R. 27 E.</p>
80.51	<p>Fall 31 lks. S. of the Standard Corner of secs. 33 and 34, which is a trap stone, 6x10x16 ins. loosely set in mound of stone, properly marked. The course and distance of this half mile is N.89° 47'E. 40.33 chs. July 13: At the above cor., I set off 21° 55' N. on the decl. arc; and at apparent noon, observe the sun on the meridian; the resulting latitude is 38° 44'.</p>
40.23	<p>East, retracing along S. bdy. of sec. 34. From cor. Fall 18 lks. S. of the standard $\frac{1}{4}$ sec. cor., which is a granite stone 7x7x16 ins., loosely set in mound of stone, properly marked.</p>