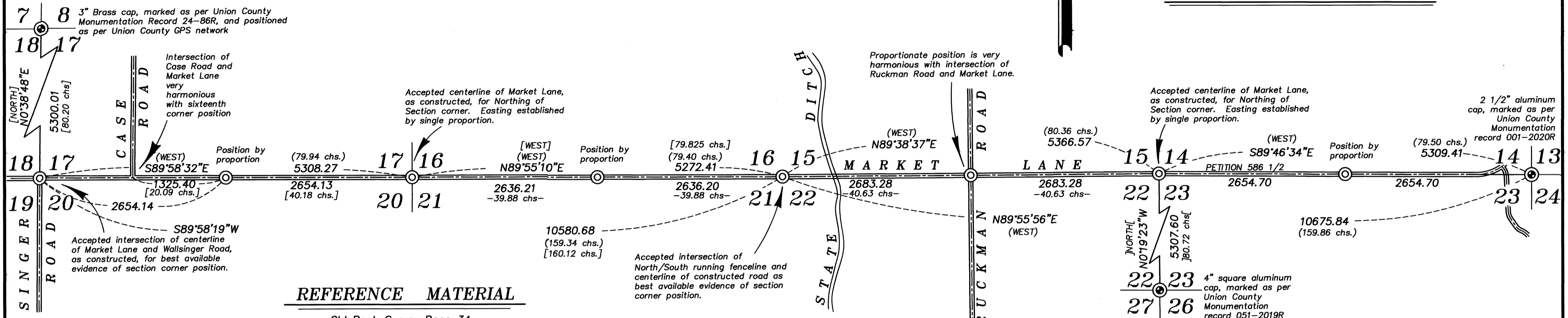


BASIS OF BEARING

Geodetic North taken at the corner of Sections 22, 23, 26 and 27, Township 2 South, Range 39 East of the Willamette Meridian, as determined by GPS observation

SCALE: 1" = 1000'



REFERENCE MATERIAL

- Old Book Survey Page 34
- Old Book Survey Page 135
- Old Book Survey Page 138
- Old Book Survey Page 277
- Road Petition 292
- Road Petition 586 1/2

Field Notes of GLO Contract No. 103, dated September 3, 1863, executed by David P. Thompson

NARRATIVE

This survey was done as a study as the Union County Surveyor. Township 2 South, Range 39 East has historically been lacking in survey monumentation. This survey is the first phase of an ongoing study to densify survey monumentation within this township. Survey work done in this area, apart from the original GLO survey, is mostly by Old Book Surveys, filed between 1888 and 1891, as well as numerous surveys for road petitions, done around the same time period extending into the early 1900's.

Because of the tremendous lack of monumentation in the area, I find it more prudent to examine the remains of physical evidence on the ground and lines of possession to place aliquot corners, rather than defer to the more typical rules of proportioning, as prescribed by the BLM Manual of Instructions. The following describes the methods used.

HISTORY OF SURVEYS

The following represent a history of surveys as they pertain to the areas contained in this survey only. GLO Surveyor David P. Thompson completes the original township break in 1863. The survey for road petition 292, completed March of 1888, surveying a portion of Market Lane and Case Road, commences specifically at the NW corner of Section 20, heads a quarter mile to the East and then Northerly up Case Road. In December of 1888, Old Book Survey Page 135 was filed by Kimbrell where he resurveys the North line of Sections 20 and 21. Old Book Survey 34, filed in 1889 by Kimbrell, subdivides Section 23, and makes a tie between the Northwest and Southwest corners of Section 23. Old Book Survey 277, filed in 1891 by J.L. Curtis, retraces the North line of 21 and 22. In 1905, Arthur Curtis files the survey for Road Petition 586 1/2, completing most of Market Lane where he makes specific calls to the Northwest and Northeast corners of Section 23.

FIELD SURVEY

As the distance between the intersection of Wallsinger Road and Market Lane and the intersection of Case Road and Market Lane are very harmonious with the called distance in road survey for petition 292, I accept the intersection of the centerline of Wallsinger and Market Lane as the best available evidence of the original corner location of the NW corner of Section 20. This fits well with the record distance to the Northwest corner of Section 17 as per Old Book Survey Pg 135. At the Northeast corner of Section 21, I find that an intersection of the North/South running fenceline running North and the centerline of Market Lane fits within 12 feet of the record distance of Old Book Survey Pg 135 to the Northwest corner of Section 20. I therefore accept this as the best evidence of the original corner location of the NE corner of Section 21. I then place the Easting of the NW corner of Section 21 at single proportion position between these two corners, and the Northing at the centerline of Market Lane. Quarter corners are set at proportionate position. Placement as such fits very well with the record distance to the centerline of Case Rd. (W 1/16th corner between Sec 17 and 20).

I employ a similar methodology to place the NE corner of Section 22, using a proportion between the NW corner of Section 22 and the NE corner of Section 23 to place the Easting and placing the Northing at the centerline of Market Lane, as Road Petition 586 1/2 specifically calls to this corner. I find good relativity in distance to the SW corner of Section 23, based on record distance of Old Book Survey 34. Intermediate quarter corners I place at proportionate position, the North quarter corner of Section 22 which is very harmonious with both the centerline of Ruckman Road and the record distances as per Old Book Survey 277.

Record distances, though harmonious with Old Book retracements, are long compared to Thompson's original survey by 30-60 feet per mile. Kimbrell, in Old Book Survey 138, when analyzing a corner in dispute, comes to a similar conclusion that Thompson's work was generally in excess by 57 links per mile.

I find no other unusual conditions with this survey.

LEGEND

- ⊙ Monument as described, marked as per Union County Monumentation Records
- ⊙ Set 5/8" iron pin with 2" brass cap, set in concrete, marked as per Union County Monumentation Records, filed separately
- Centerline
- () Record measurement as per GLO Contract No. 103, dated September 3, 1863, executed by David P. Thompson
-] [Record measurement as per Old Book Survey Page 34
- [] Record measurement as per Old Book Survey Page 135
- - Record measurement as per Old Book Survey Page 277
- { } Record measurement as per survey for Road Petition 586 1/2
- / / Record measurement as per Survey Number 021-2003

REGISTERED PROFESSIONAL LAND SURVEYOR

OREGON JUNE 2, 2010

JEFFREY S. HSU 83571

Renewal Date: June 30, 2021

UNION COUNTY SURVEYOR

Date Received 5/20/21

Date Filed 5/20/21

By [Signature]

File No. 019-2021

BAGETT, GRIFFITH & BLACKMAN

2006 Adams Avenue, LaGrande, Oregon
Map of Survey

Situated in Section 14 - 23, Township 2 South, Range 39 East of the Willamette Meridian

UNION COUNTY, OREGON

SURVEYED FOR	Union County Surveyor
SURVEYED BY	J. S. H.
Scale: 1" = 1000'	Drawn by: J. S. H. Feb-May 2021