

RECORD of SURVEY for

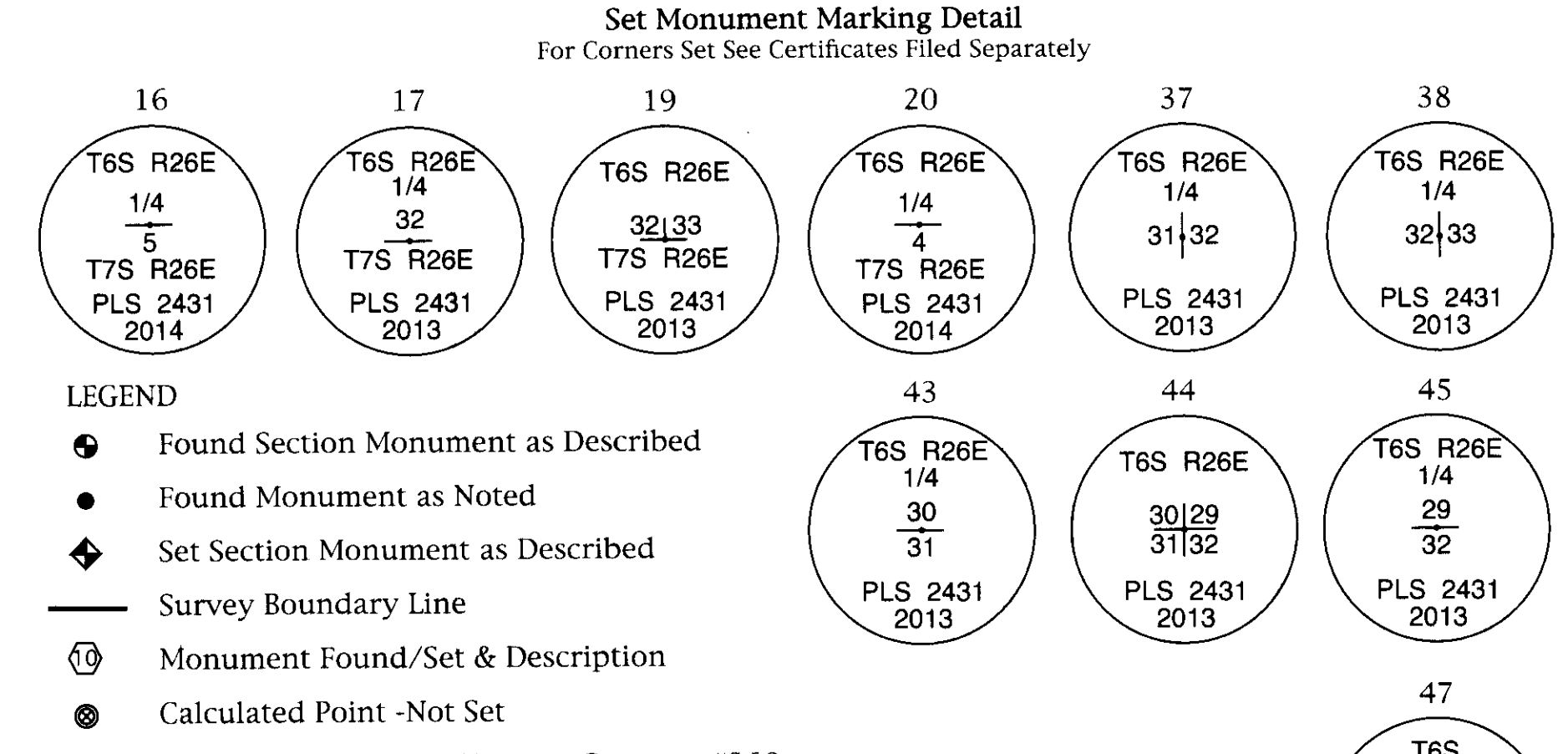
Morrow County Public Works Dept.

Morrow/Grant County OHV Park

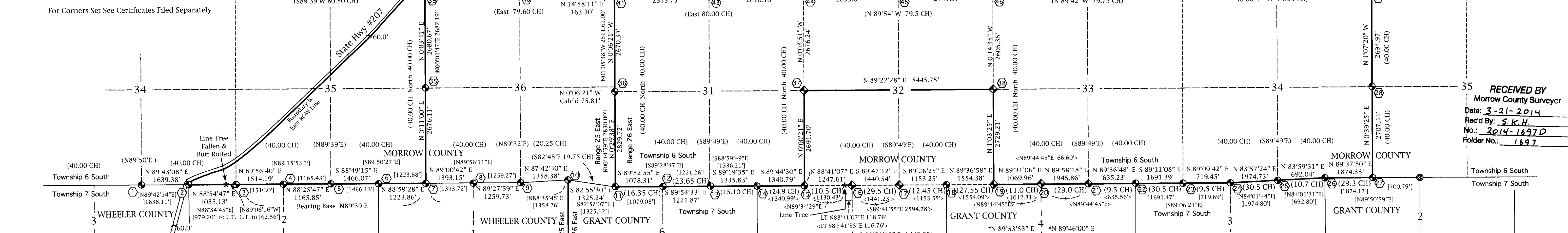
South Morrow County, Oregon
Township 6 South, Range 25 E. & 26 E., Willamette Meridian

SURVEYOR'S NARRATIVE:

This survey was performed for the Morrow County Parks Department to establish the boundaries of their property purchased in 2007 that would become The Morrow County OHV Park. Prior to my completing the survey Grant County was able to acquire property adjacent to this to be included in the boundary of the park, thus becoming the Morrow/Grant County OHV Park. I was the Morrow County Surveyor when I started the survey and have completed it after leaving that office. The project was partially funded by the Oregon Parks & Recreation Department through the proceeds from sales of ATV permits. As a part of the funding for the purchase and development of the Park, a survey was required to ensure that users of the park were aware of the park boundaries and did not leave the park unknowingly and trespass upon an adjacent landowner. The County expected to post and fence their boundary and completed that task within a couple of years of obtaining the property about 2010. Where practical and convenient, the County left small portions of their property outside the fences to avoid extra road crossing and also to appease adjacent landowners. A portion of this survey was also funded by the County Monumentation funds through the County Surveyors office as a good share of the park boundary was also a retracement of the GLO Survey that was completed by E.W. Sanderson in 1881. The property was previously owned by the Kinzua Timber Company and a lot of the evidence of the section lines and corners was posted by Kinzua employees. The Kinzua employees were not licensed surveyors, that I am aware of, and the information that they left in the field was helpful but in most cases not accurate. In some cases the Kinzua information was all that was available for a given corner and I did not monument or show record of any of these corners. In following Sanderson's survey notes I was able to resurrect a lot more GLO survey evidence than I originally found when I started the survey. Now that the survey is complete, I can say that all of the exterior boundaries of the Park that are a GLO section lines or corners that have been monumented by me, were done using Original GLO evidence from Sanderson's 1881 survey or by York's survey of 1880 for the Township to the South. Other portions of the Park Boundaries were completed either prior to or during my survey and are listed in the referenced County Survey Records below. I should note the following where this survey does not agree with previous surveys:
In Wells' survey around the boundary of Section 36, Wells set and marked Corner #36 as the East Quarter of Section 36. Sanderson did not set the East Quarter corner of Section 36, as shown by his records, so the evidence that Wells found was actually the West Quarter of Section 31. Kinzua left evidence of it being the Section 36 Quarter and they also left evidence of the Section 31 Quarter being located to the South but that cannot be the case based on Sanderson's field notes.
In Delano's survey of Sections 4 & 5 of Township 7 South, Range 26 East he set the North Quarter corners for both of those Sections. In Section 4, he identified a Line Tree and used proportion to set the corner. I believe the Line Tree to actually be a Bearing Tree as described by York. I also found evidence that matches the other Bearing Tree and the Line Tree where the geometry of all of that evidence matches York's notes. I set a new monument based on the found evidence. The location of that corner matches the old possession lines as witnesses by the past logging activities and the testimony by the adjacent private landowner.
At the North Quarter of Section 5, I projected the found bearing from the Section corner common to 31 & 32 through a found Line Tree just west of Delano's cap. I found a stone that matched the Dimensions, the Line, and the Distance exactly as described in York's field notes. I found all of those traits too compelling to dismiss it as the actual corner. I therefore set a new cap at that location in very close proximity to the found cap that Delano set by proportion. I also found a mound of stone and a tree scribed with a 1/4 mark in addition to a new Bearing Tree that was documented in U.S.F.S. Corner cards of Weaver in 1981. The mound is 173.5 feet East of my set monument and, by testimony of the adjacent landowner, was previously a fence corner and possession line accepted as the Quarter Corner. Weaver states on the corner card that the mound and fence do not match the original notes by York. I agree with Weaver's assessment and therefore did not hold that as evidence of the location of the Original Corner set by York.
Portions of the Park Boundary that are not a GLO line are the State Highway No. 207 to the west and the County and Forest Roads on the north. I also found and monumented some interior lines when I found very good evidence of the original survey corners by Sanderson. This original evidence is currently over 130 years old and I thought it important to perpetuate as much of it as possible into the future. This survey, along with the associated monumentation sheets for each corner that I set, depict the evidence found and the justification for the location of the reestablished corners. This survey was performed with a Trimble 4800/5800 RTK GPS Total Station with a minimum of 0.04' resolution achieved at each receiver location prior to recording along with a Nikon 530 Total Station where GPS receivers were not practical. The Basis of Bearing was the opposite south corners of Section 35 as shown.
This survey was completed according to the BLM Manual of Surveying Instructions 2009. For the Corners Set in this survey, Caps marked 2013 set in August 2013, Caps marked 2014 set in March 2014, see Corner Certificates filed separately. Final completion and filing of survey, March of 2014.

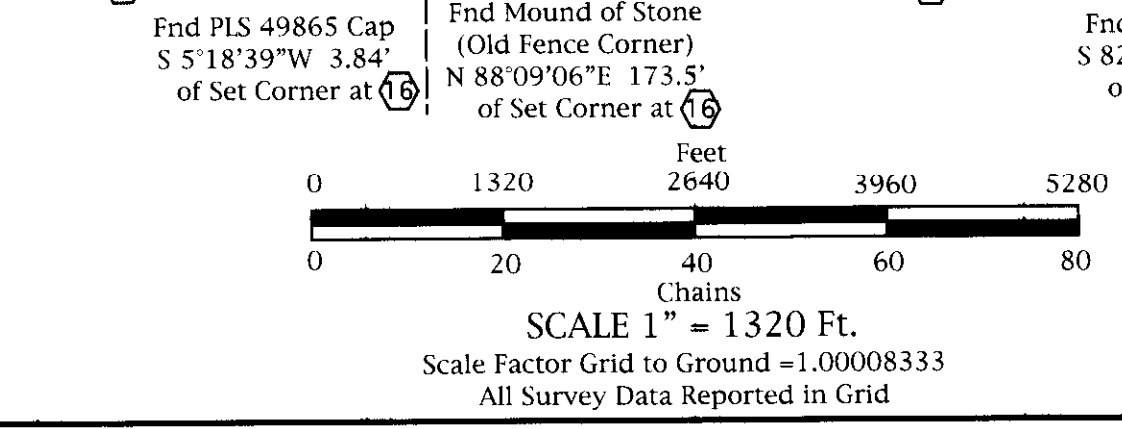


- | Monument No. | Monument Description |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | 3 1/4" Alum. Cap, South Quarter Corner, Sec. 34, 6S 25E, PLS 1832, 1984, C.S.#C-846-K |
| 2 | 3 1/4" Alum. Cap, Section Corner, Sec. 3-2, 7S 25E, PLS 1832, 1984, C.S.#C-846-K |
| 3 | 2 5/8" Brass Cap, Section Corner, Sec. 34-35, 6S 25E, PLS 1679, 1980, C.S.#C-434-K |
| 4 | 2 5/8" Brass Cap, North Quarter Corner, Sec. 2, 7S 25E, PLS 1679, 1981, C.S.#C-434-K |
| 5 | 2 5/8" Brass Cap, South Quarter Corner, Sec. 35, 6S 25E, PLS 1679, 1980, C.S.#C-434-K |
| 6 | 2 5/8" Brass Cap, Section Corner, Sec. 1-2, 7S 25E, PLS 1679, 1981, C.S.#C-434-K |
| 7 | 2 5/8" Brass Cap, Section Corner, Sec. 35-36, 6S 25E, PLS 1679, 1981, C.S.#C-434-K |
| 8 | 2 5/8" Brass Cap, North Quarter Corner, Sec. 1, 7S 25E, PLS 1679, 1981, C.S.#C-434-K |
| 9 | 2 5/8" Brass Cap, South Quarter Corner, Sec. 36, 6S 25E, PLS 1679, 1981, C.S.#C-434-K |
| 10 | 2 5/8" Brass Cap, Section Corner, Sec. 1-6, 7S 25-26E, PLS 346, 1979, ROS T7S, R26E, Sec's 8 & 9 |
| 11 | 2 5/8" Brass Cap, Section Corner, Sec. 36-31, 6S 25E-26E, PLS 1679, 1981, C.S.#C-435-K |
| 12 | 2 5/8" Brass Cap, North Quarter Corner, Sec. 6, 7S 26E, PLS 1679, 1981, C.S.#C-435-K |
| 13 | 2 5/8" Brass Cap, South Quarter Corner, Sec. 31, 6S 26E, PLS 1679, 1980, C.S.#C-435-K |
| 14 | 2 5/8" Brass Cap, Section Corner, Sec. 5-6, 7S 26E, PLS 1679, 1980, C.S.#C-435-K |
| 15 | 2 5/8" Brass Cap, Section Corner, Sec. 31-32, 6S 26E, PLS 1679, 1980, C.S.#C-435-K |
| 16 | 3 1/4" Alum. Cap, North Quarter Corner, Sec. 5, 7S 26E, PLS 49865, 2008, C.S.#2013-1687D
(Set New Cap Based on Found Original Evidence for Location of Section Corner) |
| 17 | South Quarter Corner, Sec. 32, 6S 26E, Found 2 Original BT's, Set Cap @ Record GLO Distances from BT's |
| 18 | 3 1/4" Alum. Cap, Section Corner, Sec. 4-5, 7S 26E, PLS 49865, 2008, C.S.#2013-1687D |
| 19 | Section Corner, Sec. 32-33, 6S 26E, Found 2 Original BT's, Set Cap @ Record GLO Distances from BT's |
| 20 | 3 1/4" Alum. Cap, North Quarter Corner, Sec. 4, 7S 26E, PLS 49865, 2008, C.S.#2013-1687D
(Set New Cap Based on Found Original Evidence for Location of Section Corner) |
| 21 | 2 5/8" Brass Cap, South Quarter Corner, Sec. 33, 6S 26E, PLS 346, 1979, ROS T7S, R26E, Sec's 8 & 9 |
| 22 | 2 5/8" Brass Cap, Section Corner, Sec. 4-3, 7S 26E, PLS 346, 1979, ROS T7S, R26E, Sec's 8 & 9 |
| 23 | 2 5/8" Brass Cap, Section Corner, Sec. 33-34, 6S 26E, PLS 346, 1979, ROS T7S, R26E, Sec's 8 & 9 |
| 24 | 3 1/4" Alum. Cap, North Quarter Corner, Sec. 3, 7S 26E, PLS 1832, 1985, C.S.#C-688-K |
| 25 | 3 1/4" Alum. Cap, South Quarter Corner, Sec. 34, 6S 26E, PLS 1832, 1985, C.S.#C-688-K |
| 26 | 3 1/4" Alum. Cap, Section Corner, Sec. 3-2, 7S 26E, PLS 1832, 1985, C.S.#C-688-K |
| 27 | 3" Brass Cap, Section Corner, Sec. 34-35, 6S 26E, PLS 1106, 1979, C.S.#C-253-K |
| 28 | 3" Brass Cap, Quarter Corner, Sec. 34-35, 6S 26E, PLS 1106, 1979, C.S.#C-253-K |
| 29 | 3" Brass Cap, Section Corner, Sec. 26-27-34-35, 6S 26E, PLS 1106, 1979, C.S.#C-253-K |
| 30 | 3" Brass Cap, Quarter Corner, Sec. 26-27, 6S 26E, PLS 1106, 1979, C.S.#C-253-K |
| 31 | 3" Brass Cap, Section Corner, Sec. 22-23-26-27, 6S 26E, PLS 1106, 1979, C.S.#C-253-K |
| 32 | 3" Brass Cap, Quarter Corner, Sec. 23-26, 6S 26E, PLS 1106, 1979, C.S.#C-253-K |
| 33 | 2 5/8" Brass Cap, Quarter Corner, Sec. 14-23, 6S 26E, PLS 933, 1983 |
| 34 | Section Corner, Sec. 14-15-22-23, 6S 26E, Found 1 Bearing Tree Calc'd Corner by Bearing & Distace from BT |
| 35 | 2 1/2" Brass Cap, West Quarter Corner, Sec. 36, 6S 25E, PLS 54657, 2011, C.S.#C-1616-C |
| 36 | 2 1/2" Brass Cap, East Quarter Corner, Sec. 36, 6S 25E, PLS 54657, 2011, C.S.#C-1616-C
(Brass Cap Marked as East Quarter Corner of Section 36 by Wells, Actually West Quarter Corner of Section 31) |
| 37 | Quarter Corner, Sec. 31-32, 6S 26E, Found 1 Original BT & Stone, Set 2 1/2" Brass Cap in Stone |
| 38 | Quarter Corner, Sec. 32-33, 6S 26E, Found 1 Original BT & Stone, Set 2 1/2" Brass Cap on I.P. |
| 39 | 2" Alum. Cap on 5/8 Rebar, Section Corner, Sec. 24-25-35-36, 6S 25E, PLS 54657, 2011 |
| 40 | 2" Alum. Cap on 5/8 Rebar, Quarter Corner, Sec. 25-36, 6S 25E, PLS 54657, 2011 |



- | Monument No. | Monument Description |
|--------------|----------------------------------------------------------------------------------------------------------------|
| 41 | Found Magnetic PK Nail in Lead, West Section Corner, Sec. 30-31, 6S 26E, PLS 54657, 2011, C.S.#C-1616-C |
| 42 | Found Magnetic PK Nail in Lead, East Section Corner, Sec. 25-36, 6S 25E, PLS 54657, 2011, C.S.#C-1616-C |
| 43 | Found 2 New BT's & Original Mound of Stone, Quarter Corner, Sec. 30-31, 6S 26E, Set 2 1/2" Brass Cap on I.P. |
| 44 | Section Corner, Sec. 29, 30, 31, & 32, 6S 26E, Found 1 Original BT & Stone Mound, Set 2 1/2" Brass Cap on I.P. |
| 45 | Quarter Corner, Sec. 29-32, 6S 26E, Found 2 Original BT's & Stone, Set 2 1/2" Brass Cap on I.P. |
| 46 | Section Corner, Sec. 28, 29, 32, & 33, 6S 26E, Found Stone Mound |
| 47 | West Quarter Corner, Sec. 30, 6S 25E, Found 1 Original BT, Stone in Stone Mound, Set 2 1/2" Brass Cap on I.P. |
| 48 | 2 5/8" Brass Cap, West Quarter Corner, Sec. 18, 6S 26E, PLS 598, 1980, C.S.#D-393-K |

Record of Surveys References:
Sanderson, 1881 GLO Survey of Township 6S 25E & 6S 26E, Contract #368
Wells for U.S. Forest Service, M.C.S. #C-253-K
Bageot for Kinzua Corporation, M.C.S. #D-393-K
Weaver for U.S. Forest Service, M.C.S. #C-434-K & #C-435-K
Munro for U.S. Forest Service, M.C.S. #C-688-K & #D-846-K
Harris for U.S. Forest Service, Record of Survey for T7S, R26E, Sec's 8 & 9
Wells for Palmer, M.C.S. #C-1616-C
Delano for Morrow/Grant County, M.C.S. #2013-1687D



RECEIVED BY
Morrow County Surveyor
Date: 3-21-2014
Rec'd By: S.K.H.
No.: 2014-1697D
Folder No.: 1697

SCALE 1" = 1320 Ft.
March, 2007

REGISTERED PROFESSIONAL LAND SURVEYOR
RONALD V. MCKINNIS
JAN. 23, 1980
2431
Expires 12-31-14

ENGINEERING - LAND SURVEYING - WATER RIGHTS
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