

RIGHT OF WAY SURVEY SITUATED ALONG THE SECTION LINES OF SECTIONS 15 & 22, 14 & 23 AND 13 & 24, T.4N., R.24E., W.M. AND ALONG THE SECTION LINES OF SECTIONS 18 & 19, 17 & 20 AND 16 & 21, T.4N., R.25E., W.M., MORROW COUNTY RD. #598, KUNZE ROAD MORROW COUNTY, OREGON

NARRATIVE

This survey was performed at the request of Morrow County to locate a portion of the existing and proposed new Right of Way of Morrow County Road #598, known as Kunze Road. This Right of Way survey is from the intersection of Tower Road and Kunze Road, approximately 535 ft. east of the 1/4 between Sections 15 and 22, T.4N., R.24E., W.M., to the intersection of Kunze Road and South Main Street, approximately 1310 ft. east of the corner to Sections 16, 17, 20 and 21, T.4N., R.25E., W.M.

County Road #598 was originally described in Commissioners Journal F, Page 66, dated December 6, 1917, which reads in part: "Commencing at the corner of sections 14, 15, 22 and 23, Tp. 4 N., R. 24 E., W.M., then east on section line five and one half miles to the 1/4 corner between sections 15 and 22, Tp. 4 N., R. 25 E., W.M." Said road to be forty feet wide. Commissioner's Journal F, Page 78, dated January 17, 1918, adopts the viewers report and orders said road(Kunze) open.

The Right of Way for that portion of Kunze Road lying west of the corner to Sections 14,15,22 and 23 is dedicated on Morrow County Map of Survey No. C-1373-M in 2003, being 60 ft. in width, 20 ft. on the north and 40 ft. on the south side of the south line of Section 15.

The initial control and coordinate datum for this survey was provided by Ron McKinnis of the Port of Morrow from a survey control network he established in and around the City of Boardman.

SECTION CORNER 15, 16, 21 & 22, T.4N., R.24E.

At this location we find a Brass Cap Monument set by Timberland and McCullough in 1983 from the original GLO stone, as shown on Map of Survey C-644-K. We also find a 1" Iron Pipe with a Army Corp of Engineers Brass Washer, bearing N84°32'18"E, 78.82 ft. from the said Brass Cap. These monuments are tied in order to evaluate the positions of other monuments to the east. We accept the Brass Cap monument set by Timberland and McCullough as the best available evidence of this corner.

1/4 CORNER 15 & 22, T.4N., R.24E.

We find a Brass Cap set by set by Timberland and McCullough in 1983 at proportionate measure as shown on Map of Survey C-644-K. This monument is accepted and utilized during this survey.

NARRATIVE(Cont.)

SECTION CORNER 14, 15, 22 & 23, T.4N., R.24E.

In 1961, Verl Fraley (Map C-198-K) finds a RR spike at this corner and replaces it with an Iron Pipe. Fraley also sets a 1/2" Iron Rod at the S1/4 and the SE corner of Section 14 during his survey, which will be discussed below.

In 1965, Leland Ascher (Map B-71-K) does not find Fraley's monument at the SW cor. Sec. 14. He re-monuments the corner with a 2" Iron Pipe as shown on his plat. Ascher finds a rotten post at the SW S26 and a Govt. Brass cap at SW S35. He also proportions and sets Iron Pipes at the following corners: W1/4 S23, SW S23, W1/4 S26. These corners are not utilized this survey, but are relevant to subsequent surveys noted below. We did not recover Ascher's monument at the SW cor. of Sec. 14.

In 1978, James Buisman(Krumbein Eng., Map C-148-K), claims Ascher's SW cor. S14 set in error and re-proportions it based on the pipe at the SW cor.26(set by Ascher), the 1/2" Iron Rod at the S1/4, S14(Fraley), the Corp. of Engineer's Pipe w/washer at the SW S15 and a 1/2" Iron Pin at the W1/4 S14. This Buisman monument was not recover this survey, but it was used to subdivide the SW 1/4 of S14 on his map. He set a RR spike at the W1/16, S14-S23.

In 1982, Bill Wells(Wallules & Associates, Map C-489-K) re-proportions the SW cor. S14 from the 1/2" Iron Rod at the S1/4 S14(Fraley's), the Corp. of Engineer's Pipe w/washer at the SW S15, a 1/2" Iron Pin at the W1/4 S14, and a 4" Iron Pipe at the SW cor. S23(I believe this was set by Ascher in 1965). Wells then subdivides Section 23 based on his proportioned SW cor. S14. We did not recover the brass cap set by Wells in 1982.

In 1983, Timberland and McCullough performed a survey for the Corps of Engineers, in Section 15, T.4N., R.24E. They recover the original GLO stone at the SW cor. S15, the 1/2" Iron Rod at the S1/4 S14(Fraley), the 1/2" Iron Rod at the E1/4 S15 and show a tie to the 3" iron pipe at the SW S26(Ascher). They did not recover the Ascher, Buisman or Wells monument at the SW cor. S14. They re-positioned the corner based on Fraley's position and show a tie to a pin set by Wells.

During this survey, I find that both the Buisman and Wells positions for the SW corner of Section 14 fall just south of the existing north ROW fence on Kunze Road and also about 80' east of a N&E fence corner in the existing north row fence. I believe that the Railroad spike found by Verl Fraley in 1961 was a perpetuation of the original GLO corner. This is further justified by the Timberland McCullough Brass cap, that falls in the centerline of the existing road and fits well with above mentioned fence corner. I therefore accept the brass cap set by Timberland McCullough in 1983 as the best position for the SW corner of Section 14.

1/4 CORNER 15 & 22, T.4N., R.24E.

We find a 1/2" Iron Rod as set by Verl Fraley in 1961(Map C-198-K). We accept this monument as the best available evidence for this corner location.

SECTION CORNER 13, 14, 23 & 24, T.4N., R.24E.

We find a Brass Cap monument set by David Krumbein (Map C-527-K) in place of a 5/8" iron pin set by Verl Fraley (Map C-198-K). We accept this monument as the best available evidence for the location of this corner.

1/4 CORNER 13 & 24, T.4N., R.24E.

We find a 5/8" rebar with 2" aluminum cap, no marks. Dennis Edwards indicates that he set this pin in 1993 as shown on Map C-1230-E. We accept this monument as the best available evidence for the location of this corner.

NARRATIVE(Cont.)

SECTION CORNER 13 & 24, T.4N., R.24E., 18 & 19, T.4N., R.25E.

We find a Brass Cap monument set by Dennis Edwards in place of a 5/8" iron rebar in 1993, as indicated on Map C-1230-E. The pin recovered by Edwards has been used in several surveys, including a dependent resurvey by the BLM in 1975. We accept this monument as the best available evidence for the location of this corner.

1/4 CORNER 18 & 19, T.4N., R.25E.

We find a Railroad spike, set at proportionate measure, by Frank Tuers during a 1975 Bureau of Land Management Dependent Resurvey under Specials Instructions dated April 11, 1975, Group No. 864. Tuers reset this corner base on found, previously accepted evidence at the section corners 1/2 mile east and west. We also find an aluminum capped monument set by Dennis Edwards in 2002(Map C-1355-M), S84°39'04"W, 16.17 ft. from the said Tuers RR spike. We do not agree with Mr. Edwards' rational with regard to this corner position as stated in his narrative on map C-1355-M. In reviewing Mr. Tuers field notes, I find him to be very conscience of the locations of found monuments and testimony of local residence. We therefore accept the RR spike as set by Tuers as the best available evidence for the location of this corner.

SECTION CORNER 17, 18, 19 & 20, T.4N., R.25E.

We find a Railroad spike set by Frank Tuers(BLM) in place of a 1/4" dia. metal screw he recovered in 1975. We also find several other monuments in the vicinity of this corner as shown herein. We find that Skoubo Road, as described in Journal F, page 68 of the Morrow County Commissioner's Journals, to be running along the Section line between Sections 17 & 18. We find that Tuers spike conforms with the location of the east fence line of Skoubo Road. Again, we do not agree with Mr. Edwards' rational in utilizing a ditch line for the east line of section 18 as stated in his narrative on Map C-1355-M. This railroad spike has also been utilized in numerous surveys. We therefore accept this railroad spike as set by Tuers as the best available evidence for the location of this corner.

1/4 CORNER 17 & 20, T.4N., R.25E.

We find a Railroad spike set by Tuers(BLM) at the midpoint of the section line. We accept this railroad spike as set by Tuers as the best available evidence for the location of this corner.

SECTION CORNER 17, 18, 19 & 20, T.4N., R.25E.

We find a 5/8" Iron Pin utilized by numerous surveyors. We accept this pin as the best available evidence for the location of this corner.

SECTION CORNER 15, 16, 21 & 22, T.4N., R.25E.

We find a 5/8" Iron Rod set in the location of the original GLO stone. We accept this rod as the best available evidence for the location of this corner.

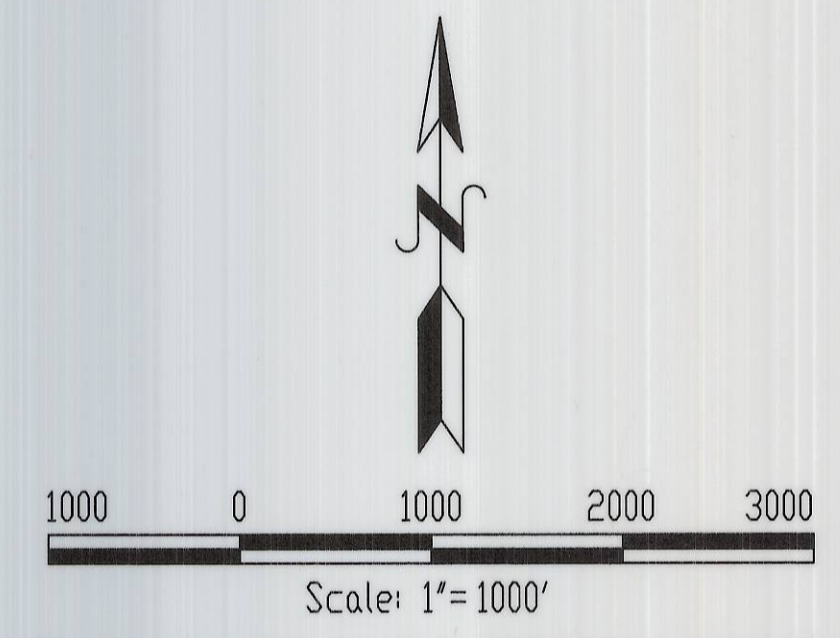
SUMMATION

The intent of this survey is to locate the existing Right of Way for Kunze Road and to locate the right of way purchased for future improvements. It is not intended to undermine previous record surveys. However, based on the above descriptions of the evidence found during this survey, we locate the existing and newly acquired Right of Way as shown herein.

Construction of the roadway improvements was completed in July of 2008. Right of Way and post construction monumentation was completed in March, 2009.

SHEET INDEX

- SHEET 1 - COVER & INDEX
SHEET 2 - R/W BETWEEN SECTIONS 15 & 22, T.4N. R.24E.
SHEET 3 - R/W BETWEEN SECTIONS 14 & 23, T.4N. R.24E.
SHEET 4 - R/W BETWEEN SECTIONS 13 & 24, T.4N. R.24E.
SHEET 5 - R/W BETWEEN SECTIONS 18 & 19, T.4N. R.25E.
SHEET 6 - R/W BETWEEN SECTIONS 17 & 20, T.4N. R.25E.
SHEET 7 - R/W BETWEEN SECTIONS 16 & 21, T.4N. R.25E.



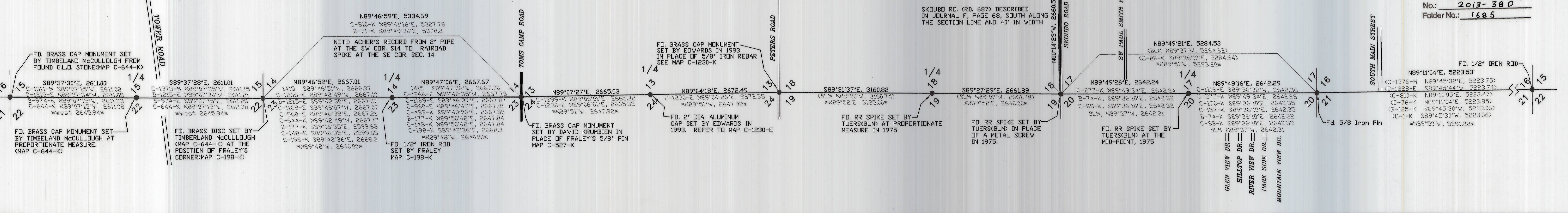
Scale: 1"=1000' BASIS OF BEARING: CONTROL NETWORK PROVIDED BY RON MCKINNIS, PORT OF MORROW. SEE NARRATIVE

RECORD MAP INDEX T4N, R24E

- Thompson, Pengra & David, G.L.O. Contract No. 131 Dated June 8, 1869
Thompson Engineering Corp. (Verl Fraley), drawing dated 5/10/61, filed 3/10/81
Hayes and Harris (Leland Ascher), no filing date, drawing dated 3/16/65
Dwens and Associates (James Dwens), no filing date, drawing dated 12/2/69
McConnell Land Surveying (Donald McConnell), Filed 2/16/77
Krumbein Engineering Co. (James Buisman), no filing date, drawing date 1/12/78
Krumbein Engineering Co. (David Krumbein), filing 1/28/79
Wallules & Associates (Bill Wells), filed 1/19/1982
Krumbein Engineering Co. (David Krumbein), filing 6/24/82
Krumbein Engineering Co. (David Krumbein), no filing date, drawing date 10/5/1982
Timberland & McCullough (stamped James Griffiths & Kenneth Wightman), filed 11/30/83
Pool Engineering (Donald Cunningham), Filed 5/16/86
Partition 1993-2, Edwards Surveying (Dennis Edwards), filed 4/21/93
Edwards Surveying (Dennis Edwards), filed 10/93
Edwards Surveying (Dennis Edwards), filed 4/10/98
Tomkins Land Surveying Inc. (Paul Tomkins), filed 5/99
Edwards Surveying (Dennis Edwards), filed 8/99
Edwards Surveying (Dennis Edwards), filed 6/2000
Rogers Surveying Inc. (John Basman), filed 6/30/01
Partition Plat 2003-4, R.V. McKinnis Engineering (Ronald McKinnis), filed 3/30/03
Prim Land Surveying, LLC (Brit Prim), filed 3/04/04
Edwards Surveying (Dennis Edwards), filed 2/7/05
1415

RECORD MAP INDEX T4N, R25E

- Thompson, Pengra & David, G.L.O. Contract No. 131 Dated June 8, 1869
Wayne Harris & Associates(Leland Ascher) no filing date, drawing date 1/26/66
Wayne Harris Co. Inc.(David Krumbein) no filing date, drawing date 8/11/75
Frank Tuers, BLM Dependent Reserved, dated 9/12/75
Krumbein Engineering Co. (David Krumbein) no filing date, drawing date 1/14/76
Krumbein Engineering Co. (David Krumbein) filed 3/20/76
Krumbein Engineering Co. (David Krumbein) no filing date, drawing date 7/14/76
Krumbein Engineering Co. (David Krumbein) no filing date, drawing date 11/26/76
Baggett, Griffith & Associates (Duane Griffith) no filing date, drawing date 1/77
Krumbein Engineering Co. (David Krumbein) filed 6/29/77
Anderson, Perry & Associates (Stephen Anderson), no filing date, drawing date 7/77
Krumbein Engineering Co. (James Buisman), no filing date, drawing date 11/11/77
Krumbein Engineering Co. (James Buisman), no filing date, drawing date 3/11/77
Krumbein Engineering Co. (James Buisman), no filing date, drawing date 8/31/78
Krumbein Engineering Co., no filing date, drawing date 11/21/78
CH2M Hill Inc. (Kenneth Vengler), filed 4/10/79
CH2M Hill Inc. (Kenneth Vengler), filed 4/10/79
Krumbein Engineering Co. (David Krumbein) filed 4/25/80
R & M Surveyors (Earl Ming) filed 9/21/83
R & M Surveyors (Earl Ming) filed 5/30/84
B-806-K Pool Engineering (Donald Cunningham), filed 5/16/86
B-855-K R & M Surveyors (Earl Ming) filed 3/87
C-857-K R & M Surveyors (Earl Ming) filed 3/87
B-849-K R & M Surveyors (Earl Ming) filed 3/87
C-868-K R & M Surveyors (Earl Ming) filed 4/88
C-954-E R.V. McKinnis Engineering(Ron McKinnis) filed 10/93
C-967-E Edwards Surveying (Dennis Edwards), filed 10/93
C-1059-E Id. engineering (Ivan Driver), filed 9/13/95
C-1073-E William Wells, filed 2/1/96
C-1090-E Wayne Harris, filed 6/3/96
Stratton Surveying & Mapping (Robert Stratton), filed 1/7/97
C-1116-E Ivan Driver, filed 10/14/97
C-1128-E Rogers Surveying (Gary Wagner), filed 7/9/99
C-1239-E Rogers Surveying (Gary Wagner), filed 10/27/99
C-1292-M Edwards Surveying (Dennis Edwards), filed 1/31/01
C-1319-M Coppock Surveying (Judson Coppock), filed 9/01/01
C-1355-M Edwards Surveying (Dennis Edwards), filed 11/20/02
C-1375-M Coppock Surveying (Judson Coppock), filed 5/02/03
C-1376-M Prim Land Surveying (Brit Prim), filed 5/02/03



RECEIVED BY Morrow County Surveyor Date: 11-15-2013 Rec'd By: S.K.H. No.: 2013-380 Folder No.: 1685

PROJECT NO: MOCO-2006-2 Surveyed for: Morrow County Public Works Department P.O. Box 429 Lexington, OR 97839 PHONE (541) 878-9500 FERGUSON SURVEYING REGISTERED PROFESSIONAL LAND SURVEYOR MORROW COUNTY RD. #598 KUNZE ROAD RIGHT OF WAY SURVEY SHEET TITLE: COVER SHEET & SHEET INDEX SHT. NO. 1 OF 7