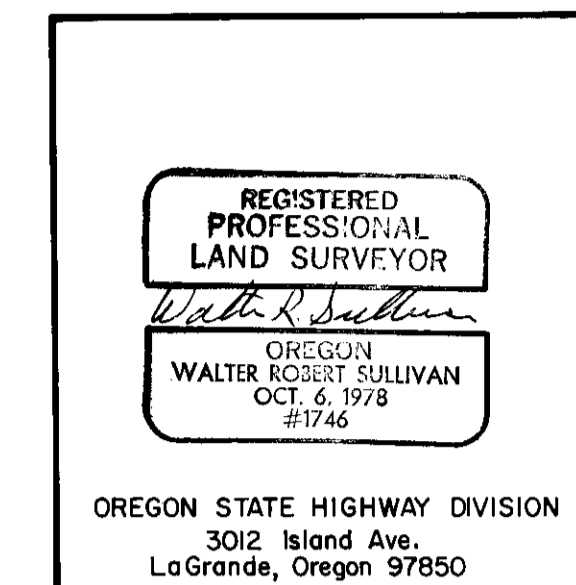


INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2, 2A to 9	SURVEY FILING PLAN SHEETS

STATE OF OREGON
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY DIVISION

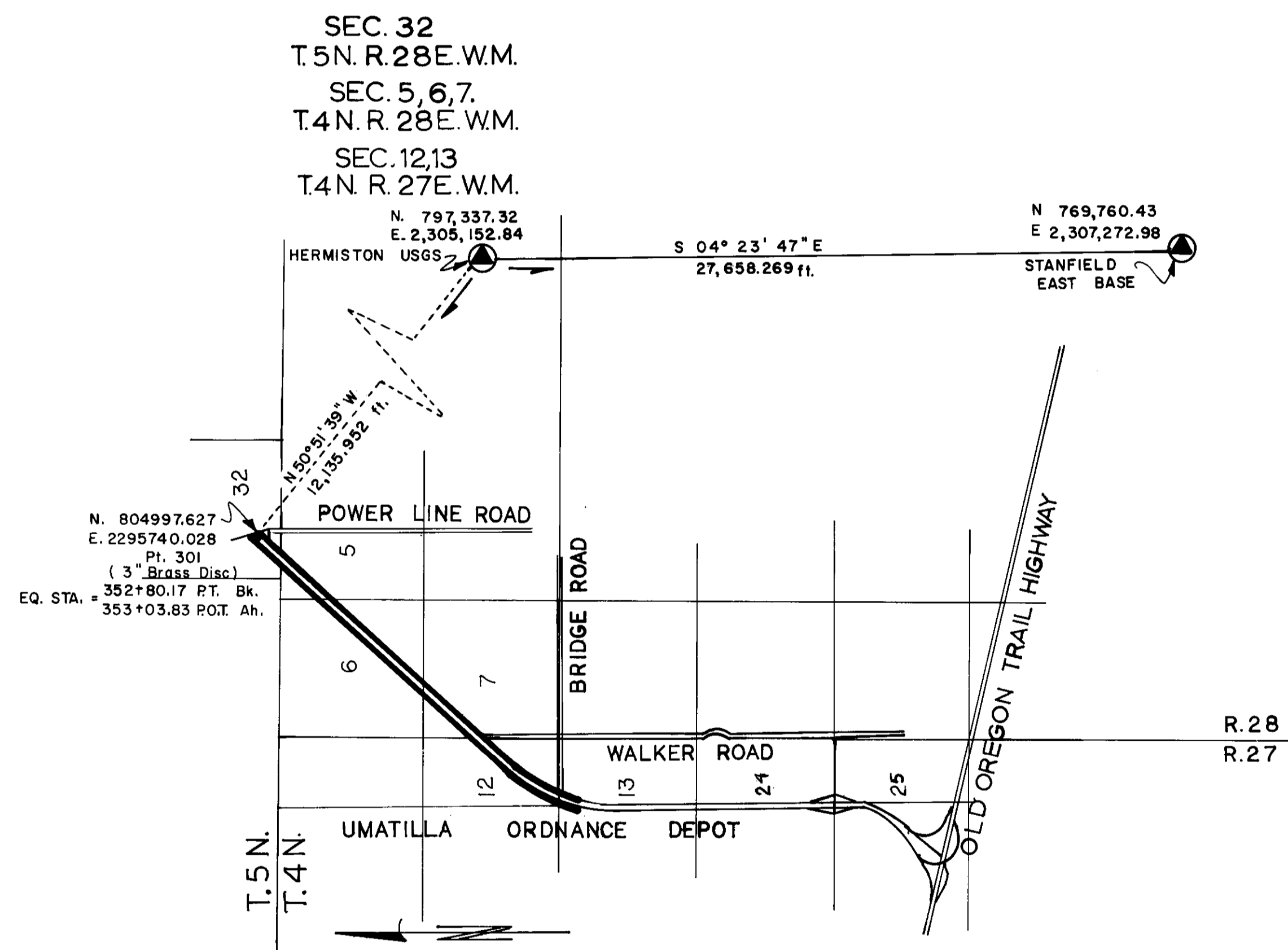
POWER LINE ROAD- BRIDGE ROAD SECTION McNARY HIGHWAY-UMATILLA COUNTY				SHEET No. 1
FED. ROAD Div. No.	STATE	PROJECT NUMBER	FISCAL YEAR	TOTAL SHEETS
10	OREGON			See Index



- R/W SET 5/8" IRON ROD WITH ALUMINUM CAP
 - ⊙ SET BRASS DISC 65' LT. OF "SB" CENTER LINE
 - TIE POINT
 - HU'S IRON ROD WITH ALUMINUM CAP
 - ⊠ HUB AND TACK
 - ▲ FOUND MONUMENT-AS NOTED
- FOR MONUMENTS SET SEE FIELD BOOK
No. 3042 ON FILE TRANSPORTATION BLDG.
SALEM OREGON 97310

1927 GRID BEARINGS-NORTH ZONE
NOTE: COORDINATES USED ON THIS MAP ARE ON A
LOCAL DATUM PLANE WHICH REPRESENTS TRUE
GROUND DISTANCES. TO CONVERT LDP COORDINATES
TO OREGON STATE GRID NORTH ZONE, MULTIPLY LDP
COORDINATES BY 0.9999226

SURVEY FILING
POWER LINE RD. BRIDGE RD. SEC.
McNARY HIGHWAY
UMATILLA COUNTY
OCTOBER, 1990



Survey Narrative

This survey was conducted in the following: Section 32, T.5 N., R. 28 E. W. M., sections 5, 6, 7, T. 4 N., R. 28 E. W. M. and section 12, 13, T. 4 N., R. 27 E. W. M. all of the preceding referred to drawings No. 98-16-21 and 98-18-15. Right of Way (R/W) and Monumentation was established from Southbound ("SB") 349+33.45 to "SB" 537+43.34. The purpose of this survey was to monument property acquired for R/W on the Interstate-82, McNary Highway and to reference Southbound Construction Center Line.

History:
IN December 1973 the "J" corridor was selected as the Interstate-82 and Defense Highway System connecting the Columbia River Bridge, near the city of Umatilla, to the existing Interstate-84 approximately 1.8 miles east of the Ordinance Interchange, all of which would be new construction. This survey encompassed the third contract letting of the new construction referred to as Unit 3, Northbound and Southbound lines.

Procedure:
Oregon Grid Bearing and Local Datum Plane Coordinates were established on the project from controlled monuments established by a 1974 photogrammetry ground control survey referred to as the HU line consisting of 5/8 inch iron rods and aluminum cap stamped HU and sequential traverse point numbers. The HU line coordinates were established by an independent traverse tied to the following N. G. S. triangulation stations, STANFIELD EAST BASE, HERMISTON, YACA and TRANS.

From this basis of bearing and predetermined coordinates a control traverse was then run beginning at HU-57 through tie point-6 and the preset traverse points to HU-8 and HU-9 closed and adjusted by the Compass Rule Method closure ratio being 1:47000, tie points No. 1, No. 2 and No. 3 were set and closed for the purpose of the intervisibility and check ties. All R/W was then established from closed traverse points by inverting designated coordinates of said point. All R/W was then established from closed traverse points by inverting designated coordinates of said point and setting a 5/8 inch x 30 inch iron rod and aluminum cap inscribed with OREG. STATE HWY. DIV. and center punch. R/W was set at changes of R/W width, opposite curve points and at intervals of 1000 ft. A 7 ft. steel post with a descriptive panel attached was also set approximately 1.5 ft. ahead on line at each R/W point.

"SB" construction center line was monumented at +/- 65 ft. LT. by placing a brass disc in concrete also with steel post and descriptive panel labeled S.H.R.P. and approximate station. These points also served as traverse points therefore when the traverse was adjusted the error was distributed at each point. These should be referenced to "SB" center line by coordinates only.

Sixteenth and Quarter section corners were tied to "SB" center line brass monuments from two points or traversed through and closed.

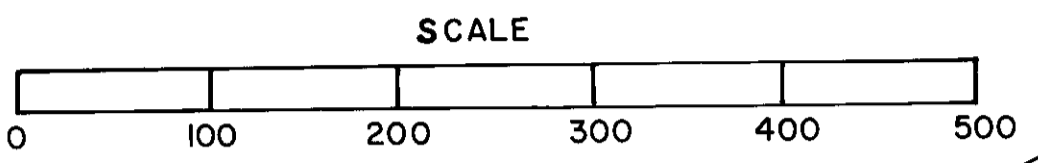
This survey was accomplished by a two and three man crew using a Wild D3S Infrared E.D.M. and T16 one minute theodolite. The E.D.M. was checked for atmospheric and temperature correction on N.O.S. calibrated baseline, designated: Hermiston, located near Frontage Road, south of I-84, 3.9 miles west of the Ordinance Depot interchange. The average temperature range during this survey was 30 to 50 degrees and overcast. All the preceding information is referenced to transit notes.

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Umatilla County Surveyor
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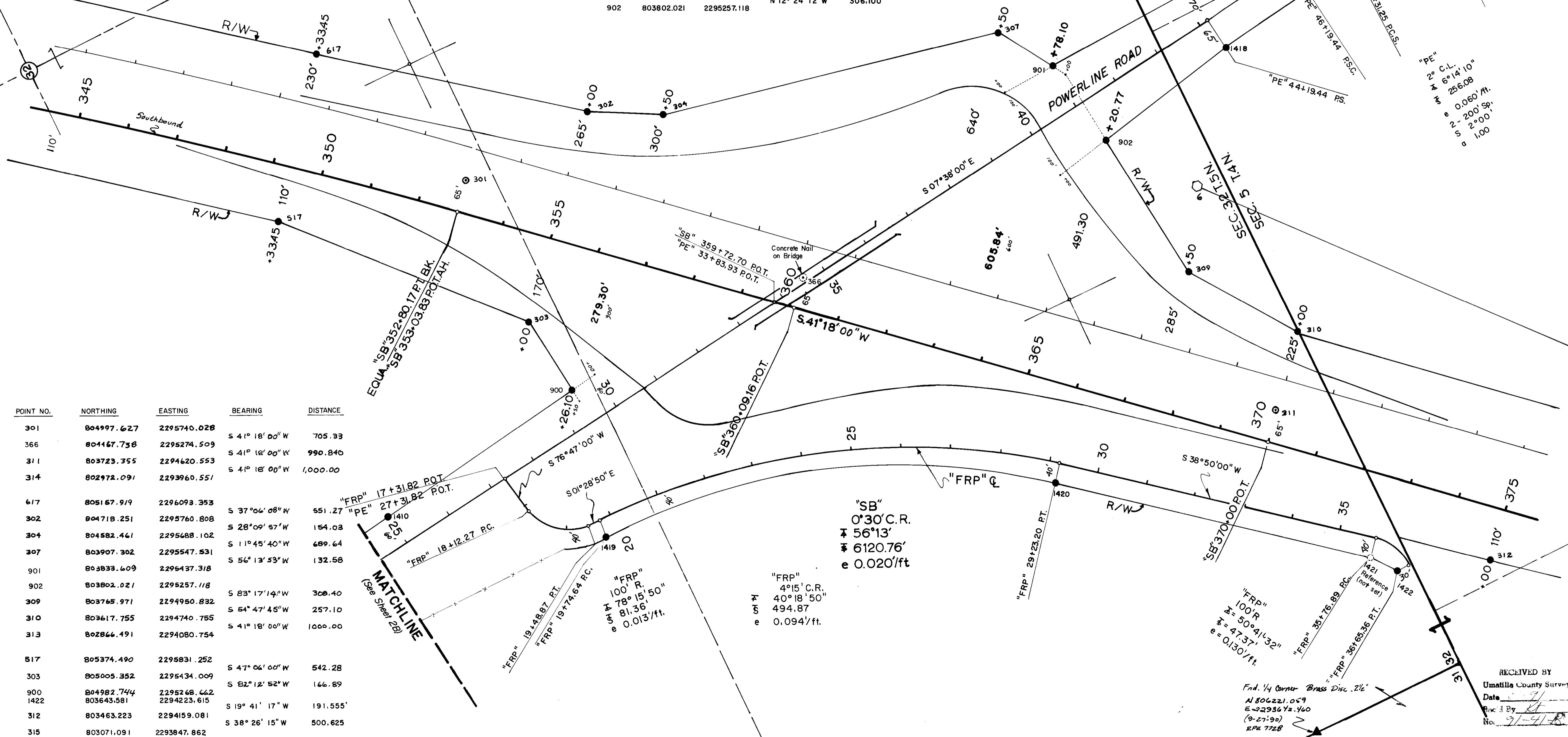
SEC. 32 T. 5 N., SEC. 5 T. 4 N., R. 28 E., W.M.

POWER LINE ROAD - BRIDGE ROAD SECTION McNARY HIGHWAY-UMATILLA COUNTY				SHEET No. 2
FED. ROAD Div. No.	STATE	PROJECT NUMBER	FISCAL YEAR	TOTAL SHEETS
10	OREGON			See Index

REGISTERED
PROFESSIONAL
LAND SURVEYOR
Walter R. Sullivan
OREGON
WALTER ROBERT SULLIVAN
OCT. 6, 1978
#1746
Oregon State Highway Division
3012 Island Ave
LaGrande, Oregon 97850



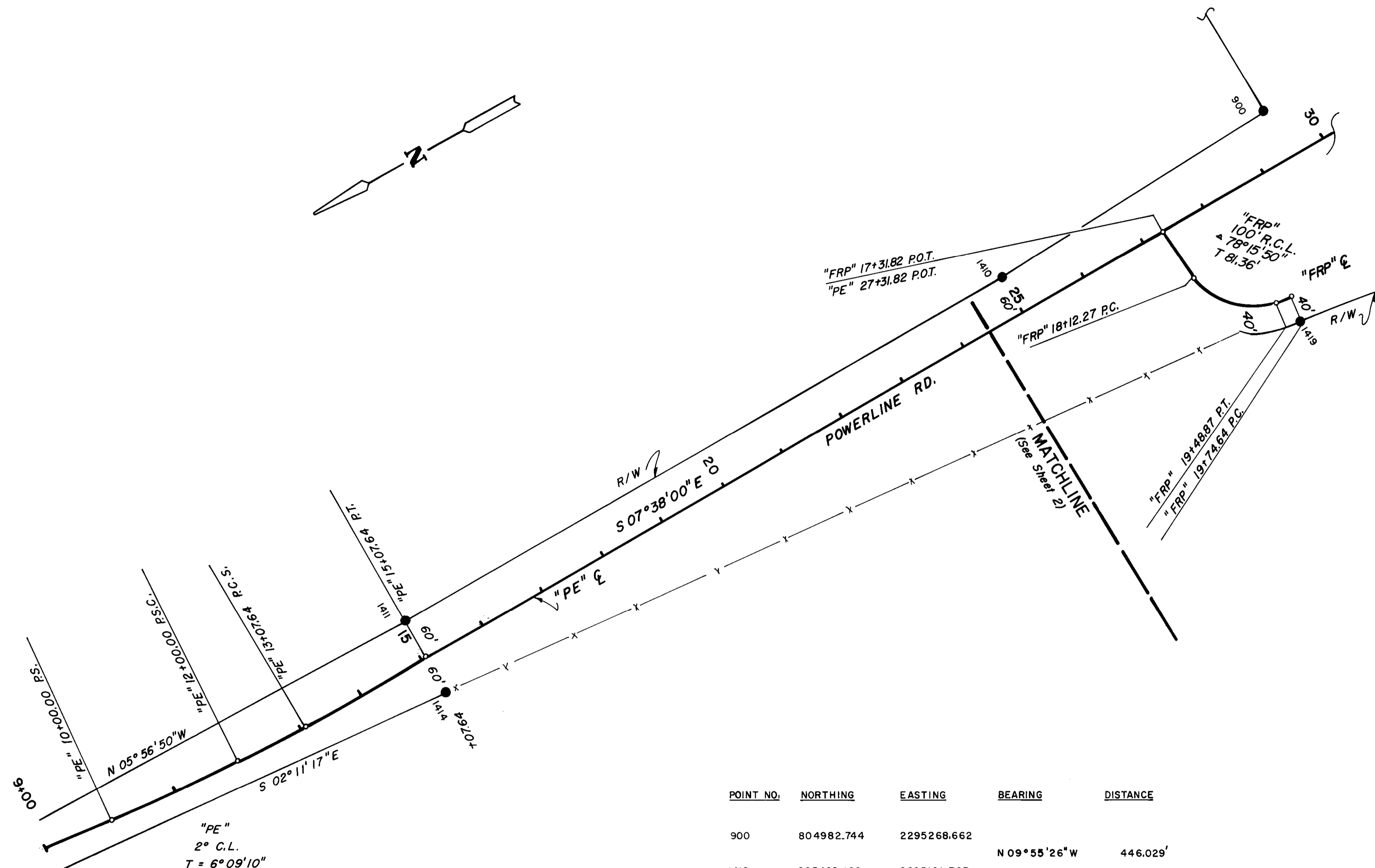
POINT NO.	NORTHING	EASTING	BEARING	DISTANCE
900	804982.744	2295268.662		
1410	805422.100	2295191.793	N 09° 55' 26" W	446.029'
1414	806389.726	2294941.039		
1419	805039.227	2294968.376	S 01° 09' 35" E	1,350.776'
1420	804185.156	2294679.673	S 18° 40' 37" W	901.547'
(Ref.) 1421	803675.951	2294269.774	S 38° 50' 00" W	653.687'
1422	803643.581	2294223.615	S 54° 57' 31" W	56.378'
307	803907.302	2295547.531	S 56° 13' 53" W	132.581'
901	803833.609	2295437.318	S 03° 32' 32" E	313.209'
1415	803520.998	2295456.670	S 00° 05' 47" E	518.396'
1416	803002.603	2295457.542	S 88° 36' 10" W	60.000'
1417	803001.140	2295397.560	N 08° 27' 52" W	507.483'
1418	803503.065	2295322.866	N 12° 24' 12" W	306.100'
902	803802.021	2295257.118		



POINT NO.	NORTHING	EASTING	BEARING	DISTANCE
301	804997.627	2295740.028	S 41° 18' 00" W	705.33
366	804467.738	2295274.509	S 41° 18' 00" W	990.840
311	803723.755	2294620.553	S 41° 18' 00" W	1,000.00
314	802972.091	2293960.551		
617	805167.919	2296093.353	S 37° 06' 08" W	551.27
302	804718.251	2295760.808	S 28° 09' 57" W	154.03
304	804582.461	2295668.102	S 11° 45' 40" W	689.64
307	803907.302	2295547.531	S 56° 13' 53" W	132.58
901	803833.609	2295437.318		
902	803802.021	2295257.118	S 83° 17' 14" W	308.40
309	803765.971	2294950.832	S 54° 47' 45" W	257.10
310	803617.755	2294740.755	S 41° 18' 00" W	1000.00
313	802866.491	2294080.754		
517	805374.490	2295831.252	S 47° 06' 00" W	542.28
303	805005.352	2295434.009	S 82° 12' 52" W	166.89
900	804982.744	2295268.662		
1422	803643.581	2294223.615	S 19° 41' 17" W	191.555'
312	803463.223	2294159.081	S 38° 26' 15" W	500.625
315	803071.091	2293847.862		

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Umatilla County Surveyor
Date: 9/1/90
Doc # By: [Signature]
No. 97-418
End. 1/4 Corner Brass Disc 2 1/2"
N 806221.059
E 2293672.400
(9-27-90)
RPL 7128

POWERLINE RD.- BRIDGE RD. SECTION				SHEET No.
McNARY HIGHWAY				2A
UMATILLA COUNTY				TOTAL SHEETS
FED. ROAD Div. No.	STATE	PROJECT NUMBER	FISCAL YEAR	See Index
10	OREGON			

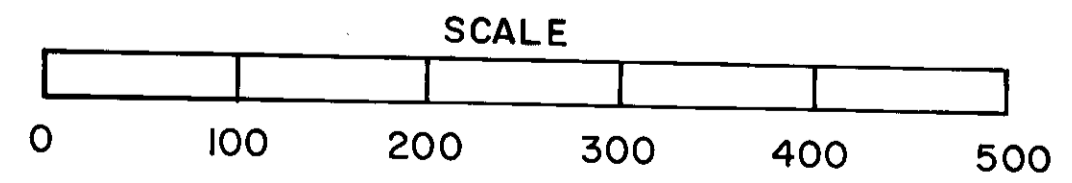


"PE"
2° C.L.
T = 6° 09' 10"
S = 254.00'
2 - 200' Sp.
S = 2°
a = 1.0

POINT NO.	NORTHING	EASTING	BEARING	DISTANCE
900	804982.744	2295268.662		
1410	805422.100	2295191.793	N 09° 55' 26" W	446.029'
1411	806405.666	2295059.975	N 07° 38' 00" W	992.360'
1414	806389.726	2294941.039	S 82° 22' 00" W	120.000'
1419	805039.227	2294968.376	S 01° 09' 35" E	1,350.776'

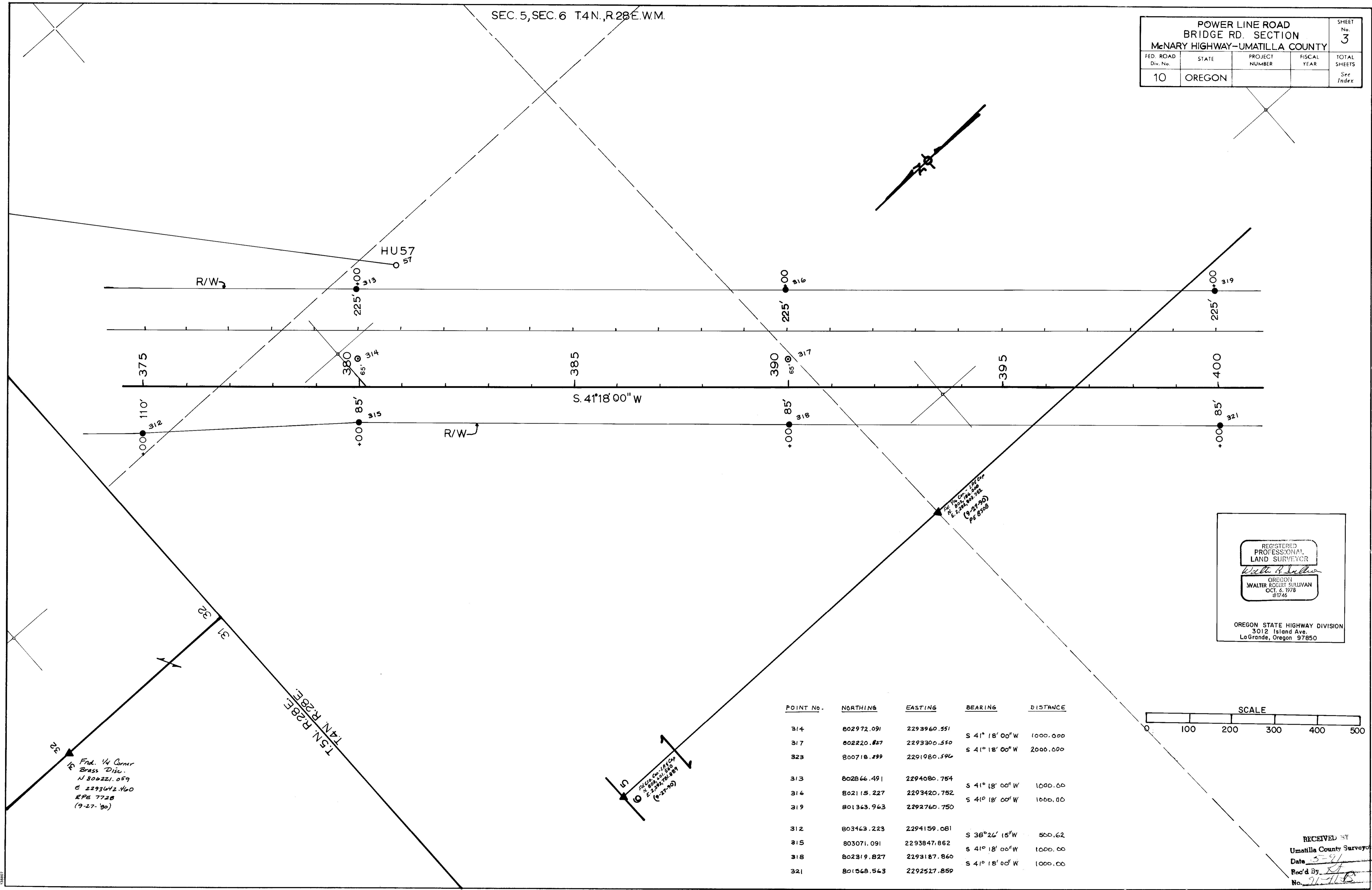
REGISTERED PROFESSIONAL LAND SURVEYOR
Walter R. Sullivan
OREGON
WALTER ROBERT SULLIVAN
OCT. 6, 1978
#1746
Oregon State Highway Division
3012 Island Ave.
LaGrande, Oregon 97850

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SEC. 5, SEC. 6 T.4N., R.28E. W.M.

POWER LINE ROAD BRIDGE RD. SECTION McNARY HIGHWAY-UMATILLA COUNTY				SHEET No. 3
FED. ROAD Div. No.	STATE	PROJECT NUMBER	FISCAL YEAR	TOTAL SHEETS
10	OREGON			See Index

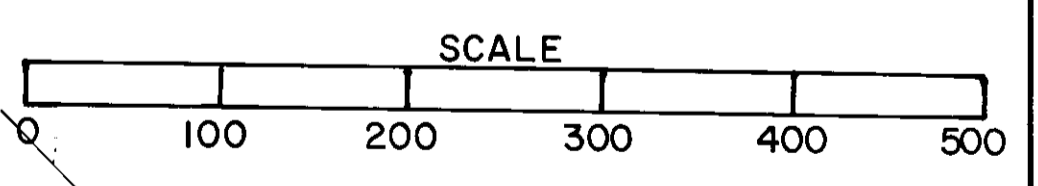


Find. 1/4 Corner
in Brass Disc.
N 800221.059
E 2293642.460
R.P. 7728
(9-27-90)

Walter R. Sullivan
REGISTERED PROFESSIONAL
LAND SURVEYOR
OREGON
WALTER ROBERT SULLIVAN
OCT. 6, 1978
#1746
P.E. 87088

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LAND SURVEYOR
Walter R. Sullivan
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WALTER ROBERT SULLIVAN
OCT. 6, 1978
#1746
OREGON STATE HIGHWAY DIVISION
3012 Island Ave.
LaGrande, Oregon 97850

POINT No.	NORTHING	EASTING	BEARING	DISTANCE
314	802972.091	2293960.551	S 41° 18' 00" W	1000.000
317	802220.827	2293300.550	S 41° 18' 00" W	2000.000
323	800718.799	2291980.546	S 41° 18' 00" W	2000.000
313	802866.491	2294080.754	S 41° 18' 00" W	1000.000
316	802115.227	2293420.752	S 41° 18' 00" W	1000.000
319	801363.963	2292760.750	S 41° 18' 00" W	1000.000
312	803463.223	2294159.081	S 38° 26' 15" W	500.62
315	803071.091	2293847.862	S 41° 18' 00" W	1000.000
318	802319.827	2293187.860	S 41° 18' 00" W	1000.000
321	801568.543	2292527.859	S 41° 18' 00" W	1000.000



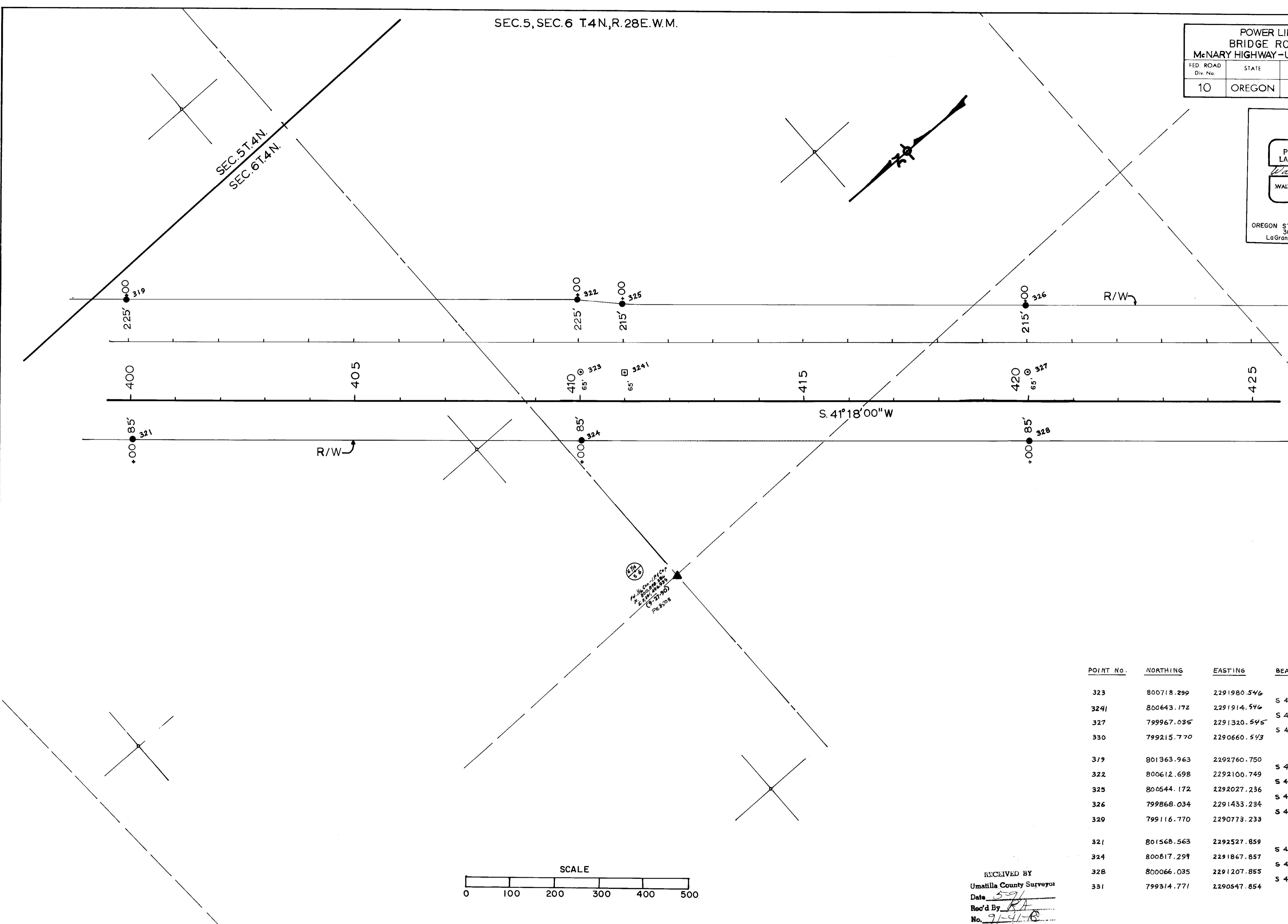
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SEC. 5, SEC. 6 T. 4 N., R. 28 E. W. M.

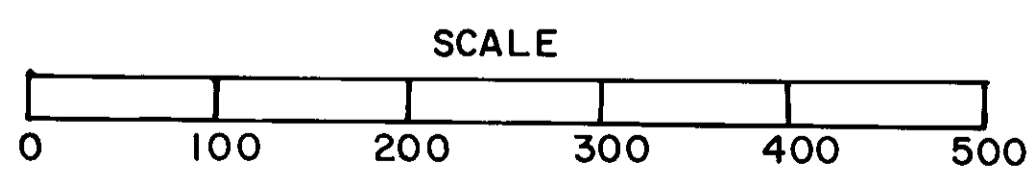
POWER LINE ROAD BRIDGE ROAD SECTION McNARY HIGHWAY - UMATILLA COUNTY				SHEET No. 4
FED. ROAD Div. No.	STATE	PROJECT NUMBER	FISCAL YEAR	TOTAL SHEETS
10	OREGON			See Index

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Walter R. Sullivan
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WALTER ROBERT SULLIVAN
OCT. 6, 1978
#1746

OREGON STATE HIGHWAY DIVISION
3012 Island Ave.
LaGrande, Oregon 97850



POINT No.	NORTHING	EASTING	BEARING	DISTANCE
323	800718.299	2291980.546	S 41° 18' 00" W	100.000
3241	800643.172	2291914.546	S 41° 18' 00" W	900.000
327	799967.035	2291320.545	S 41° 18' 00" W	1,000.000
330	799215.770	2290660.543	S 41° 18' 00" W	1,000.000
319	801363.963	2292760.750	S 41° 18' 00" W	1000.00
322	800612.698	2292100.749	S 47° 00' 38" W	100.50
325	800544.172	2292027.236	S 41° 18' 00" W	900.00
326	799868.034	2291433.234	S 41° 18' 00" W	1000.00
329	799116.770	2290773.233	S 41° 18' 00" W	1000.00
321	801568.563	2292527.859	S 41° 18' 00" W	1000.00
324	800817.299	2291867.857	S 41° 18' 00" W	1000.00
328	800066.035	2291207.855	S 41° 18' 00" W	1000.00
331	799314.771	2290547.854	S 41° 18' 00" W	1000.00

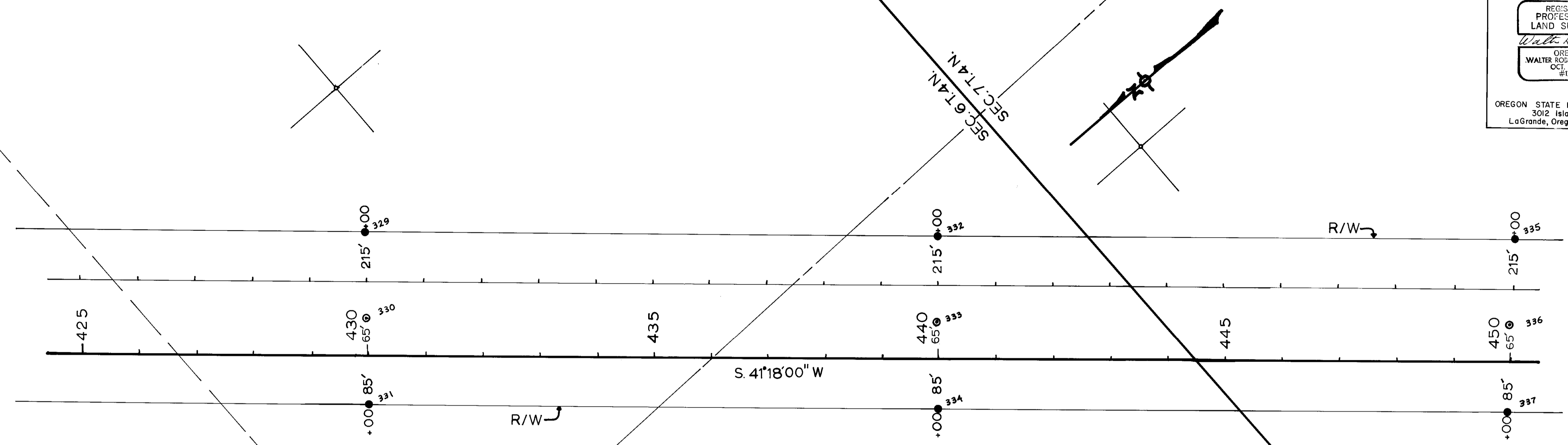


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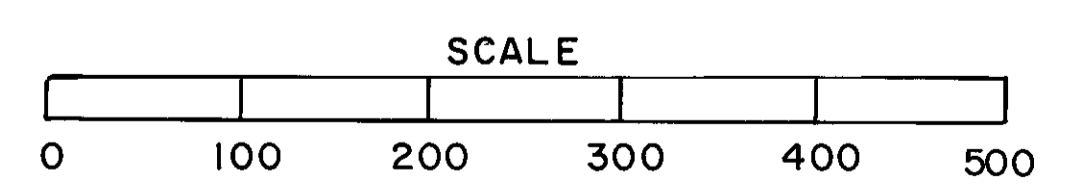
SEC. 6, SEC. 7 T. 4 N., R. 28 E. W.M.

POWER LINE ROAD BRIDGE ROAD SECTION McNARY HIGHWAY - UMATILLA COUNTY				SHEET No. 5
FED. ROAD Div. No.	STATE	PROJECT NUMBER	FISCAL YEAR	TOTAL SHEETS
10	OREGON			See Index

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Walter R. Sullivan
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WALTER ROBERT SULLIVAN
OCT. 6, 1978
#1746
OREGON STATE HIGHWAY DIVISION
3012 Island Ave.
LaGrande, Oregon 97850



POINT No.	NORTHING	EASTING	BEARING	DISTANCE
330	799215.770	2290660.543	S 41° 18' 00" W	1000.000
333	798464.506	2290000.541	S 41° 18' 00" W	1000.000
336	797713.242	2289340.540	S 41° 18' 00" W	1000.000
329	799116.770	2290773.233	S 41° 18' 00" W	1000.00
332	798365.506	2290113.231	S 41° 18' 00" W	1000.00
335	797614.242	2289453.229	S 41° 18' 00" W	1000.00
331	799314.771	2290547.954	S 41° 18' 00" W	1000.00
334	798563.507	2289887.852	S 41° 18' 00" W	1000.00
337	797812.242	2289227.850	S 41° 18' 00" W	1000.00



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3/4" = 1' (Scale)
PE 85010

PE 85010
OCT. 6, 1978
#1746
215-713

SEC.7 T.4 N. R.28 E.W.M., SEC.12 T.4 N. R.27 E.W.M.

POWER LINE ROAD BRIDGE ROAD SECTION McNARY HIGHWAY-UMATILLA COUNTY				SHEET No. 7
FED. ROAD Div. No.	STATE	PROJECT NUMBER	FISCAL YEAR	TOTAL SHEETS
10	OREGON			See Index

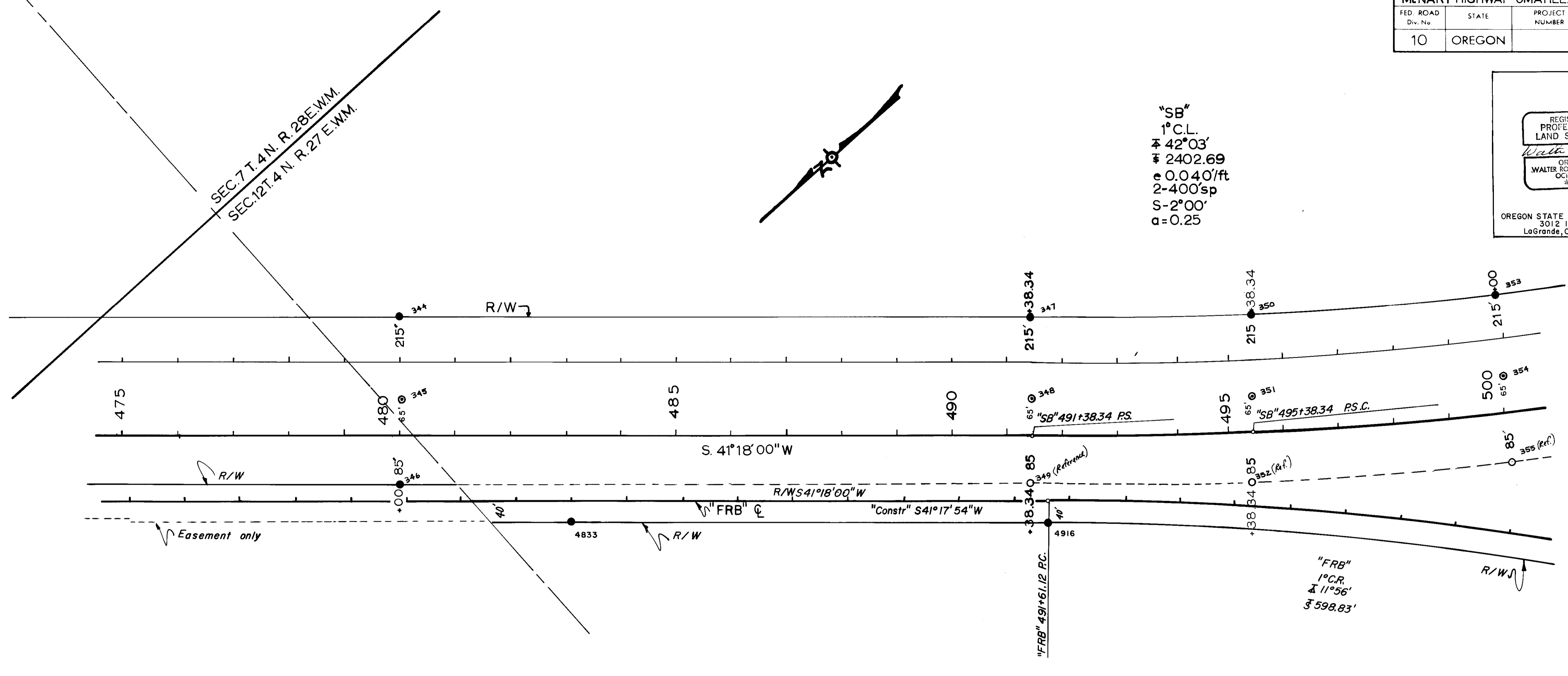
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PROFESSIONAL
LAND SURVEYOR

Walter B. Sullivan

OREGON
WALTER ROBERT SULLIVAN
O.C.I. 6, 1978
#1746

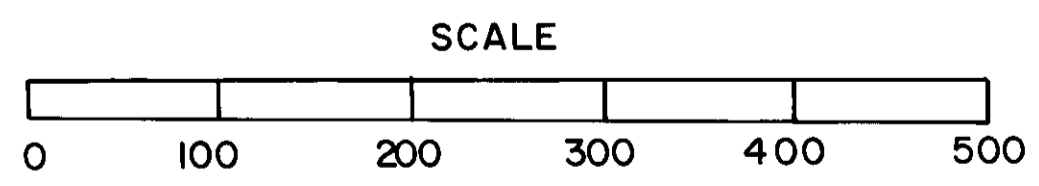
OREGON STATE HIGHWAY DIVISION
3012 Island Ave.
LaGrande, Oregon 97850

"SB"
1° C.L.
± 42° 03'
± 2402.69
e 0.040'/ft
2-400'sp
S-2° 00'
a=0.25



POINT NO.	NORTHING	EASTING	BEARING	DISTANCE
346	795558.450	2287247.845	S 54° 26' 02" W	308.060'
4833	795379.270	2286997.255	S 41° 17' 54" W	861.119'
4916	794732.326	2286428.935		

POINT No.	NORTHING	EASTING	BEARING	DISTANCE
345	795459.450	2287360.555	S 41° 18' 00" W	1138.340'
348	794604.256	2286609.228	S 40° 38' 07" W	397.709'
351	794302.446	2286350.224	S 36° 59' 30" W	466.299'
354	793937.389	2286075.669		
344	795360.449	2287473.224	S 41° 18' 00" W	1138.34
347	794505.255	2286721.918	S 40° 38' 23" W	392.47
350	794207.439	2286466.300	S 36° 59' 30" W	444.22
353	793852.693	2286199.015		
346	795558.450	2287247.845	S 41° 18' 00" W	1138.34
349 (Ref.)	794703.256	2286496.639	S 40° 37' 51" W	402.94
352 (Ref.)	794397.453	2286234.148	S 36° 59' 30" W	466.298
355 (Ref.)	794023.345	2285952.322		

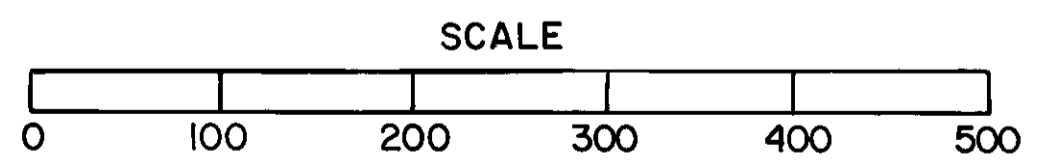
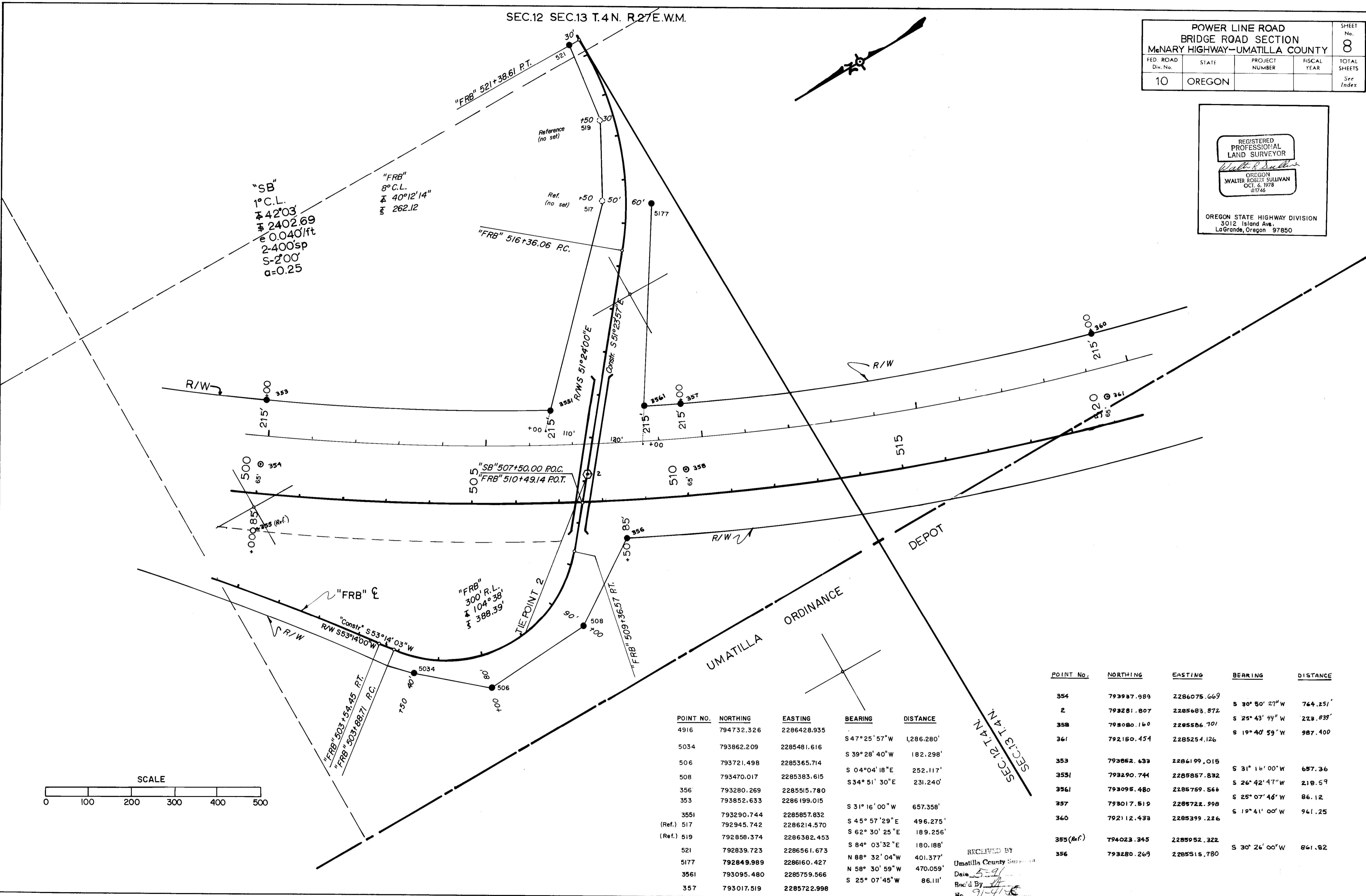


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SEC.12 SEC.13 T.4 N. R.27 E.W.M.

POWER LINE ROAD BRIDGE ROAD SECTION McNARY HIGHWAY-UMATILLA COUNTY					SHEET No. 8
FED. ROAD Div. No.	STATE	PROJECT NUMBER	FISCAL YEAR	TOTAL SHEETS	
10	OREGON			See Index	

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Walter R. Sullivan
OREGON
WALTER ROBERT SULLIVAN
OCT. 6, 1978
#1746
OREGON STATE HIGHWAY DIVISION
3012 Island Ave.
LaGrande, Oregon 97850



POINT NO.	NORTHING	EASTING	BEARING	DISTANCE
4916	794732.326	2286428.935		
5034	793862.209	2285481.616	S 47° 25' 57" W	1,286.280'
506	793721.498	2285365.714	S 39° 28' 40" W	182.298'
508	793470.017	2285383.615	S 04° 04' 18" E	252.117'
356	793280.269	2285515.780	S 34° 51' 30" E	231.240'
353	793852.633	2286199.015		
3551	793290.744	2285857.832	S 31° 16' 00" W	657.36'
(Ref.) 517	792945.742	2286214.570	S 45° 57' 29" E	496.275'
(Ref.) 519	792858.374	2286382.453	S 62° 30' 25" E	189.256'
521	792839.723	2286561.673	S 84° 03' 32" E	180.188'
5177	792849.989	2286160.427	N 88° 32' 04" W	401.377'
3561	793095.480	2285759.566	N 58° 30' 59" W	470.059'
357	793017.519	2285722.998	S 25° 07' 45" W	86.111'

POINT No.	NORTHING	EASTING	BEARING	DISTANCE
354	79397.989	2286075.669		
2	793281.807	2285683.872	S 30° 50' 27" W	764.251'
358	793080.160	2285586.701	S 25° 43' 44" W	223.839'
361	792150.454	2285254.126	S 19° 40' 59" W	987.400'
353	793862.633	2286199.015		
3551	793290.744	2285857.832	S 31° 16' 00" W	657.36'
3561	793095.480	2285759.566	S 26° 42' 47" W	218.69'
357	793017.519	2285722.998	S 25° 07' 46" W	86.12'
360	792112.433	2285399.226	S 19° 41' 00" W	961.25'
355 (R.F.)	794023.345	2285952.322		
356	793280.269	2285515.780	S 30° 26' 00" W	861.82'

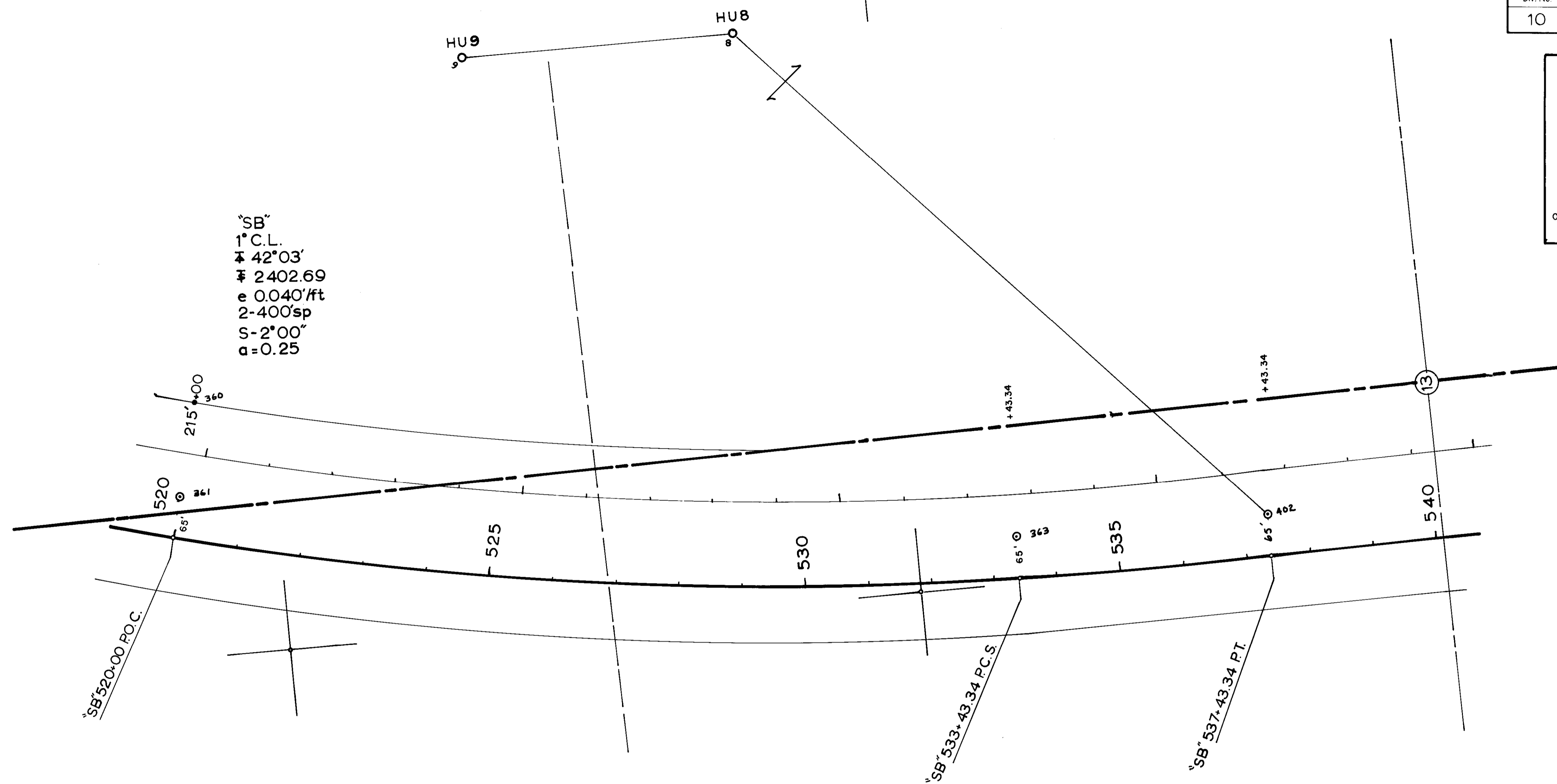
RECEIVED BY
Umatilla County Surveyor
Date 5-91
Rec'd By [Signature]
No. 91-4156

SEC.13 T.4N. R. 27E.W.M.

POWER LINE ROAD BRIDGE ROAD SECTION				SHEET No.
McNARY HIGHWAY-UMATILLA COUNTY				9
FED. ROAD Dist. No.	STATE	PROJECT NUMBER	FISCAL YEAR	TOTAL SHEETS
10	OREGON			See Index

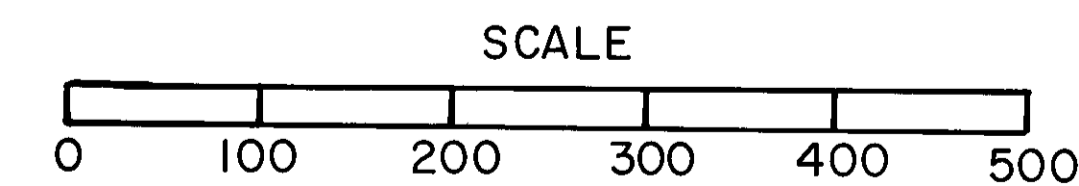
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LAND SURVEYOR
Walter R. Sullivan
OREGON
WALTER ROBERT SULLIVAN
OCT. 6, 1978
21746

OREGON STATE HIGHWAY DIVISION
3012 Island Ave.
LaGrande, Oregon 97850



UMATILLA ARMY DEPOT

POINT No.	NORTHING	EASTING	BEARING	DISTANCE
361	792150.454	2285254.126		
363	790838.182	2285070.172	S 07° 58' 01" W	1325.061'
402	790440.473	2285071.004	S 00° 05' 07" E	397.710'
8	792415.01	2287863.74	N 54° 44' 17" E	3420.210'
9	793567.16	2287847.96	N 00° 47' 05" W	1152.26'



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No. 97-416