

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2-9	SURVEY FILING PLAN SHEETS

STATE OF OREGON  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY DIVISION

BRIDGE ROAD-OLD OREGON TRAIL HWY SECTION McNary Hwy (I-82) Umatilla County				SHEET No. <b>1</b>
FED. ROAD Div. No.	STATE	PROJECT NUMBER	FISCAL YEAR	TOTAL SHEETS
10	OREGON			See Index



- ⊕ FOUND BRASS DISC
- R/W SET 5/8" IRON ROD WITH ALUMINUM CAP
- ⊙ SET BRASS DISC
- ⊕ TIE POINT
- HU'S IRON ROD WITH ALUMINUM CAP
- ⊠ HUB AND TACK
- ▲ FOUND MONUMENT-AS NOTED

LEGEND  
FOR MONUMENTS SET, SEE FIELD BOOK # 3043 ON FILE AT: TRANSPORTATION BLDG. SALEM, OR 97810

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  
BRIDGE ROAD - OLD OREGON TRAIL HWY SEC.

McNARY HIGHWAY  
UMATILLA COUNTY  
OCTOBER, 1990

SEC 13 24 25 26 36

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

SEC 19 30

T. 4 N. R. 28 E.W.M.

**Survey Narrative**  
This survey was conducted in the following: Sections 13, 24, 25 & 26, T. 4N., R. 27 E. W. M. All of the preceding referred to drawings No. 1A-1B-15 and 9B-1B-15. Right of Way (R/W) and Monumentation was established from Southbound ("SB") 537+43.34 through I-84 Interchange. The purpose of this survey was to monument property acquired for R/W on the Interstate-82, McNary Highway and to Reference Construction Center Lines as follows, Northbound (NB), Northbound from Westbound (NB-WB), Northbound from Eastbound (NB-EB), Southbound to Westbound I-84 (SB-WB), Frontage Road South (FRS), and Depot Entrance (DE).

**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.

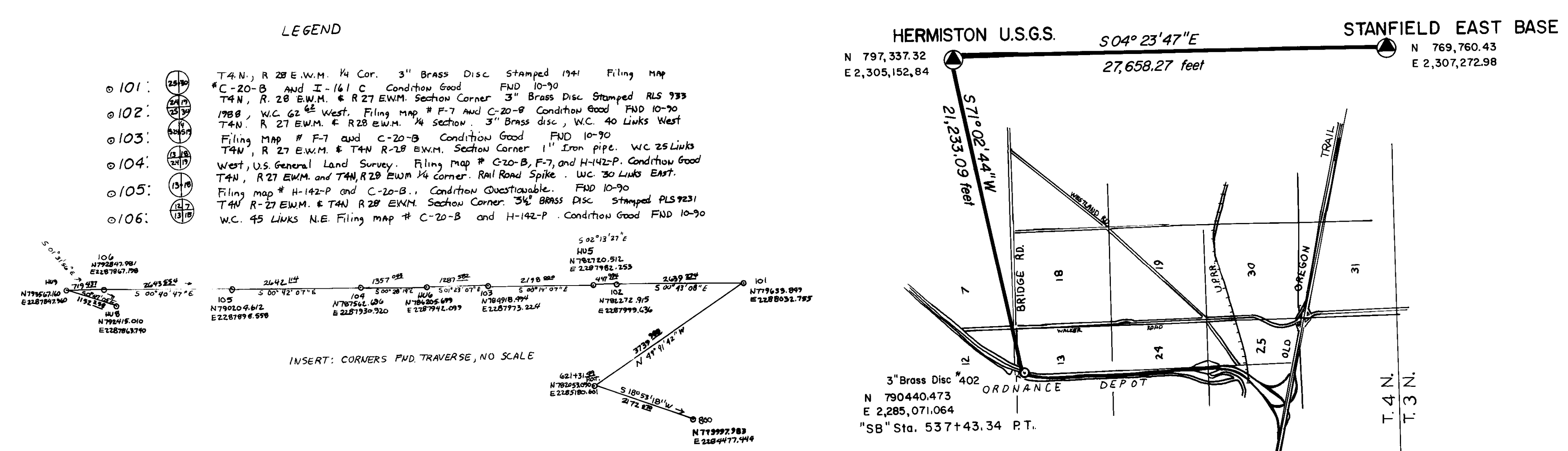
**Procedure:**  
Oregon Grid Bearing and Local Datum Plane Coordinates were established on the project from controlled monuments established by a 1974 photogrammetry ground control survey referred to as the HU line consisting of 5/8 inch iron rods and aluminum cap stamped HU and sequential traverse point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

From this basis of bearing and predetermined coordinates a control traverse was then run beginning at HU-8 through HU-9 and the preset traverse points to HU-3 and HU-4 closed and adjusted by the Compass Rule Method closure ratio being 1:32000. Tie points No. 3, No. 4, and No. 5 were set and closed for the purpose of intervisibility and check ties. All R/W was 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 3/4 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 near each R/W point.

"SB" construction center line (STA 37+43.34 PT to 610+00.00 P.O.T.) was monumented at 65 ft. LT. and references from 610+00.00 ahead were set at 27' RT or 27' LT of centerline control points as indicated on the attached sheets. No monuments were set at R/W within the Umatilla Army Depot easement approximately stations 529+50.00 to 614+78.00 by placing a brass disc in concrete with steel post and descriptive panel labeled S.H.R.P. and 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 D13S infra-red 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.



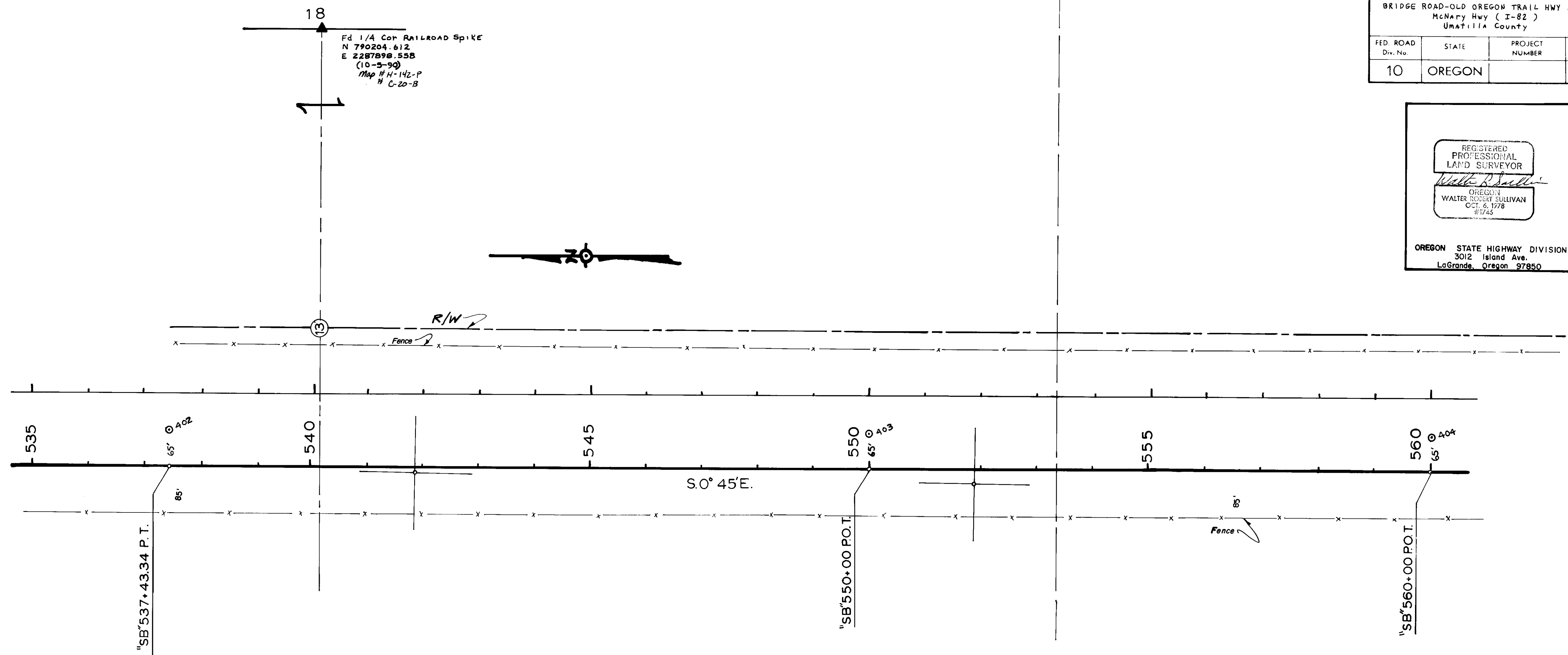
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File: 10-27-90

SEC. 13 T.4 N. R. 27E.WM.

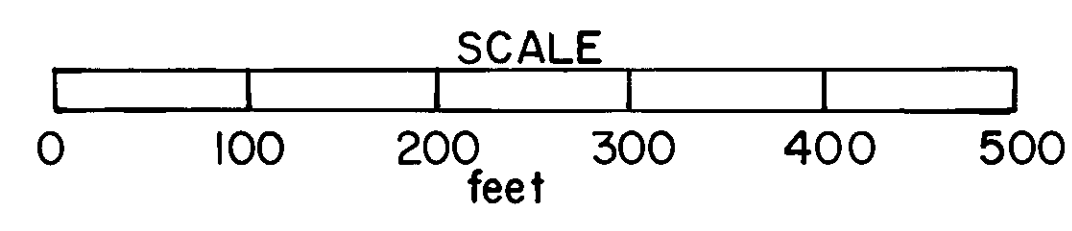
BRIDGE ROAD-OLD OREGON TRAIL HWY SECTION McNary Hwy (I-82) Umatilla County				SHEET No. <b>2</b>
FED. ROAD Div. No.	STATE	PROJECT NUMBER	FISCAL YEAR	TOTAL SHEETS
10	OREGON			See Index

REGISTERED  
PROFESSIONAL  
LAND SURVEYOR  
*Walter R. Sullivan*  
OREGON  
WALTER ROBERT SULLIVAN  
OCT. 6, 1978  
#1745

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



UMATILLA ARMY DEPOT



POINT No.	NORTHING	EASTING	BEARING	DISTANCE
402	790440.473	2285071.064	S 00-45'-00" E	1256.659
403	789183.921	2285087.513	S 00-45'-00" E	1000.000
404	788184.007	2285100.602		

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No. 97-413

SEC.13 SEC.24 T4N. R.27E.W.M.

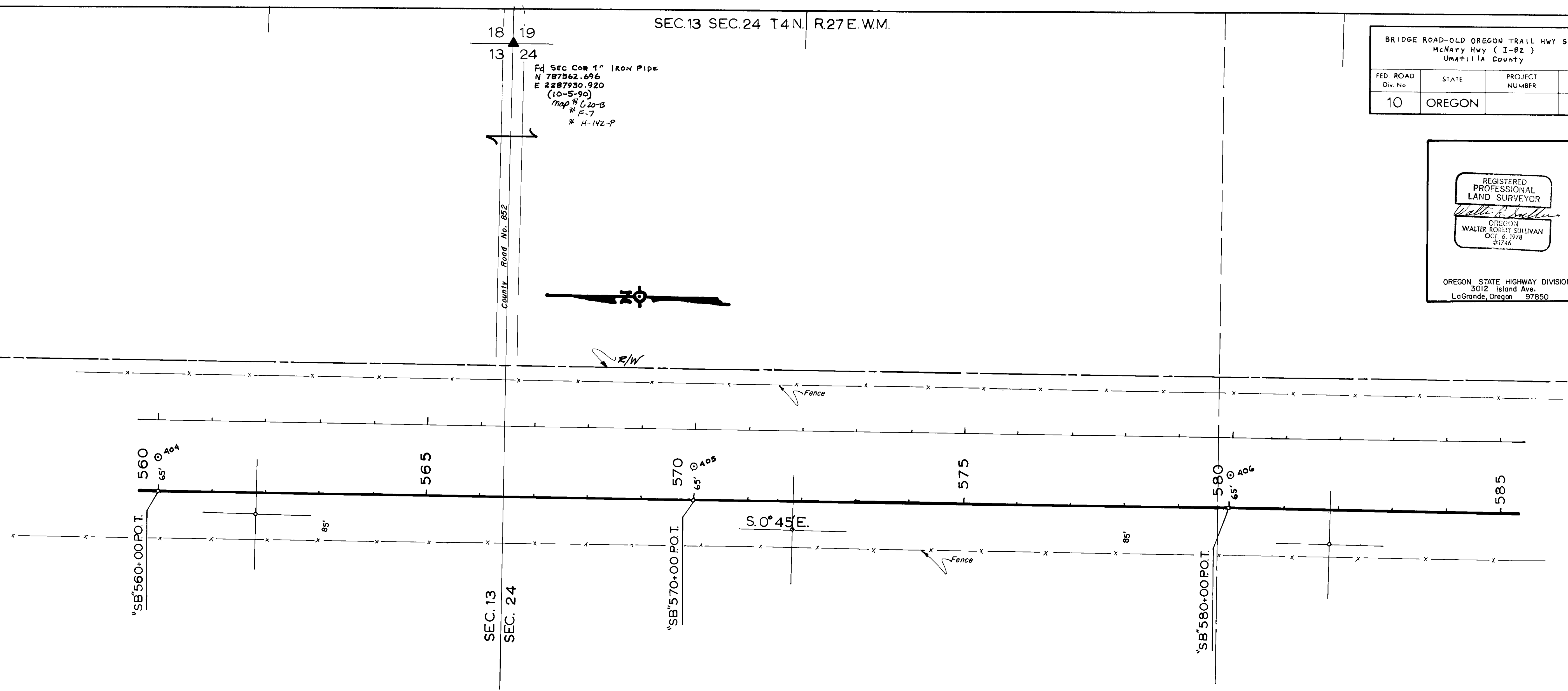
BRIDGE ROAD-OLD OREGON TRAIL HWY SECTION McNary Hwy ( I-82 ) Umatilla County				SHEET No. <b>3</b>
FED. ROAD Div. No.	STATE	PROJECT NUMBER	FISCAL YEAR	TOTAL SHEETS
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*Walter R. Sullivan*

OREGON  
WALTER ROBERT SULLIVAN  
OCT. 6, 1978  
#1746

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



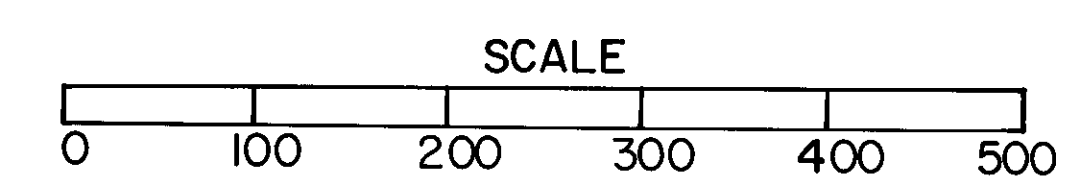
R/W

Fence

Fence

UMATILLA ARMY DEPOT

POINT No.	NORTHING	EASTING	BEARING	DISTANCE
404	788184.007	2285100.602	S 0-45'-00" E	1000.000
405	787184.093	2285113.692	S 0-45'-00" E	1000.000
406	786184.179	2285126.781	S 0-45'-00" E	1000.000
407	785184.264	2285139.871	S 0-45'-00" E	1000.000



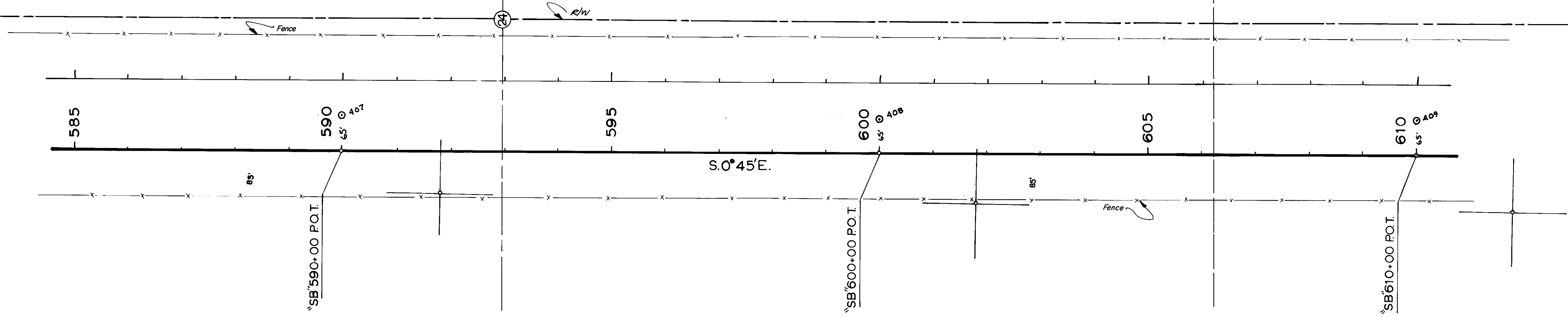
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SEC. 24 T. 4 N. R. 27 E. W. M.

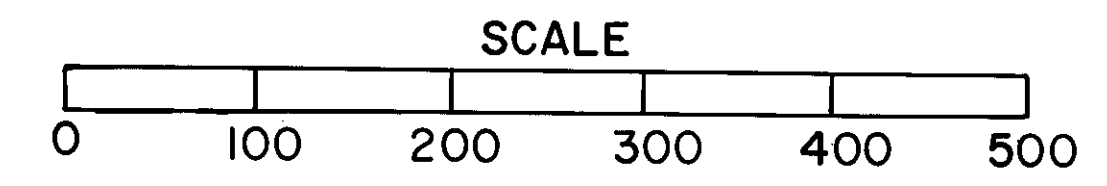
BRIDGE ROAD-OLD OREGON TRAIL HWY SECTION McNARY Hwy ( I-82 ) Umatilla County				SHEET No. <b>4</b>
FED ROAD Div. No.	STATE	PROJECT NUMBER	FISCAL YEAR	TOTAL SHEETS
10	OREGON			See Index

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

19  
24  
Fd. 1/4 Cor 3" Brass Disc  
N 784918.494  
E 2287973.224  
(10-5-90)  
Map # F-7  
# 6-20-8



UMATILLA ARMY DEPOT



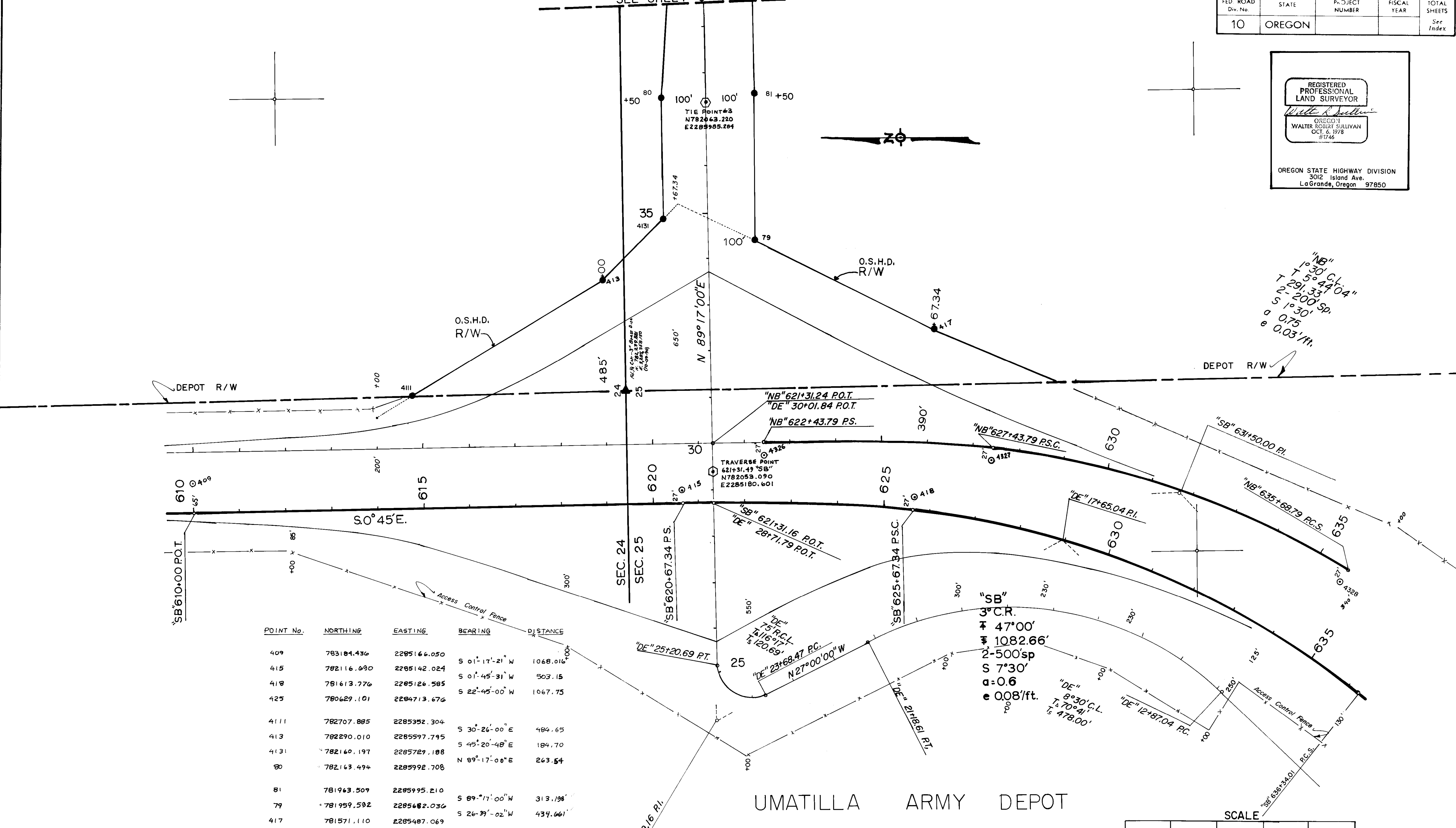
POINT No.	NORTHING	EASTING	BEARING	DISTANCE
407	785184.264	2285139.871	S 00-45-00"E	1000.000
408	784184.350	2285152.961	S 00-45-00"E	1000.000
409	783184.436	2285166.050		

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MATCHLINE  
SEE SHEET 9

BRIDGE ROAD-OLD OREGON TRAIL HWY SECTION McNary Hwy ( I-82 ) UMATILLA County					SHEET No. <b>5</b>
FED. ROAD Div. No.	STATE	PROJECT NUMBER	FISCAL YEAR	TOTAL SHEETS	
10	OREGON			See Index	

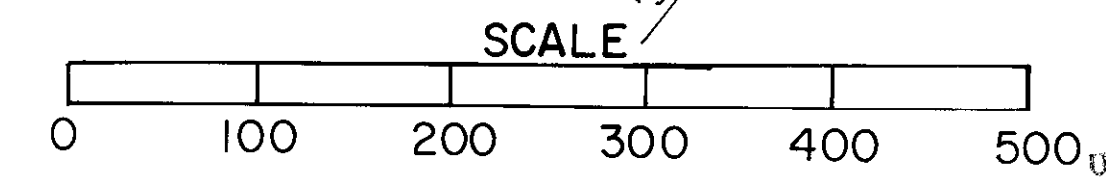
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OCT. 6, 1978  
#1746  
OREGON STATE HIGHWAY DIVISION  
3012 Island Ave.  
LaGrande, Oregon 97850



"NB" 1°30' C.L.  
T 5°-44'04"  
T 291.33'  
S 2°-20' SP.  
S 1°30'  
a 0.75  
e 0.03'/ft.

POINT No.	NORTHING	EASTING	BEARING	DISTANCE
409	783184.436	2285166.050	S 01°-17'-21" W	1068.016
415	782116.090	2285142.024	S 01°-45'-31" W	503.15
418	781613.776	2285126.585	S 22°-45'-00" W	1067.75
425	780629.101	2284713.676	S 30°-26'-00" E	484.65
4111	782707.885	2285352.304	S 45°-20'-48" E	184.70
413	782290.010	2285597.795	N 89°-17'-00" E	263.54
4131	782160.197	2285729.188	S 09°-17'-00" W	313.198
80	782163.494	2285992.708	S 26°-37'-02" W	434.661
81	781963.509	2285995.210	S 01°-44'-27" W	496.09
79	781959.592	2285682.036	S 19°-07'-30" W	807.03
417	781571.110	2285487.069		
4326	781941.251	2285220.326		
4327	781445.391	2285205.256		
4328	780682.906	2284940.849		

UMATILLA ARMY DEPOT



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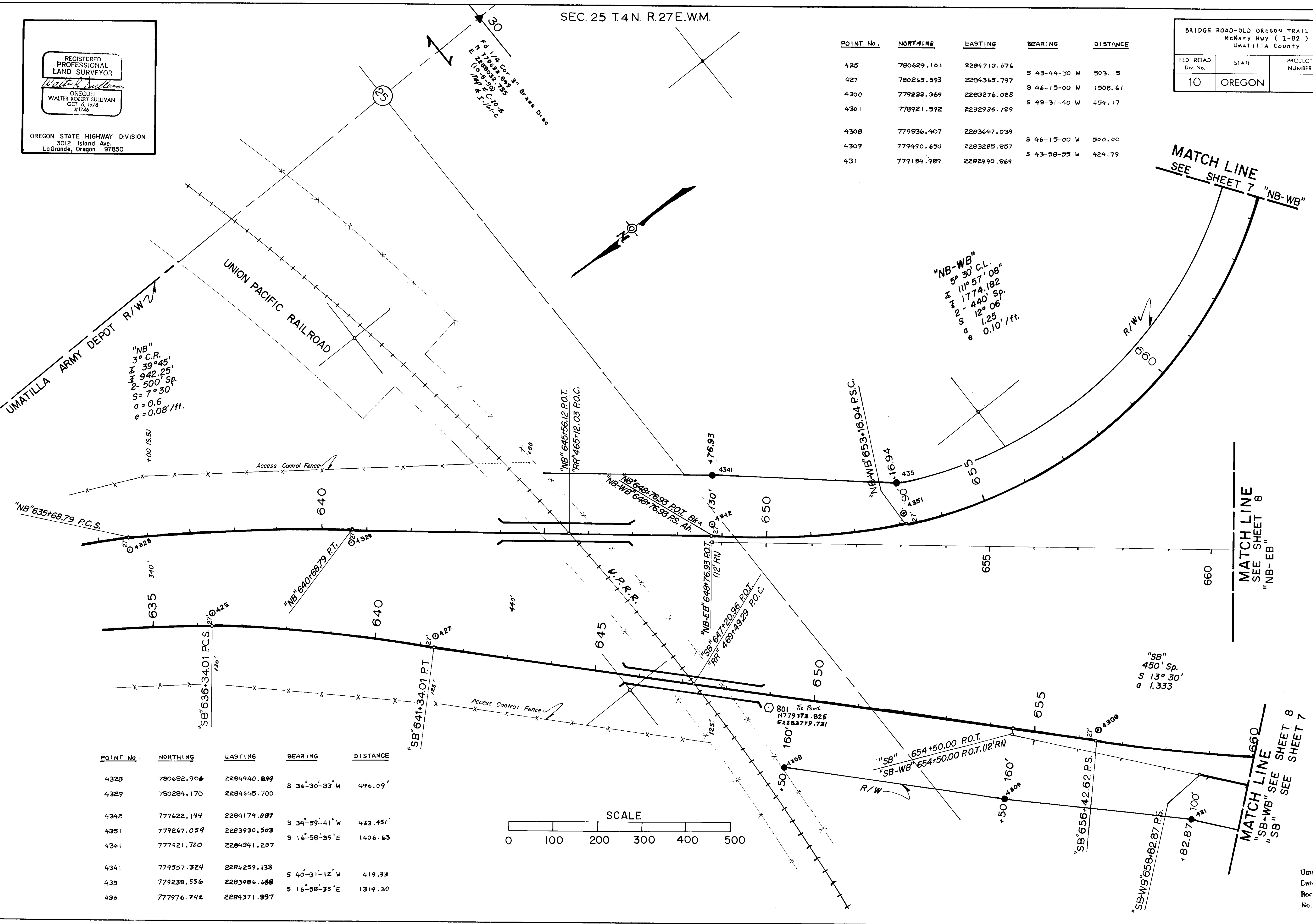
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 WALTER ROBERT SULLIVAN  
 OCT. 6, 1978  
 21746

OREGON STATE HIGHWAY DIVISION  
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 LaGrande, Oregon 97850

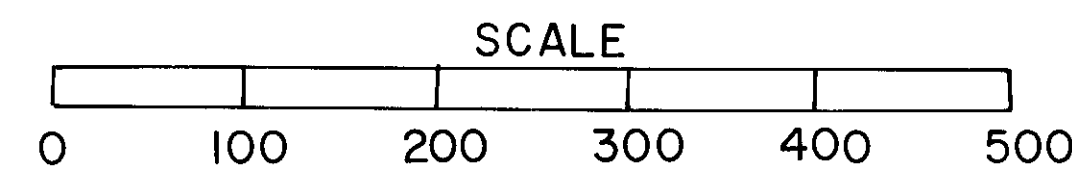
SEC. 25 T.4 N. R.27 E.W.M.

POINT No.	NORTHING	EASTING	BEARING	DISTANCE
425	780629.104	2284713.676		
427	780265.593	2284365.797	S 43-44-30 W	503.15
4300	779222.369	2283276.028	S 46-15-00 W	1508.61
4301	778921.592	2282935.729	S 48-31-40 W	459.17
4308	779836.407	2283647.039		
4309	779490.650	2283285.857	S 46-15-00 W	500.00
431	779184.989	2282990.869	S 43-58-55 W	424.79

BRIDGE ROAD-OLD OREGON TRAIL HWY SECTION McNary Hwy (I-82) Umatilla County				SHEET No. 6
FED. ROAD Div. No.	STATE	PROJECT NUMBER	FISCAL YEAR	TOTAL SHEETS
10	OREGON			See Index



POINT No.	NORTHING	EASTING	BEARING	DISTANCE
4328	780682.906	2284940.899	S 36-30'-33" W	496.09'
4329	780284.170	2284645.700	S 34-59'-41" W	433.451'
4342	779622.144	2284179.087	S 16-58'-35" E	1406.63
4351	779247.059	2283930.503	S 40-31'-12" W	419.33
4361	777921.720	2284341.207	S 16-58'-35" E	1319.30
4341	779357.324	2284259.133		
435	779238.556	2283986.688		
436	777976.742	2284371.897		



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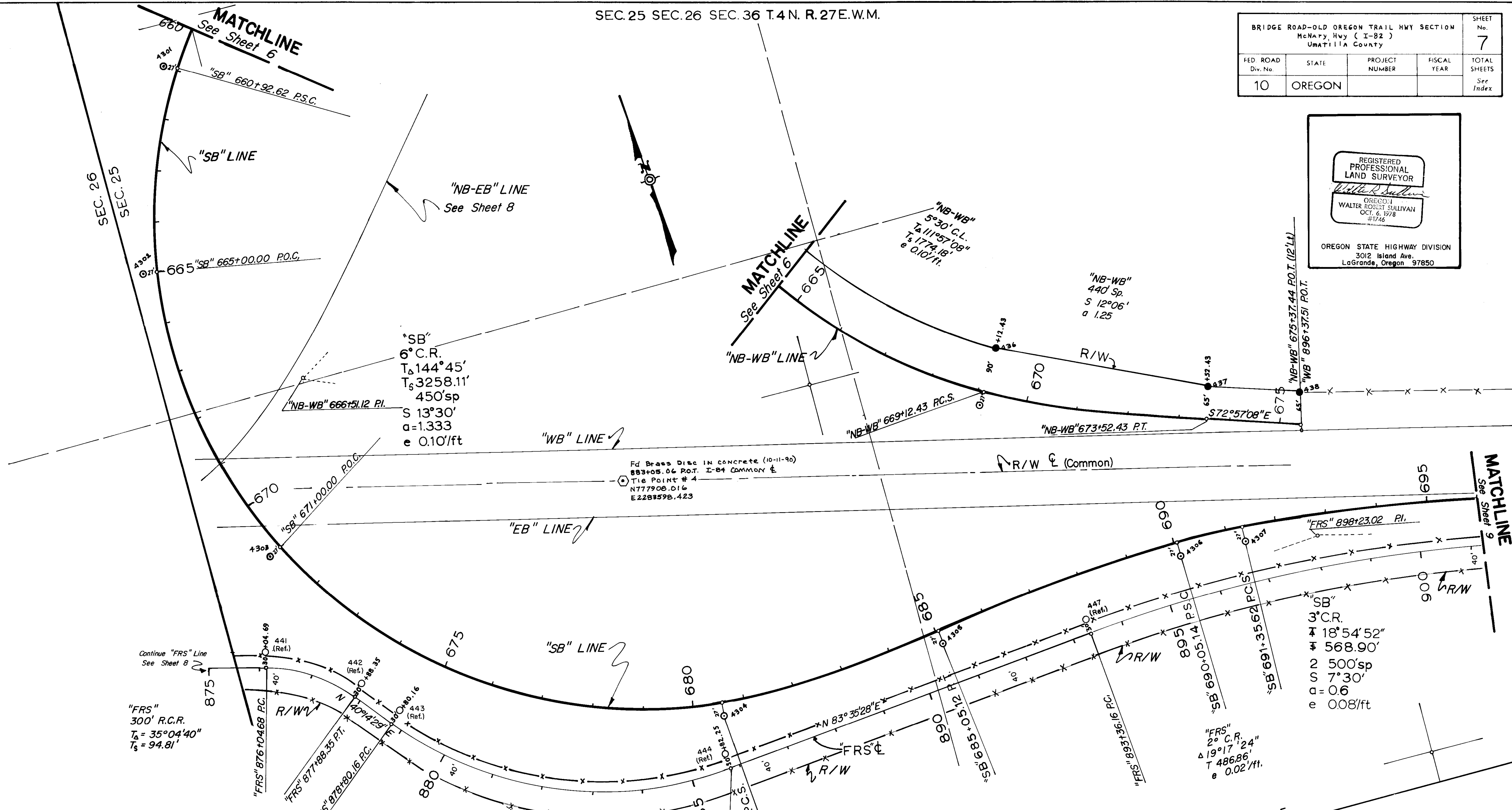
BRIDGE ROAD-OLD OREGON TRAIL HWY SECTION McNARY Hwy ( I-82 ) UMATILLA COUNTY				SHEET No. 7
FED. ROAD Div. No.	STATE	PROJECT NUMBER	FISCAL YEAR	TOTAL SHEETS
10	OREGON			See Index

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*Walter R. Sullivan*

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WALTER ROBERT SULLIVAN  
OCT. 6, 1978  
#1746

OREGON STATE HIGHWAY DIVISION  
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LaGrande, Oregon 97850



POINT No.	NORTHING	EASTING	BEARING	FRS	DISTANCE
4301	778921.592	2282935.729	S 20-31-43 W		415.73
4302	778532.263	2282789.743	S 09-41-34 E		606.87
4303	777934.061	2282892.119	S 56-20-47 E		941.70
4304	777412.201	2283675.990	N 86-01-45 E		455.23
4305	777443.724	2284130.130	N 83-59-26 E		496.11
4306	777495.662	2284623.512	S 89-02-34 E		128.61
4307	777493.514	2284752.105			
436	777976.742	2284371.897	S 65-37-42 E		422.62
437	777802.345	2284756.861	S 72-57-08 E		185.01
438	777748.109	2284933.793			

POINT No.	NORTHING	EASTING	BEARING	DISTANCE
(Ref.) 441	777747.781	2282832.792	S 57-46-52' E	198.89
(Ref.) 442	777641.747	2283001.052	S 40-14-30' E	91.81
(Ref.) 443	777571.666	2283060.363	S 66-19-29' E	646.07
(Ref.) 444	777333.043	2283660.749	N 83-35-28' E	753.910
(Ref.) 447	777417.197	2284409.947		

Corner Disturbed  
Pipe Bent  
Did not reset  
I.P. w/cap  
Map # C-20-B

26 25  
35 36

N 776910.134  
E 2282775.946

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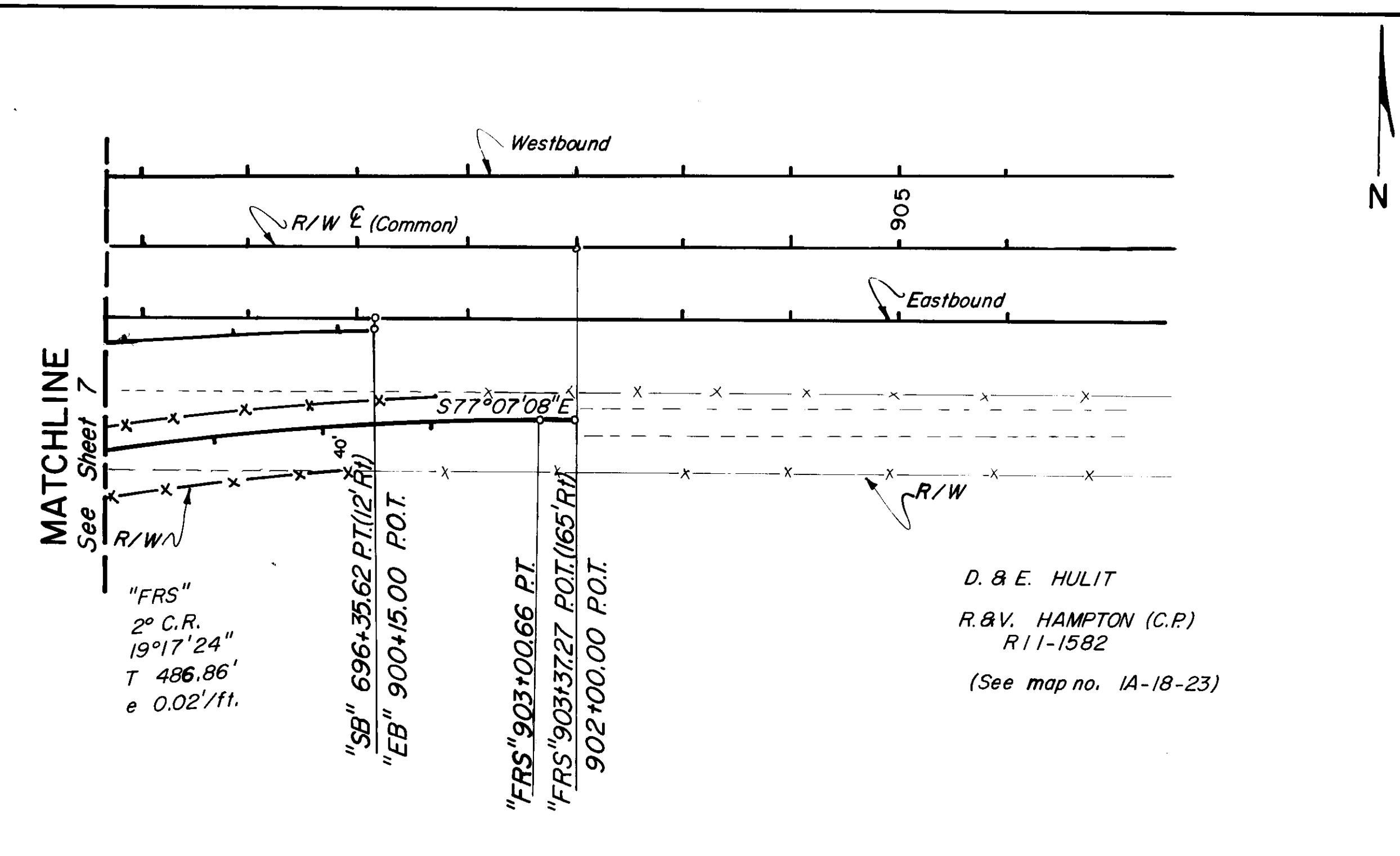
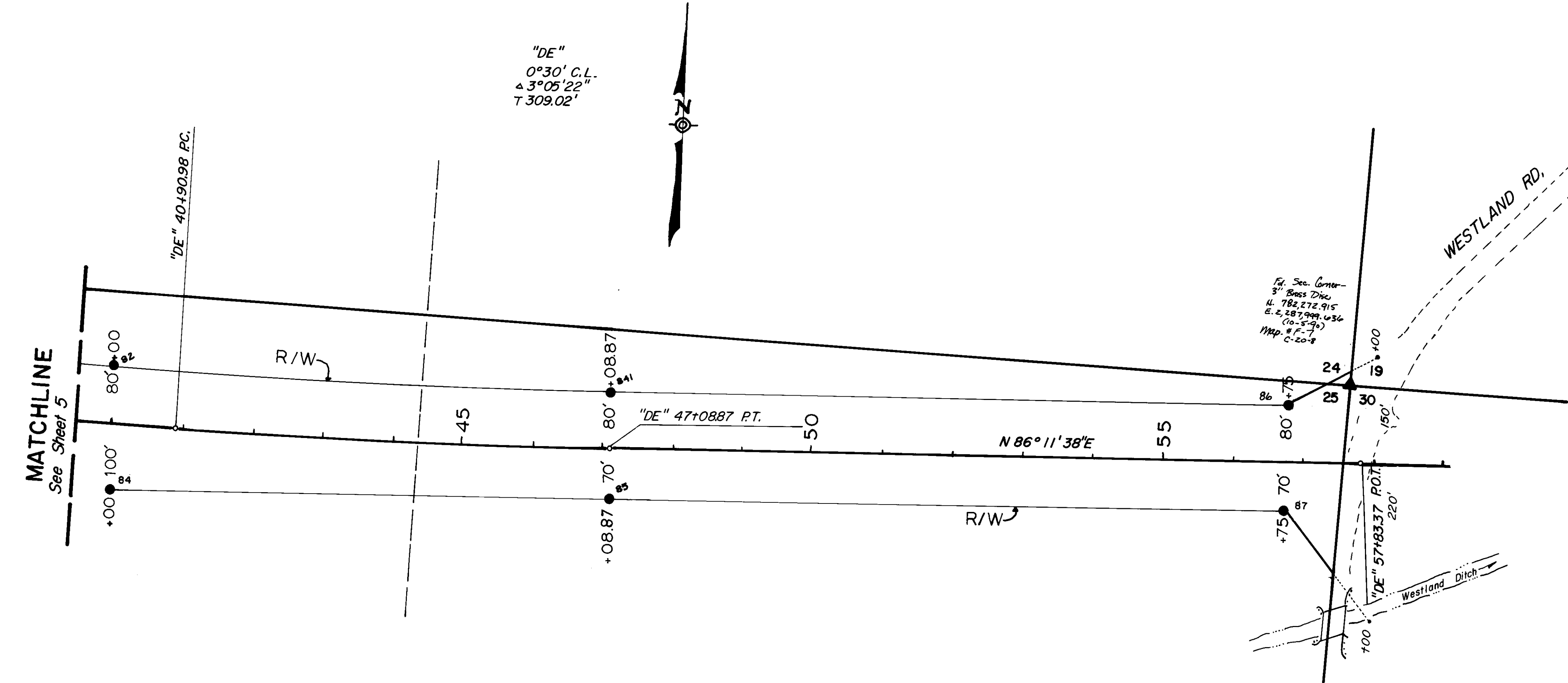
BRIDGE ROAD-OLD OREGON TRAIL HWY SECTION McNary Hwy ( I-82 ) Umatilla County				JHFEI No <b>9</b>
FED ROAD Div. No	STATE	PROJECT NUMBER	FISCAL YEAR	TOTAL SHEETS
10	OREGON			See Index

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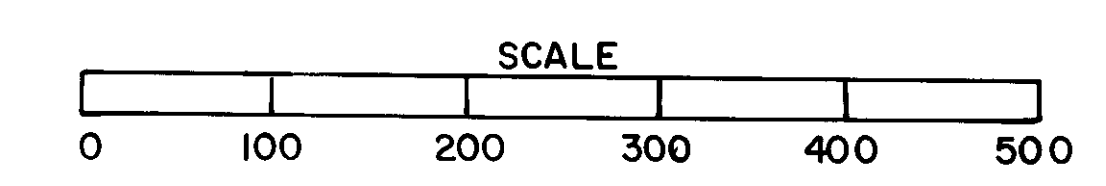
*Walter R. Sullivan*

OREGON  
WALTER R. SULLIVAN  
OCT. 6, 1979  
#1746

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



POINT No.	NORTHING	EASTING	BEARING	DISTANCE
82	782146.622	2286242.937	N 87-56-17 E	704.453
84	782171.969	2286946.936	N 86-11-38 E	966.13
86	782256.101	2287910.935		
84	781966.636	2286245.190	N 85-31-41 E	713.876
85	782022.299	2286956.893	N 86-11 38 E	966.13
87	782086.431	2287920.892		



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