

# RECORD OF SURVEY FOR BENTON COUNTY

LOCATED IN THE ISAAC NEWTON D.L.C. NO. 37 IN THE NE 1/4 OF SEC. 1, T. 12 S., R. 6 W. AND THE ISAAC NEWTON D.L.C. NO. 70, AND THE ABATHER NEWTON D.L.C. NO. 42 IN THE NORTH 1/2 OF SEC. 6, T. 12 S., R. 5 W., W. M.

BENTON COUNTY, OREGON

JUNE 3, 1986

Benton County  
Surveyor's Office

C.S. 7818  
PLNG DATE: 6-30-1986  
PRE-22 24" x 36" - 276  
P.M.D.

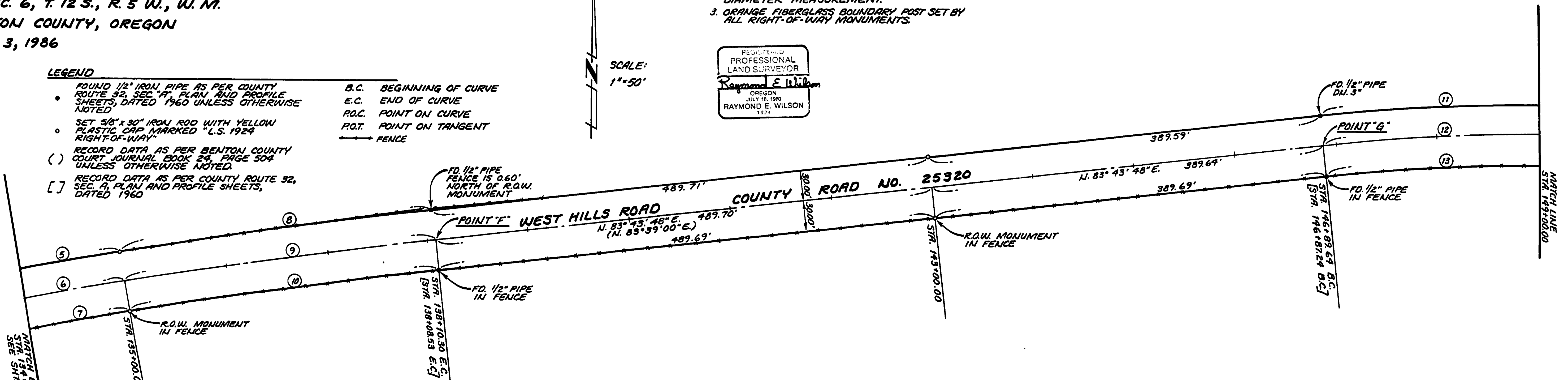
- NOTES:
1. ALL STATIONS ARE CENTERLINE STATIONING.
  2. ALL PIPE DIMENSIONS ARE INSIDE DIAMETER MEASUREMENT.
  3. ORANGE FIBERGLASS BOUNDARY POST SET BY ALL RIGHT-OF-WAY MONUMENTS.

REGISTERED  
PROFESSIONAL  
LAND SURVEYOR  
**Raymond E. Wilson**  
OREGON  
JULY 18, 1980  
RAYMOND E. WILSON  
1972

SCALE:  
1"=50'

**LEGEND**

- FOUND 1/2" IRON PIPE AS PER COUNTY ROUTE 32, SEC. 8, PLAN AND PROFILE SHEETS, DATED 1960 UNLESS OTHERWISE NOTED
  - SET 5/8" x 30" IRON ROD WITH YELLOW PLASTIC CAP MARKED "L.S. 1924 RIGHT-OF-WAY"
  - RECORD DATA AS PER BENTON COUNTY COURT JOURNAL BOOK 24, PAGE 504 UNLESS OTHERWISE NOTED.
  - RECORD DATA AS PER COUNTY ROUTE 32, SEC. 8, PLAN AND PROFILE SHEETS, DATED 1960
- B.C. BEGINNING OF CURVE
  - E.C. END OF CURVE
  - P.O.C. POINT ON CURVE
  - P.O.T. POINT ON TANGENT
  - FENCE

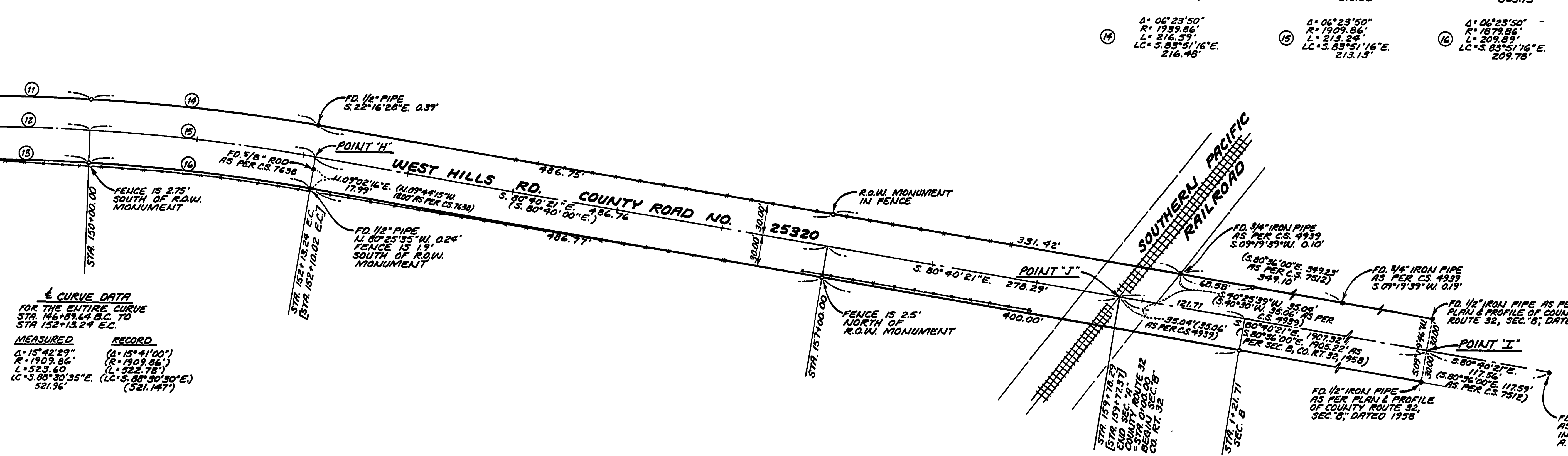


**CURVE DATA**  
FOR THE ENTIRE CURVE  
STA 137+36.33 B.C. TO  
STA 138+10.30 E.C.

MEASURED	RECORD
$\Delta = 08^{\circ}44'01''$	$(\Delta = 08^{\circ}44'00'')$
$R = 5729.58'$	$(R = 5729.58')$
$L = 673.37'$	$(L = 673.33')$
$LC = N. 80^{\circ}20'55'' E.$	$(LC = N. 80^{\circ}17'00'' E.)$
672.98	(672.95')

**CURVE DATA TABLE**

5	$\Delta = 03^{\circ}37'50''$ $R = 5729.58'$ $L = 364.97'$ $LC = N. 78^{\circ}47'49'' E.$ 364.91'	6	$\Delta = 03^{\circ}37'50''$ $R = 5729.58'$ $L = 363.07'$ $LC = N. 78^{\circ}47'49'' E.$ 363.01'	7	$\Delta = 03^{\circ}37'50''$ $R = 5699.58'$ $L = 361.17'$ $LC = N. 78^{\circ}47'49'' E.$ 361.11'
8	$\Delta = 03^{\circ}06'11''$ $R = 5729.58'$ $L = 311.93'$ $LC = N. 82^{\circ}09'50'' E.$ 311.89'	9	$\Delta = 03^{\circ}06'11''$ $R = 5729.58'$ $L = 310.30'$ $LC = N. 82^{\circ}09'50'' E.$ 310.26'	10	$\Delta = 03^{\circ}06'11''$ $R = 5699.58'$ $L = 308.68'$ $LC = N. 82^{\circ}09'50'' E.$ 308.64'
11	$\Delta = 09^{\circ}18'39''$ $R = 1909.86'$ $L = 315.24'$ $LC = N. 88^{\circ}17'30'' E.$ 314.89'	12	$\Delta = 09^{\circ}18'39''$ $R = 1909.86'$ $L = 310.36'$ $LC = N. 88^{\circ}17'30'' E.$ 310.02'	13	$\Delta = 09^{\circ}18'39''$ $R = 1879.86'$ $L = 305.49'$ $LC = N. 88^{\circ}17'30'' E.$ 305.15'
14	$\Delta = 06^{\circ}23'50''$ $R = 1909.86'$ $L = 216.59'$ $LC = S. 83^{\circ}51'16'' E.$ 216.48'	15	$\Delta = 06^{\circ}23'50''$ $R = 1909.86'$ $L = 213.24'$ $LC = S. 83^{\circ}51'16'' E.$ 213.13'	16	$\Delta = 06^{\circ}23'50''$ $R = 1879.86'$ $L = 209.89'$ $LC = S. 83^{\circ}51'16'' E.$ 209.78'



**CURVE DATA**  
FOR THE ENTIRE CURVE  
STA 146+89.64 B.C. TO  
STA 152+13.24 E.C.

MEASURED	RECORD
$\Delta = 15^{\circ}42'29''$	$(\Delta = 15^{\circ}41'00'')$
$R = 1909.86'$	$(R = 1909.86')$
$L = 523.60'$	$(L = 522.78')$
$LC = S. 88^{\circ}30'35'' E.$	$(LC = S. 88^{\circ}30'30'' E.)$
521.96'	(521.147')

# RECORD OF SURVEY FOR BENTON COUNTY

LOCATED IN THE ISAAC NEWTON D.L.C. NO. 37 IN THE NE 1/4 OF SEC. 1, T. 12 S., R. 6 W. AND THE ISAAC NEWTON D.L.C. NO. 70, AND THE ABIAATHER NEWTON D.L.C. NO. 42 IN THE NORTH 1/2 OF SEC. 6, T. 12 S., R. 5 W., W. M.

BENTON COUNTY, OREGON  
JUNE 3, 1986

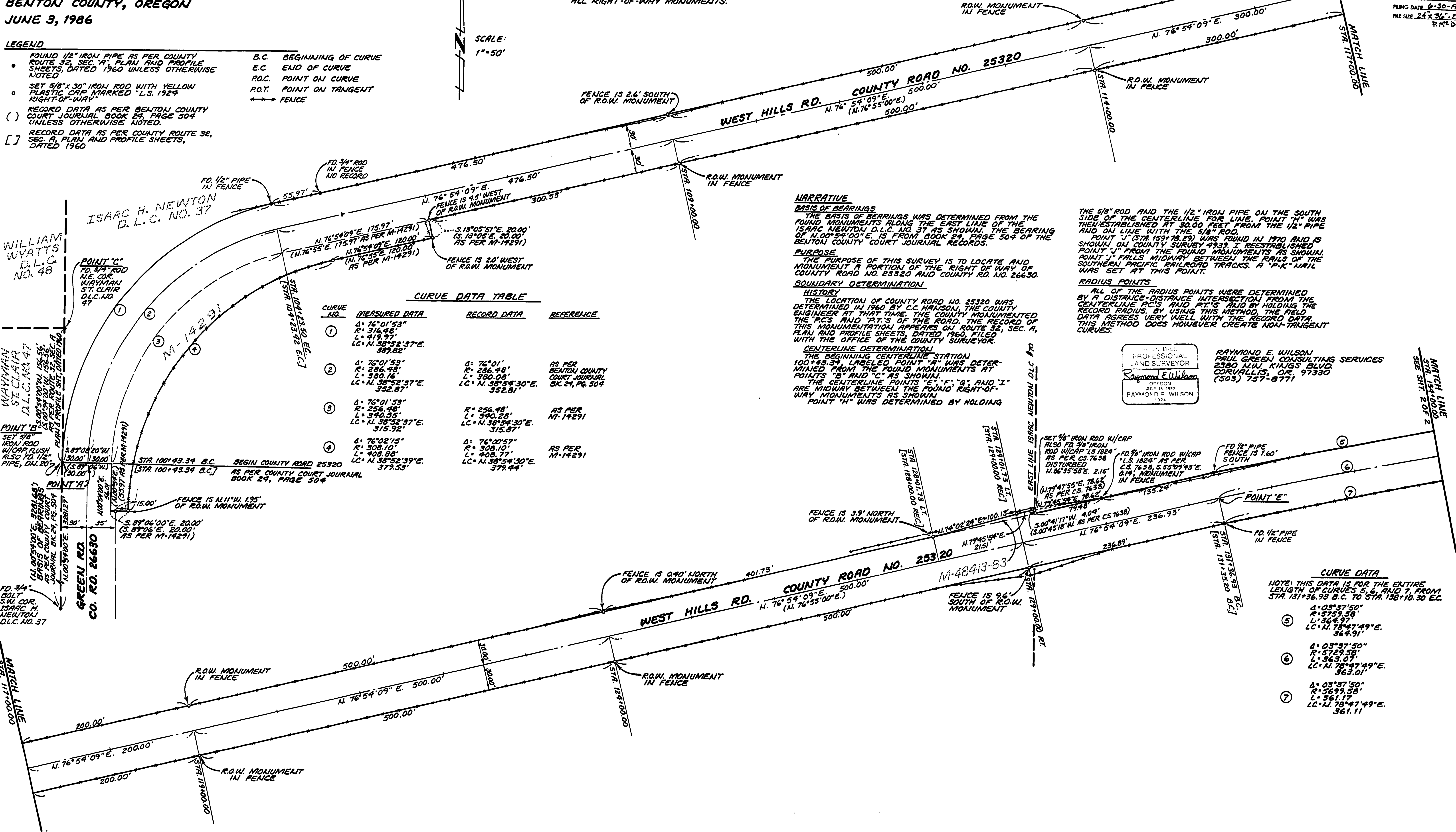
Benton County  
Surveyor's Office

C.S. FILE NO. 7818  
FILING DATE 6-30-1986  
FILE SIZE 24 X 36 - 2 PG.  
P.M.D.

- LEGEND**
- FOUND 1/2" IRON PIPE AS PER COUNTY ROUTE 32, SEC. A, PLAN AND PROFILE SHEETS, DATED 1960 UNLESS OTHERWISE NOTED
  - SET 5/8" x 30" IRON ROD WITH YELLOW PLASTIC CAP MARKED "L.S. 1924" RIGHT-OF-WAY
  - RECORD DATA AS PER BENTON COUNTY COURT JOURNAL BOOK 24, PAGE 504 UNLESS OTHERWISE NOTED.
  - RECORD DATA AS PER COUNTY ROUTE 32, SEC. A, PLAN AND PROFILE SHEETS, DATED 1960
- B.C.** BEGINNING OF CURVE  
**E.C.** END OF CURVE  
**P.O.C.** POINT ON CURVE  
**P.O.T.** POINT ON TANGENT  
**\*\*\*** FENCE

- NOTES:**
- ALL STATIONS ARE CENTERLINE STATIONING.
  - ALL PIPE DIMENSIONS ARE INSIDE DIAMETER MEASUREMENT.
  - ORANGE FIBERGLASS BOUNDARY POST SET BY ALL RIGHT-OF-WAY MONUMENTS.

SCALE:  
1" = 50'



**CURVE DATA TABLE**

CURVE NO.	MEASURED DATA	RECORD DATA	REFERENCE
1	Δ: 76°01'53" R: 316.48' L: 419.97' LC: N. 38°52'37"E. 389.82'		
2	Δ: 76°01'53" R: 286.48' L: 380.16' LC: N. 38°52'37"E. 352.87'	Δ: 76°01' R: 286.48' L: 380.08' LC: N. 38°54'30"E. 352.81'	AS PER BENTON COUNTY COURT JOURNAL BK. 24, Pg. 504
3	Δ: 76°01'53" R: 256.48' L: 340.35' LC: N. 38°52'37"E. 315.92'	R: 256.48' L: 340.28' LC: N. 38°54'30"E. 315.87'	AS PER M-14291
4	Δ: 76°02'15" R: 508.10' L: 408.58' LC: N. 38°52'39"E. 379.53'	Δ: 76°00'57" R: 508.10' L: 408.77' LC: N. 38°54'30"E. 379.44'	AS PER M-14291

**NARRATIVE**

**BASIS OF BEARINGS**  
THE BASIS OF BEARINGS WAS DETERMINED FROM THE FOUND MONUMENTS ALONG THE EAST LINE OF THE ISAAC NEWTON D.L.C. NO. 37 AS SHOWN. THE BEARING OF N. 00°54'00"E. IS FROM BOOK 24, PAGE 504 OF THE BENTON COUNTY COURT JOURNAL RECORDS.

**PURPOSE**  
THE PURPOSE OF THIS SURVEY IS TO LOCATE AND MONUMENT A PORTION OF THE RIGHT OF WAY OF COUNTY ROAD NO. 25320 AND COUNTY RD. NO. 26630.

**BOUNDARY DETERMINATION**  
**HISTORY**  
THE LOCATION OF COUNTY ROAD NO. 25320 WAS DETERMINED IN 1960 BY C.C. HANSON, THE COUNTY ENGINEER AT THAT TIME. THE COUNTY MONUMENTED THE P.C.'S AND P.T.'S OF THE ROAD. THE RECORD OF THIS MONUMENTATION APPEARS ON ROUTE 32, SEC. A, PLAN AND PROFILE SHEETS, DATED 1960, FILED WITH THE OFFICE OF THE COUNTY SURVEYOR.

**CENTERLINE DETERMINATION**  
THE BEGINNING CENTERLINE STATION 100+43.34 LABELED POINT "A" WAS DETERMINED FROM THE FOUND MONUMENTS AT POINTS "B" AND "C" AS SHOWN. THE CENTERLINE POINTS "E", "F", "G", AND "I" ARE MIDWAY BETWEEN THE FOUND RIGHT-OF-WAY MONUMENTS AS SHOWN. POINT "H" WAS DETERMINED BY HOLDING

THE 5/8" ROD AND THE 1/2" IRON PIPE ON THE SOUTH SIDE OF THE CENTERLINE FOR LINE. POINT "H" WAS THEN ESTABLISHED AT 30.00 FEET FROM THE 1/2" PIPE AND ON LINE WITH THE 5/8" ROD. POINT "I" (STA. 131+78.29) WAS FOUND IN 1970 AND IS SHOWN ON COUNTY SURVEY 4939. IT REESTABLISHED POINT "J" FROM THE FOUND MONUMENTS AS SHOWN. POINT "J" FALLS MIDWAY BETWEEN THE RAILS OF THE SOUTHERN PACIFIC RAILROAD TRACKS. A "P.K." NAIL WAS SET AT THIS POINT.

**RADIUS POINTS**  
ALL OF THE RADIUS POINTS WERE DETERMINED BY A DISTANCE-DISTANCE INTERSECTION FROM THE CENTERLINE P.C.'S AND P.T.'S AND BY HOLDING THE RECORDED RADII. BY USING THIS METHOD, THE FIELD DATA AGREES VERY WELL WITH THE RECORD DATA. THIS METHOD DOES HOWEVER CREATE NON-TANGENT CURVES.

RAYMOND E. WILSON  
PROFESSIONAL LAND SURVEYOR  
CR. 1000  
JULY 18 1986  
RAYMOND E. WILSON  
1924

RAYMOND E. WILSON  
PAUL GREEN CONSULTING SERVICES  
2380 ALVA KINGS BLVD  
CORVALLIS, OR 97330  
(503) 757-8771

**CURVE DATA**

NOTE: THIS DATA IS FOR THE ENTIRE LENGTH OF CURVES 5, 6, AND 7 FROM STA. 131+36.93 B.C. TO STA. 138+10.30 E.C.

5	Δ: 03°37'50" R: 5759.58' L: 363.07' LC: N. 78°47'49"E. 364.91'
6	Δ: 03°37'50" R: 5729.58' L: 363.07' LC: N. 78°47'49"E. 363.01'
7	Δ: 03°37'50" R: 5699.58' L: 361.17' LC: N. 78°47'49"E. 361.11'