

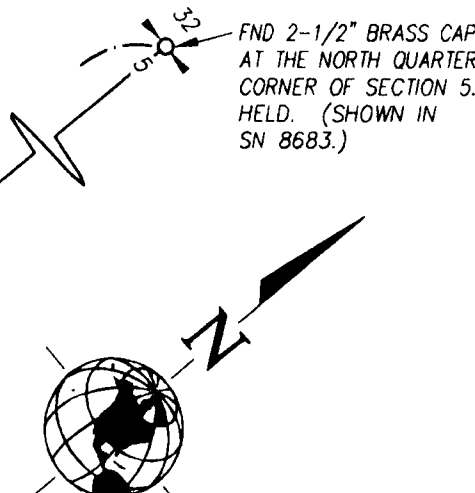
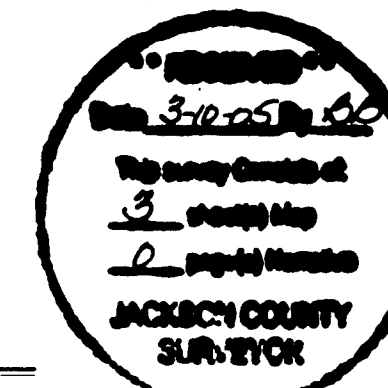


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RECORD OF SURVEY FOR JACKSON COUNTY

IN THE NORTHEAST, NORTHWEST, SOUTHWEST, AND SOUTHEAST QUARTERS OF SECTION 5,
TOWNSHIP 40 SOUTH, RANGE 3 WEST OF THE WILLAMETTE MERIDIAN
IN JACKSON COUNTY, OREGON

SCALE: 1" = 100' FEBRUARY 25, 2005



MONUMENT TABLE

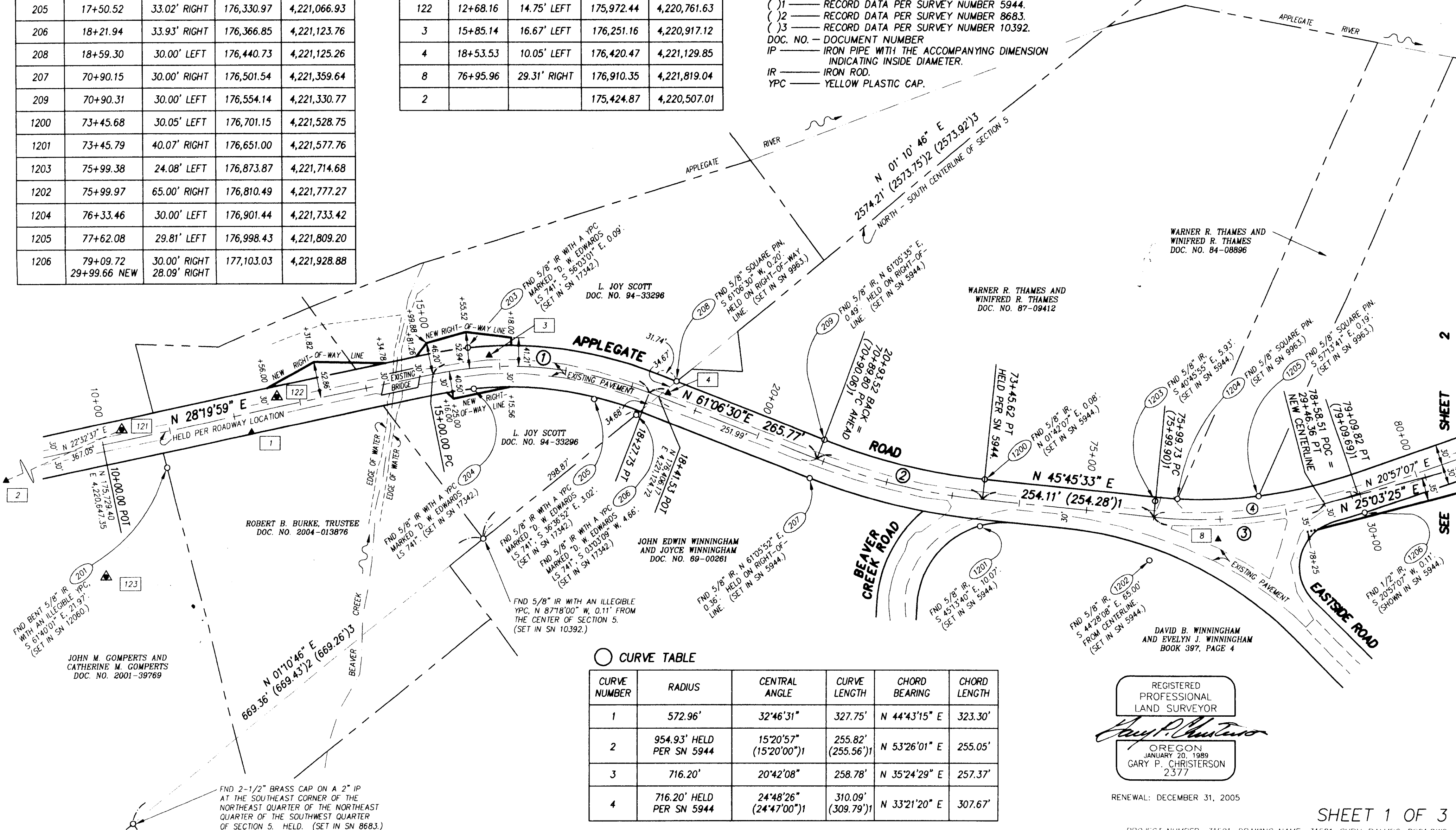
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
201	10+85.10	51.97' RIGHT	175,779.64	4,220,733.48
203	15+56.17	29.91' LEFT	176,234.26	4,220,888.87
204	15+58.66	30.00' RIGHT	176,202.76	4,220,939.89
205	17+50.52	33.02' RIGHT	176,330.97	4,221,066.93
206	18+21.94	33.93' RIGHT	176,366.85	4,221,123.76
208	18+59.30	30.00' LEFT	176,440.73	4,221,125.26
207	70+90.15	30.00' RIGHT	176,501.54	4,221,359.64
209	70+90.31	30.00' LEFT	176,554.14	4,221,330.77
1200	73+45.68	30.05' LEFT	176,701.15	4,221,528.75
1201	73+45.79	40.07' RIGHT	176,651.00	4,221,577.76
1203	75+99.38	24.08' LEFT	176,873.87	4,221,714.68
1202	75+99.97	65.00' RIGHT	176,810.49	4,221,777.27
1204	76+33.46	30.00' LEFT	176,901.44	4,221,733.42
1205	77+62.08	29.81' LEFT	176,998.43	4,221,809.20
1206	79+09.72 29+99.66 NEW	30.00' RIGHT 28.09' RIGHT	177,103.03	4,221,928.88

CONTROL TABLE

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
123	9+65.42	192.30' RIGHT	175,607.70	4,220,800.20
121	10+30.53	16.02' LEFT	175,763.88	4,220,647.74
1	12+20.97	26.87' RIGHT	175,911.15	4,220,775.87
122	12+68.16	14.75' LEFT	175,972.44	4,220,761.63
3	15+85.14	16.67' LEFT	176,251.16	4,220,917.12
4	18+53.53	10.05' LEFT	176,420.47	4,221,129.85
8	76+95.96	29.31' RIGHT	176,910.35	4,221,819.04
2			175,424.87	4,220,507.01

LEGEND

- — MONUMENT FOUND AS NOTED.
- ▲ — SET A 5/8" X 30" IRON ROD WITH A RED PLASTIC CAP MARKED "W&H PACIFIC CONTROL" AS A CONTROL POINT.
- ▲ — SET SPIKE AS A CONTROL POINT.
- ②00 — MONUMENT POINT NUMBER.
- ① — CONTROL POINT NUMBER.
- ① — CURVE NUMBER.
- ()1 — RECORD DATA PER SURVEY NUMBER 5944.
- ()2 — RECORD DATA PER SURVEY NUMBER 8683.
- ()3 — RECORD DATA PER SURVEY NUMBER 10392.
- DOC. NO. — DOCUMENT NUMBER
- IP — IRON PIPE WITH THE ACCOMPANYING DIMENSION INDICATING INSIDE DIAMETER.
- IR — IRON ROD.
- YPC — YELLOW PLASTIC CAP.

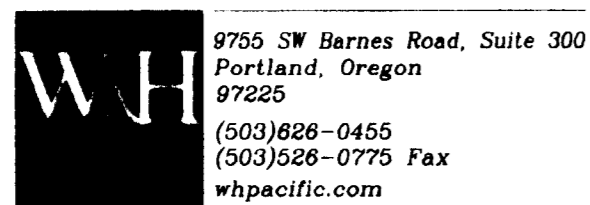


CURVE TABLE

CURVE NUMBER	RADIUS	CENTRAL ANGLE	CURVE LENGTH	CHORD BEARING	CHORD LENGTH
1	572.96'	32°46'31"	327.75'	N 44°43'15" E	323.30'
2	954.93' HELD PER SN 5944	15°20'57" (15°20'00")1	255.82' (255.56')1	N 53°26'01" E	255.05'
3	716.20'	20°42'08"	258.78'	N 35°24'29" E	257.37'
4	716.20' HELD PER SN 5944	24°48'26" (24°47'00")1	310.09' (309.79')1	N 33°21'20" E	307.67'

REGISTERED PROFESSIONAL LAND SURVEYOR
Gary P. Christerson
OREGON
JANUARY 20, 1989
GARY P. CHRISTERSON
2377

RENEWAL: DECEMBER 31, 2005



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RECORD OF SURVEY
FOR JACKSON COUNTY
IN THE NORTHEAST, NORTHWEST, SOUTHWEST, AND SOUTHEAST QUARTERS OF SECTION 5,
TOWNSHIP 40 SOUTH, RANGE 3 WEST OF THE WILLAMETTE MERIDIAN
IN JACKSON COUNTY, OREGON
FEBRUARY 25, 2005



RENEWAL: DECEMBER 31, 2005

NARRATIVE

1. THE PURPOSE OF THIS SURVEY IS TO SHOW THE EXISTING RIGHT-OF-WAY OF APPLGATE ROAD AND THE NEW RIGHT-OF-WAY THAT WAS ACQUIRED IN PREPARATION FOR RECONSTRUCTION OF BRIDGE CROSSINGS OVER BEAVER CREEK AND APPLGATE RIVER. IN ADDITION, THE INTENT IS TO DOCUMENT THE LOCATION OF EXISTING MONUMENTS THAT MAY BE DISTURBED OR DESTROYED DURING CONSTRUCTION.
2. THE BASIS OF BEARING WAS DETERMINED BY HOLDING A LOCAL PLANE DATUM CONVERTED FROM THE 1983/98 OREGON STATE PLANE COORDINATE SYSTEM, SOUTH ZONE BY MULTIPLYING BY A SCALE FACTOR OF 1.00009406. THESE COORDINATES ARE DETERMINED BY HOLDING A 4" BRASS CAP IN CONCRETE MARKED "OREGON PRIMARY NGS GPS STATION ASH" WITH A NATIONAL GEODETIC SURVEY DESIGNATION OF "ASH" AND A PERMANENT IDENTIFIER OF "NZ1326". THE LOCAL PLANE DATUM COORDINATE IS A NORTHING OF 207,982.76 AND AN EASTING OF 4,323,842.06. A 4-1/4" BRASS CAP IN CONCRETE MARKED "N.G.S. OREGON PRIMARY G.P.S. STATION JUSTICE 1989" WITH A NATIONAL GEODETIC SURVEY DESIGNATION OF "JUSTICE" AND A PERMANENT IDENTIFIER OF "NZ1325" IS ALSO HELD. THE LOCAL PLANE DATUM COORDINATE IS A NORTHING OF 248,208.34 AND AN EASTING OF 4,278,939.63. THE COURSE BETWEEN THESE POINTS IS NORTH 48°08'41" WEST, 60285.37 FEET. THE UNITS ARE IN STANDARD INTERNATIONAL FEET.
3. A FALLING SHOWN TO A MONUMENT IS PERPENDICULAR TO THE RIGHT-OF-WAY LINE UNLESS THE MONUMENT IS NEAR AN ANGLE POINT OR A POINT OF CURVATURE, IN WHICH CASE IT IS SHOWN RADIAL FROM THIS POINT TO THE MONUMENT.
4. THE EXISTING RIGHT-OF-WAY ALIGNMENT NORTHEASTERLY OF STATION 20+93.52 BACK, WHICH EQUALS 70+89.80 AHEAD, IS HELD AT A BEST FIT WITH MONUMENTS SHOWN IN SURVEY NUMBER 5944. THE STATIONING ALONG THIS AREA IS ESTABLISHED BY HOLDING A STATION OF 73+45.62 AT THE POINT OF TANGENCY AS SHOWN IN SURVEY NUMBER 5944.
5. THE RIGHT-OF-WAY CENTERLINE CURVE NUMBER 2 IS EXTENDED BEYOND THE MONUMENTS FOUND AT POINT NUMBERS 207 AND 209 TO RESULT IN A TANGENT CENTERLINE THAT IS 30.00 FEET, SOUTHEASTERLY FROM THE MONUMENT AT POINT NUMBER 208. THE MONUMENTS AT POINT NUMBERS 207 AND 209 ARE 5/8" IRON RODS THAT WERE SET IN SURVEY NUMBER 5944. THE MONUMENT AT POINT NUMBER 208 IS A 5/8" SQUARE PIN THAT WAS SET IN SURVEY NUMBER 9963. THE RIGHT-OF-WAY CENTERLINE CURVE NUMBER 1 AND THE TANGENT THAT EXTENDS SOUTHWESTERLY FROM CURVE NUMBER 1 IS HELD AT A BEST FIT OF THE EXISTING ROADWAY. THE RESULTING RIGHT-OF-WAY FITS WELL WITH THE 5/8" IRON RODS SET IN SURVEY NUMBER 17342 AT POINT NUMBERS 203 AND 204. THE STATIONING THAT IS SOUTHWESTERLY FROM STATION 20+93.52 BACK, WHICH EQUALS 70+89.80 AHEAD IS HELD AT A RANDOM BASIS.

REFERENCES

SURVEY NUMBER 2054
SURVEY NUMBER 5944
SURVEY NUMBER 6389
SURVEY NUMBER 8683
SURVEY NUMBER 9963
SURVEY NUMBER 10392
SURVEY NUMBER 12060
SURVEY NUMBER 13306
SURVEY NUMBER 14445
SURVEY NUMBER 15970
SURVEY NUMBER 17342



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 IN JACKSON COUNTY, OREGON

SCALE: 1" = 100' FEBRUARY 25, 2005

REGISTERED
 PROFESSIONAL
 LAND SURVEYOR
Gary P. Christerson
 OREGON
 JANUARY 20, 1989
 GARY P. CHRISTERSON
 2377

RENEWAL: DECEMBER 31, 2005

MONUMENT TABLE

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
1206	79+09.72 29+99.66 NEW	30.00' RIGHT 28.09' RIGHT	177,103.03	4,221,928.88
1207	84+80.55 35+68.69 NEW	30.00' LEFT 64.86' LEFT	177,657.58	4,222,076.97
1306	88+45.38 39+32.05 NEW	16.45' RIGHT 17.56' LEFT	177,997.60	4,222,255.45
1209	88+95.39 39+87.29 NEW	67.94' LEFT 96.01' LEFT	178,065.43	4,222,209.04
1208	88+95.49 39+77.60 NEW	30.03' RIGHT 1.40' RIGHT	178,012.19	4,222,291.29
1211	89+89.66 40+66.31 NEW	29.99' RIGHT 12.87' RIGHT	178,081.04	4,222,346.26
1210	89+89.66 40+74.09 NEW	29.93' LEFT 46.51' LEFT	178,122.87	4,222,303.37
1212	91+89.69	30.00' LEFT	178,249.09	4,222,466.03
1213	96+36.67	30.00' LEFT	178,497.39	4,222,837.70
1214	96+36.73	30.00' RIGHT	178,447.53	4,222,871.08
1215	98+30.03	30.00' RIGHT	178,517.65	4,223,037.20
1216	100+72.84	30.00' RIGHT	178,565.37	4,223,275.92
1217	100+72.84	30.00' LEFT	178,624.04	4,223,263.56

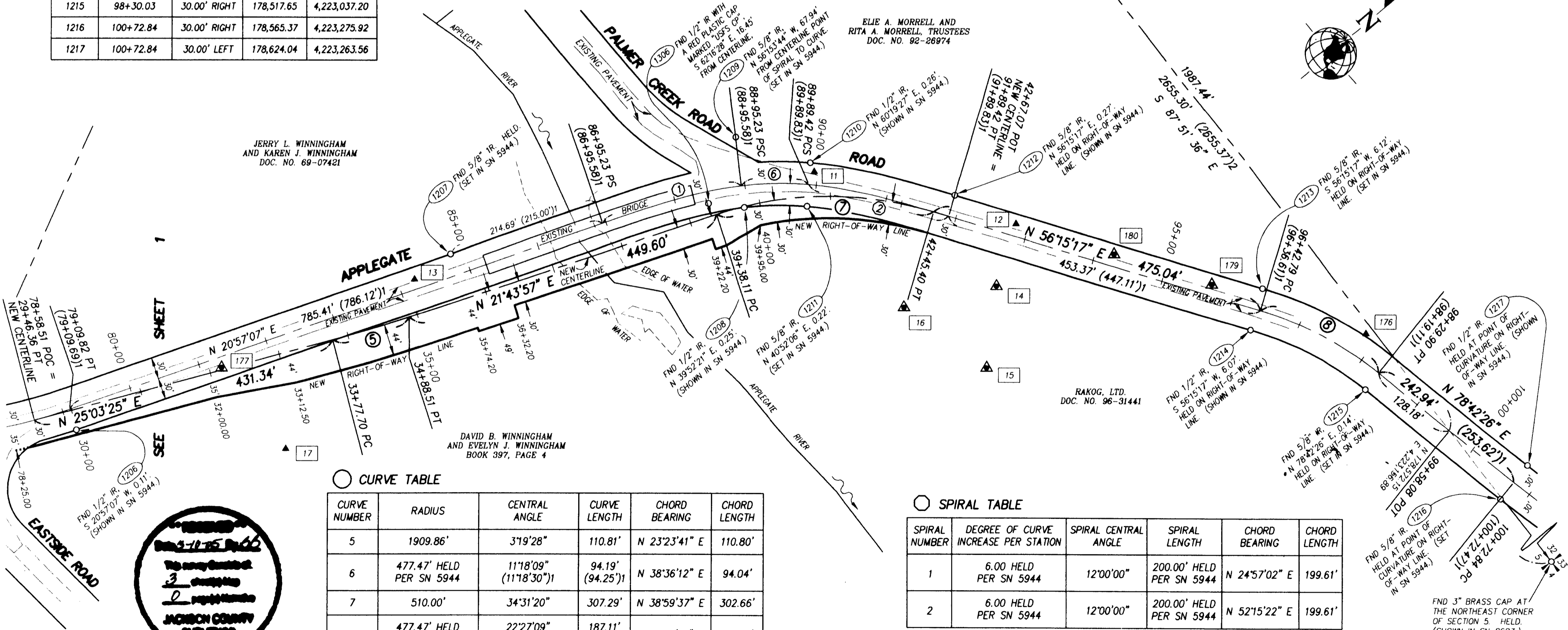
CONTROL TABLE

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
177	81+28.55 32+16.82 NEW	14.44' RIGHT 3.09' LEFT	177,312.96	4,221,992.60
17	81+77.53 32+75.40 NEW	150.25' RIGHT 128.86' RIGHT	177,310.15	4,222,136.94
13	84+22.86 35+11.23 NEW	13.69' LEFT 47.77' LEFT	177,597.87	4,222,071.57
11	89+95.89 40+78.71 NEW	18.20' LEFT 34.04' LEFT	178,119.29	4,222,316.31
16	91+64.98 42+42.20 NEW	136.76' RIGHT 136.78' RIGHT	178,096.92	4,222,538.49
14	92+80.09	72.42' RIGHT	178,214.14	4,222,598.09
12	92+82.36	16.70' LEFT	178,289.51	4,222,550.48
15	92+99.08	185.14' RIGHT	178,130.97	4,222,676.50
180	94+25.89	16.09' LEFT	178,368.74	4,222,670.17
179	95+67.20	15.11' LEFT	178,446.41	4,222,788.20
176	97+84.90	33.54' LEFT	178,568.30	4,222,977.92

FND 2-1/2" BRASS CAP
 AT THE NORTH QUARTER
 CORNER OF SECTION 5.
 HELD. (SHOWN IN
 SN 8683.)

LEGEND

- — MONUMENT FOUND AS NOTED.
- ▲ — SET A 5/8" X 30" IRON ROD WITH A RED PLASTIC CAP MARKED "W&H PACIFIC CONTROL" AS A CONTROL POINT.
- ▲ — SET SPIKE AS A CONTROL POINT.
- ②00 — MONUMENT POINT NUMBER.
- ① — CONTROL POINT NUMBER.
- ① — CURVE NUMBER.
- ① — SPIRAL NUMBER.
- (1) — RECORD DATA PER SURVEY NUMBER 5944.
- (2) — RECORD DATA PER SURVEY NUMBER 8683.
- DOC. NO. — DOCUMENT NUMBER
- IR — IRON ROD.



CURVE TABLE

CURVE NUMBER	RADIUS	CENTRAL ANGLE	CURVE LENGTH	CHORD BEARING	CHORD LENGTH
5	1909.86'	3°19'28"	110.81'	N 23°23'41" E	110.80'
6	477.47' HELD PER SN 5944	11°18'09" (11°18'30") ¹	94.19' (94.25') ¹	N 38°36'12" E	94.04'
7	510.00'	34°31'20"	307.29'	N 38°59'37" E	302.66'
8	477.47' HELD PER SN 5944	22°27'09" (21°54'00") ¹	187.11' (182.50') ¹	N 67°28'51" E	185.91'

SPIRAL TABLE

SPIRAL NUMBER	DEGREE OF CURVE INCREASE PER STATION	SPIRAL CENTRAL ANGLE	SPIRAL LENGTH	CHORD BEARING	CHORD LENGTH
1	6.00 HELD PER SN 5944	12°00'00"	200.00' HELD PER SN 5944	N 24°57'02" E	199.61'
2	6.00 HELD PER SN 5944	12°00'00"	200.00' HELD PER SN 5944	N 52°15'22" E	199.61'

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