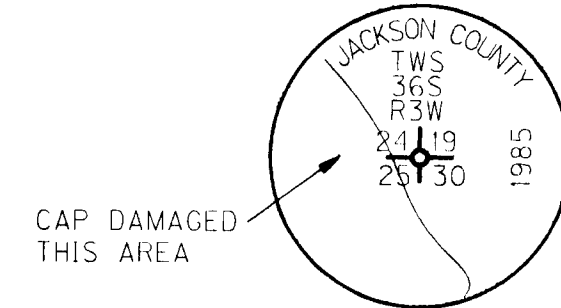
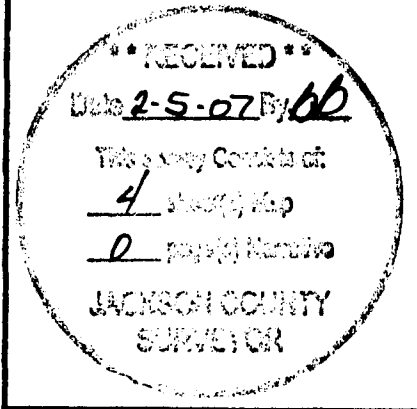
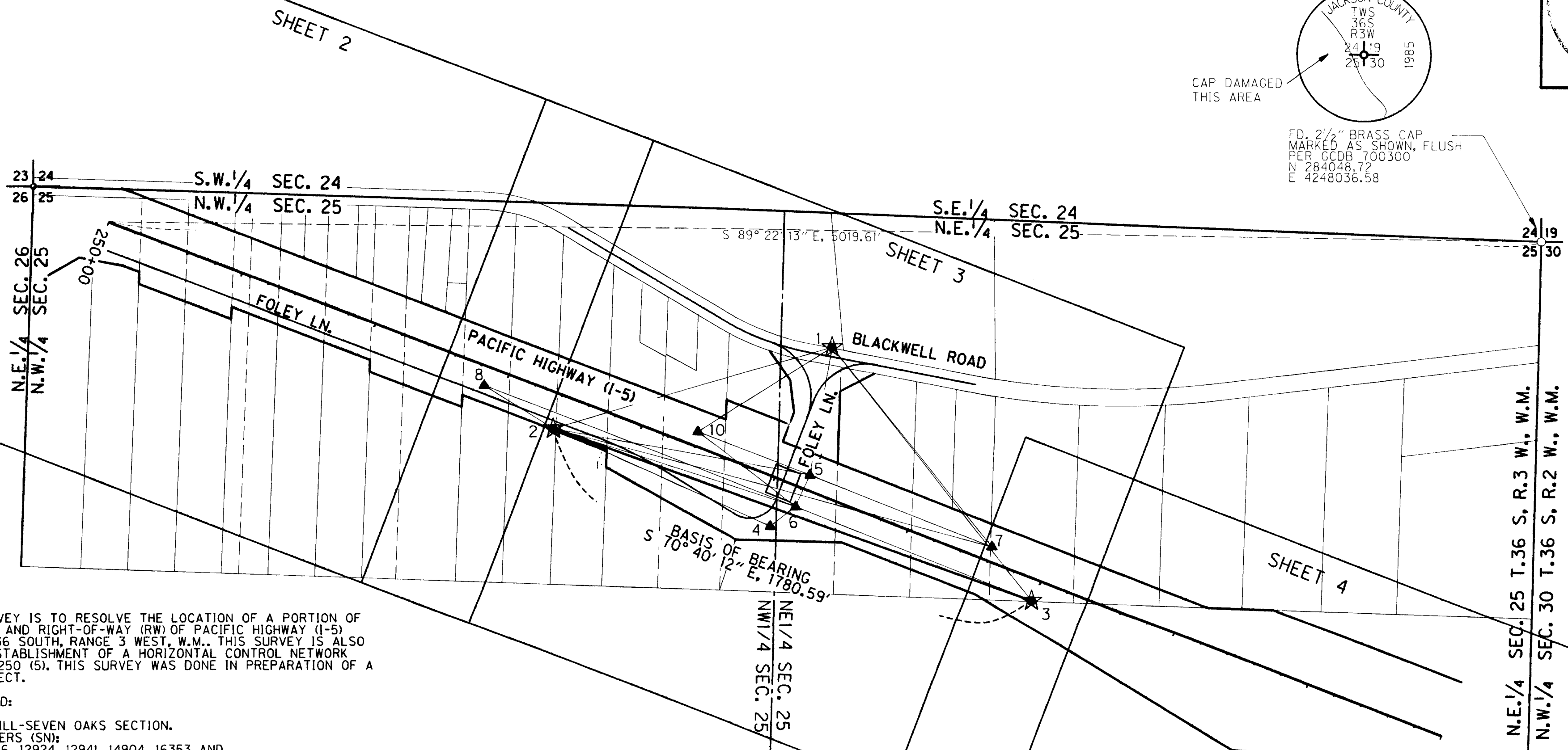




N.W. 1/4 SEC. 25 T. 36 S., R. 3 W., W.M.
N.E. 1/4 SEC. 25 T. 36 S., R. 3 W., W.M.



FD. 2 1/2" BRASS CAP MARKED AS SHOWN, FLUSH PER GCDB 700300 N 284048.72 E 4248036.58



NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO RESOLVE THE LOCATION OF A PORTION OF THE EXISTING CENTER LINE AND RIGHT-OF-WAY (RW) OF PACIFIC HIGHWAY (I-5) IN SECTION 25, TOWNSHIP 36 SOUTH, RANGE 3 WEST, W.M.. THIS SURVEY IS ALSO USED TO DOCUMENT THE ESTABLISHMENT OF A HORIZONTAL CONTROL NETWORK AS REQUIRED BY ORS. 209.250 (5). THIS SURVEY WAS DONE IN PREPARATION OF A BRIDGE REPLACEMENT PROJECT.

REFERENCE DOCUMENTS USED:

ODOT:
DRG 7B-22-9, BLACKWELL HILL-SEVEN OAKS SECTION.
COUNTY SURVEY FILE NUMBERS (SN):
4876, 7089, 7951, 7972, 9406, 12924, 12941, 14904, 16353 AND
SUBDIVISION PLAT "HAPPY HOLLOW SUBDIVISION".
DEED DOCUMENTS:
BK 386 PG 485, BK 386 PG 077, BK 578 PG 231, BK 385 PG 420, BK 385 PG 421,
DOCUMENT NO.'S 82-11894, 75-11473

ALIGNMENT AND RW RESOLVE:

IT WAS DETERMINED THAT THE RW WAS MONUMENTED, THEREFORE I ESTABLISHED THE ALIGNMENT(S) BY HOLDING 7B-22-9 DATA AND THE EXISTING MONUMENTS, SPECIFICALLY; I HELD POINTS 55 AND 60 FOR ALIGNMENT AND POINT 70 FOR STATIONING. THIS SOLUTION FIT OTHER MONUMENTS WITHIN ACCEPTABLE TOLERANCES.

BASIS OF BEARING:

THE BASIS OF BEARING WAS ESTABLISHED BY HOLDING TWO GLOBAL POSITIONING SYSTEM (GPS) STATIONS, "2" AND "3" SET FOR THIS SURVEY. THE BASIS IS OREGON STATE COORDINATE SYSTEM, SOUTH ZONE, NAD 83-98.

BASIS OF COORDINATES:

THIS SURVEY UTILIZES LOCAL DATUM PLANE (LDP) COORDINATES, WHICH IS RELATIVE TO THE OREGON COORDINATE SYSTEM, SOUTH ZONE, NAD 83/98. I HELD DERIVED POSITION FOR GPS STATION "1". THE LDP COORDINATES DEFINE TRUE GROUND DISTANCES. TO SCALE THESE GROUND COORDINATES BACK TO GRID MULTIPLY COORDINATE VALUE BY 0.999979916.

THE GPS SURVEY WORK WAS PERFORMED ON APRIL 16, 2006. ALL OTHER SURVEY WORK WAS PERFORMED IN APRIL OF 2006. THE FOUND MONUMENTS WERE SURVEYED FROM THE CONTROL NETWORK. THE FIELD DATA WAS BALANCED AND ADJUSTED USING A LEAST SQUARES ADJUSTMENT. THE CONTROL NETWORK WAS SURVEYED USING A GEODOMETER 600 ELECTRONIC TOTAL STATION S/N 61210395.

REGISTERED PROFESSIONAL LAND SURVEYOR

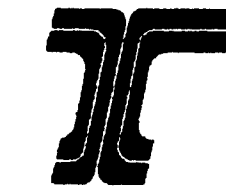
David W. Mills 2-01-07

OREGON JULY 18, 1980 DAVID W. MILLS 01915 EXPIRES 12-31-08

LEGEND	
☆	GPS STATION
▲	NETWORK POINT
▲—▲	LINE OF OBSERVATION
—	RIGHT-OF-WAY
---	PROPERTY LINE

SHEET INDEX

SHEET 1	CONTROL NETWORK AND NARRATIVE
SHEET 2	RIGHT OF WAY, MONUMENTATION AND NETWORK TABLES
SHEET 3	RIGHT OF WAY AND MONUMENTATION
SHEET 4	RIGHT OF WAY



SCALE 1" = 300'
300 150 0 300
FEET

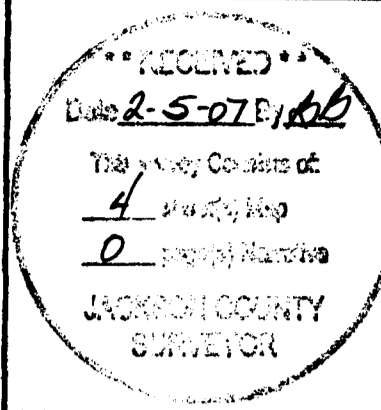
OREGON DEPARTMENT OF TRANSPORTATION
HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
BUNDLE 302, BRIDGE 07773A OVER FOLEY LANE
PACIFIC HIGHWAY (INTERSTATE I-5)
JACSON COUNTY, OREGON

FOR ODOT REGION 3
ODOT KEY NUMBER 14041

JANUARY 30, 2007
SCALE: 1" = 300'
SHEET 1 OF 4



N.W. 1/4 SEC. 25 T. 36 S., R. 3 W., W.M.
 N.E. 1/4 SEC. 25 T. 36 S., R. 3 W., W.M.



NETWORK/TRVERSE POINT COORDINATE TABLE

PT. NO.	LDP NORTHING	LDP EASTING	ELEV	DESCRIPTION
1	283668.58	4245553.34	1265.95'	SET 5/8" IRON ROD W/ 2" BRASS CAP STAMPED "MILLS LS 1915, 1" & CARSONITE POST
2	283380.89	4244574.53	1244.70'	SET 5/8" IRON ROD W/ 2" BRASS CAP STAMPED "MILLS LS 1915, 2" & CARSONITE POST
3	282791.50	4246254.75	1311.60'	SET 5/8" IRON ROD W/ 2" BRASS CAP STAMPED "MILLS LS 1915, 3" & CARSONITE POST
4	283045.28	4245338.66	1264.90'	SET 5/8" IRON ROD W/ 1-1/2" ALUMINUM CAP STAMPED "MILLS LS 1915, 4"
5	283222.28	4245476.66	1277.67'	SET 5/8" IRON ROD W/ 1-1/2" ALUMINUM CAP STAMPED "MILLS LS 1915, 5"
6	283113.69	4245426.90	1277.14'	SET 5/8" IRON ROD W/ 1-1/2" ALUMINUM CAP STAMPED "MILLS LS 1915, 6"
7	282977.98	4246116.08	1305.30'	SET 5/8" IRON ROD W/ 1-1/2" ALUMINUM CAP STAMPED "MILLS LS 1915, 7"
8	283531.51	4244331.99	1232.74'	SET HUB & PK NAIL
10	283370.49	4245083.30	1260.80'	SET 5/8" IRON ROD W/ 1-1/2" ALUMINUM CAP STAMPED "MILLS LS 1915, 10"

RESIDUALS FOR ANGLES AND DISTANCES

AT	TO	DISTANCE*	DISTANCE RESIDUAL	ANGLE RESIDUAL
1	4	659.244'	0.008	0°00'12"
1	5	452.834'	-0.006	-0°00'10"
4	6	111.66'	0.008	0°00'20"
4	2	834.588'	0.007	-0°00'09"
6	5	119.442'	-0.007	0°00'34"
6	8	1171.905'	-0.017	-0°00'11"
6	2	893.284'	0.018	-0°00'17"
6	3	888.343'	0.004	-0°00'07"
6	7	702.411'	0.000	-0°00'06"
8	9	772.503'	-0.012	0°00'11"
8	2	285.524'	0.018	0°00'01"
5	3	889.388'	0.003	0°00'06"
5	8	1185.687'	-0.013	0°00'00"
2	5	915.95'	-0.010	0°00'05"
2	7	1593.302'	-0.025	-0°00'03"
2	3	1780.599'	0.004	-0°00'03"
7	3	232.384'	-0.007	0°00'20"
7	5	684.488'	-0.012	-0°00'06"
7	1	890.863'	0.015	-0°00'07"
5	10	420.343'	-0.008	-0°00'11"
10	1	556.605'	0.013	0°00'08"
10	2	508.873'	0.001	-0°00'12"
10	6	428.965'	0.004	0°00'01"

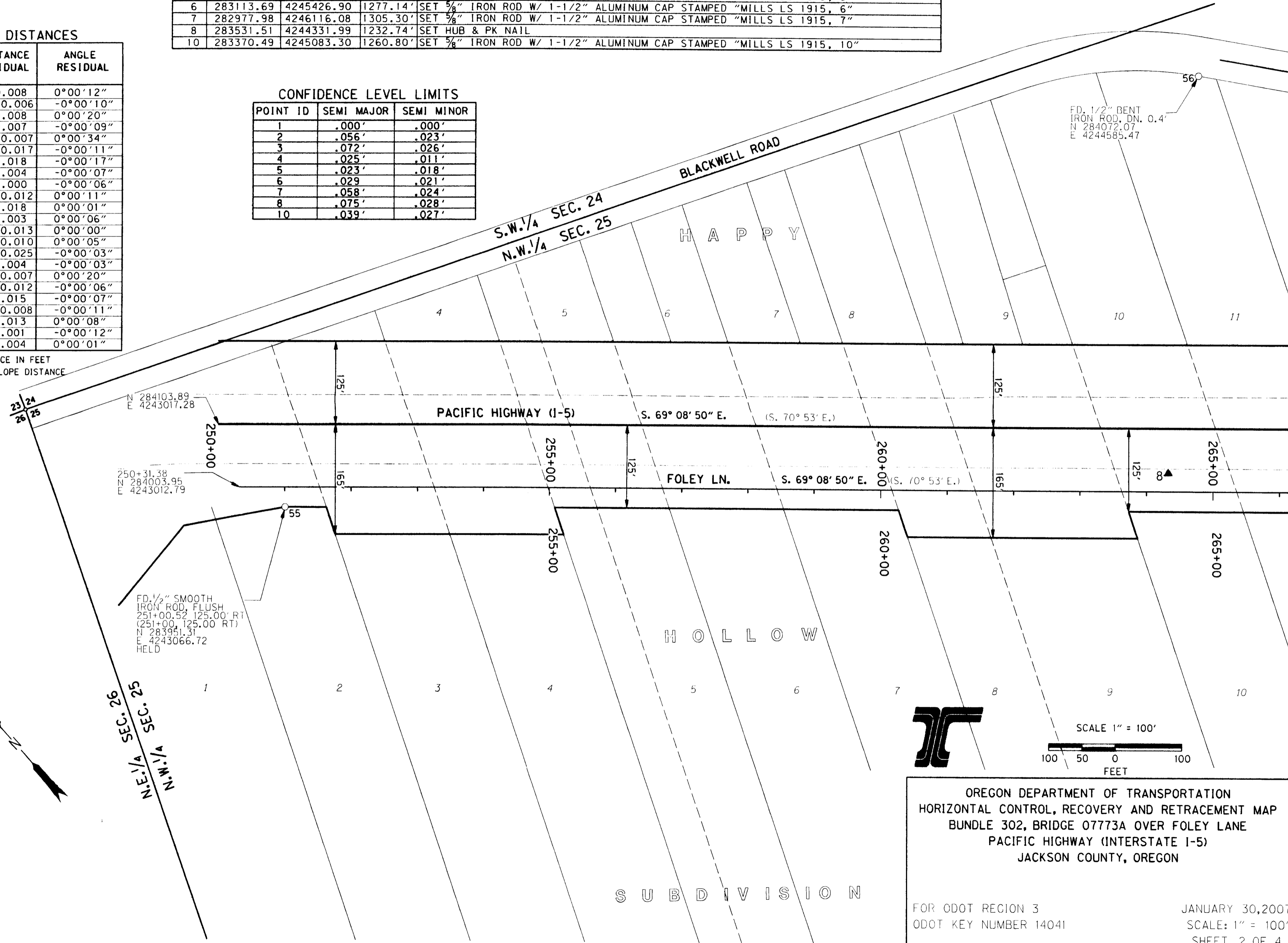
CONFIDENCE LEVEL LIMITS

POINT ID	SEMI MAJOR	SEMI MINOR
1	.000'	.000'
2	.056'	.023'
3	.072'	.026'
4	.025'	.011'
5	.023'	.018'
6	.029'	.021'
7	.058'	.024'
8	.075'	.028'
10	.039'	.027'

*CALCULATED HORIZONTAL DISTANCE IN FEET
 DERIVED FROM THE MEASURED SLOPE DISTANCE

LEGEND

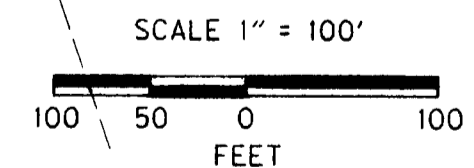
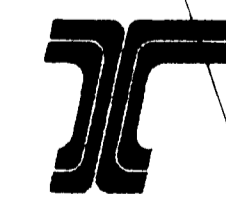
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- FOUND MONUMENT NOTED IN TABLE OR MAP
- ▲ NETWORK POINT
- EDGE OF PAVEMENT OR GRAVEL
- RIGHT-OF-WAY
- PROPERTY LINE



REGISTERED PROFESSIONAL LAND SURVEYOR

David W. Mills 2-01-07

OREGON JULY 18, 1980 DAVID W. MILLS 01915 EXPIRES 12-31-08



OREGON DEPARTMENT OF TRANSPORTATION
 HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
 BUNDLE 302, BRIDGE 07773A OVER FOLEY LANE
 PACIFIC HIGHWAY (INTERSTATE I-5)
 JACKSON COUNTY, OREGON

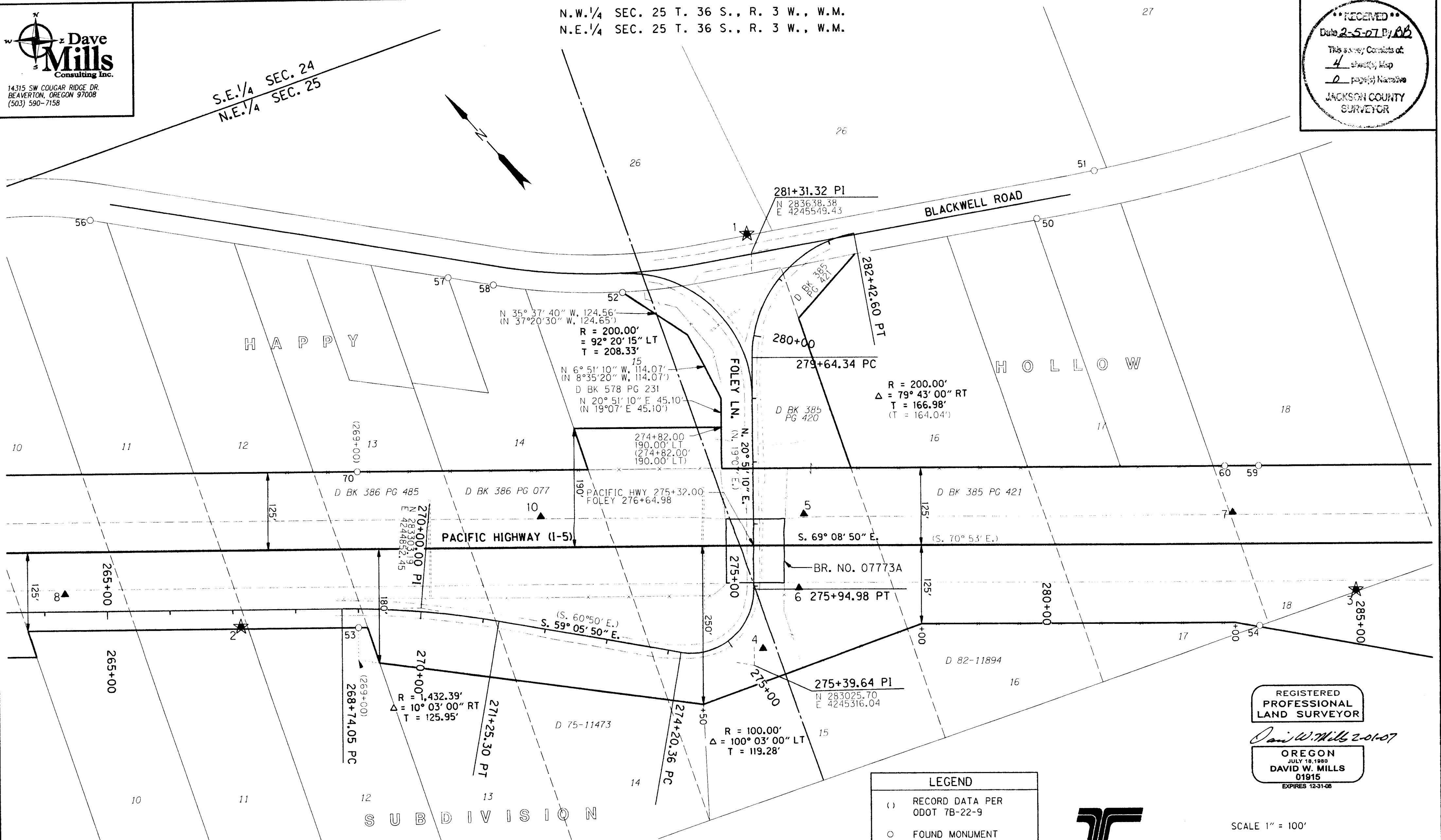
FOR ODOT REGION 3
 ODOT KEY NUMBER 14041

JANUARY 30, 2007
 SCALE: 1" = 100'
 SHEET 2 OF 4



N.W. 1/4 SEC. 25 T. 36 S., R. 3 W., W.M.
 N.E. 1/4 SEC. 25 T. 36 S., R. 3 W., W.M.

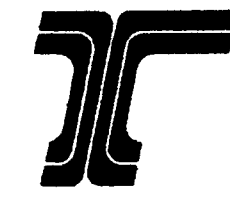
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 4 sheets/Map
 0 page(s) Narrative
 JACKSON COUNTY
 SURVEYOR



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 LAND SURVEYOR
 David W. Mills 20107
 OREGON
 JULY 18, 1980
 DAVID W. MILLS
 01915
 EXPIRES 12-31-08

LEGEND

- () RECORD DATA PER ODOT 7B-22-9
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- ★ GPS STATION
- ▲ NETWORK POINT
- EDGE OF PAVEMENT OR GRAVEL
- RIGHT-OF-WAY
- PROPERTY LINE
- x- FENCE



SCALE 1" = 100'
 100 50 0 100
 FEET

OREGON DEPARTMENT OF TRANSPORTATION
 HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
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 JACKSON COUNTY, OREGON
 FOR ODOT REGION 3
 ODOT KEY NUMBER 14041
 JANUARY 30, 2007
 SCALE: 1" = 100'
 SHEET 3 OF 4

RECOVERED MONUMENT LIST FD. = FOUND, YPC = YELLOW PLASTIC CAP, DN. = DOWN

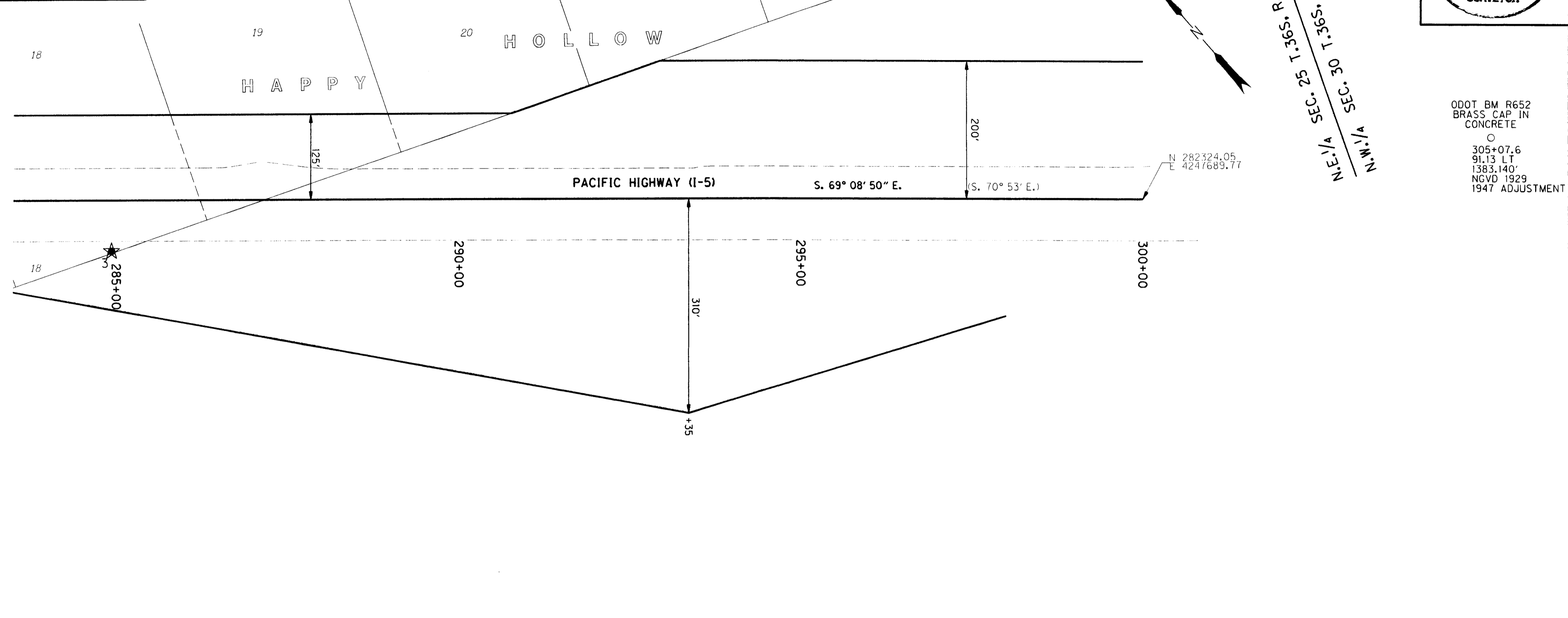
PT. NO.	LDP NORTHING	LDP EASTING	STATION	OFFSET	DATE	DESCRIPTION & REFERENCE DOCUMENTS
50	283524.40	4245994.58			3-01-06	FD. 5/8" IRON ROD, DN. 0.1', PER SN 7089
51	283562.60	4246107.47			3-01-06	FD. 5/8" IRON ROD, W/YPC, STAMPED "KAISER RLS 803", FLUSH, PER SN 14904
52	283654.59	4245334.22			3-01-06	FD. 5/8" SMOOTH IRON ROD, 0.1' UP WITH OLD CEDAR WITNESS POST
53	283310.93	4244748.53	269+00.12	124.75'	3-01-06	FD. 5/8" SMOOTH IRON ROD, 0.5' DN. WITH ODOT WITNESS POST
54	282794.06	4246090.97	283+38.62	129.90'	3-01-06	FD. ODOT BRASS DISK IN CONCRETE, FLUSH
56	284072.07	4244585.47			3-01-06	FD. 1/2" IRON ROD, DN. 0.4', BENT
57	283778.17	4245083.58			3-01-06	FD. 5/8" IRON ROD, DN. 0.2', FD. IN SN 4876
58	283741.04	4245146.54			3-01-06	FD. 1/2" IRON ROD, FLUSH, FD. IN SN 4876
59	283032.21	4246181.76	283+38.68	-124.97'	3-01-06	FD. ODOT BRASS DISK IN CONCRETE, FLUSH
60	283051.47	4246131.31	282+84.68	-125.00'	3-01-06	FD. 5/8" SMOOTH IRON ROD, UP 0.1', HELD
70	283544.37	4244837.32	269+00.00	-125.00'	3-01-06	FD. 5/8" SMOOTH IRON ROD, DN 0.4' BENT, HELD AT BEND

Dave Mills
Consulting Inc.
14315 SW COUGAR RIDGE DR.
BEAVERTON, OREGON 97008
(503) 590-7158

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SUBDIVISION

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JACKSON COUNTY
SURVEYOR



ODOT BM R652
BRASS CAP IN
CONCRETE
305+07.6
91.13 LT
1383.140'
NGVD 1929
1947 ADJUSTMENT

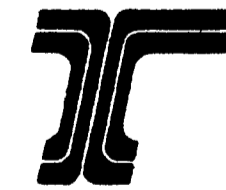
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REGISTERED
PROFESSIONAL
LAND SURVEYOR

David W. Mills 2-0107

OREGON
JULY 18, 1980
DAVID W. MILLS
01915

EXPIRES 12-31-08



SCALE 1" = 100'
100 50 0 100
FEET

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