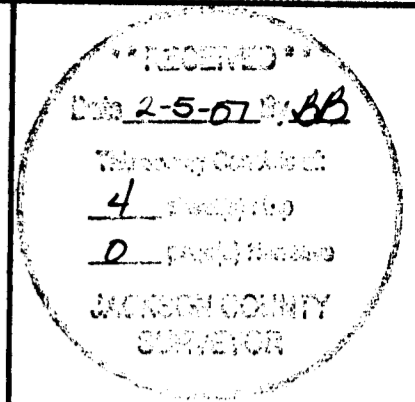




S.E. 1/4 SEC. 34, T. 36 S., R. 2 W., W.M.
N.E. 1/4 SEC. 3, T. 37 S., R. 2 W., W.M.



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) AND UPTON ROAD IN SECTION 34, TOWNSHIP 36 SOUTH, RANGE 2 WEST AND SECTION 3, TOWNSHIP 37 SOUTH, RANGE 2 WEST, WM. 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 8B-8-23, (SEVEN OAKS - TABLE ROCK RD UNIT, SEVEN OAKS - ASHLAND SECTION) AND IR-5-471.
COUNTY SURVEY FILE NUMBERS (SN):
1266, 1385, 1660, 2051, 2155, 2191, 6194, 12243, 12563, 14289 AND SUMMERFIELD SUBDIVISION SCENIC VILLAGE SUBDIVISION, PINECREST SUBDIVISION, PARTITION PLAT P-17-1991
DEED DOCUMENTS:
BK 469 PG 281, BK 171 PG 008, BK 391 PG 209, BK 496 PG 281, BK 519 PG III, BK 425 PG 332 BK 383 PG 366, DOCUMENT NO.'S 77-26649, 01-27484

ALIGNMENT AND RW RESOLVE:

IT WAS DETERMINED THAT THE CENTER LINE AND RW OF PACIFIC HIGHWAY WERE MONUMENTED, THEREFORE I ESTABLISHED THE ALIGNMENT(S) BY HOLDING MAP DATA AND THE EXISTING MONUMENTS, SPECIFICALLY; I HELD THE PK NAIL FOUND AT MONUMENT 39 AND A LINE THAT BEST FITS MONUMENTS 30 AND 40. MONUMENT 39 WAS USED FOR STATIONING. THIS SOLUTION FIT OTHER MONUMENTS WITHIN ACCEPTABLE TOLERANCES AND STATION "B" 32+53.93 FALLS ON THE S. LINE OF DLC NO. 57 AS IMPLIED ON ODOT MAPS. THE EXISTING BRIDGE STRUCTURES ARE ALSO CLOSE TO BEING CENTERED ON THIS ALIGNMENT.

THE SW CORNER OF DEED TO THE STATE OF OREGON 3-1-1954 RECORDED IN BK 391 PG 209 WAS ESTABLISHED BY HOLDING THE CALCULATED DEED BEARING AND DISTANCE FROM THE CALCULATED POSITION OF THE NORTH QUARTER CORNER OF SECTION 3. THIS BEARING WAS THEN ROTATED TO MATCH THE ROTATION TO THE SOUTH LINE OF DLC NO 57 AS SHOWN ON IR-5-471.

BASIS OF BEARING:

THE BASIS OF BEARING WAS ESTABLISHED BY HOLDING TWO GLOBAL POSITIONING SYSTEM (GPS) STATIONS, "1" AND "3" SET FOR THIS SURVEY. THE BASIS IS OREGON STATE COORDINATE SYSTEM, SOUTH ZONE, NAD 83-98.

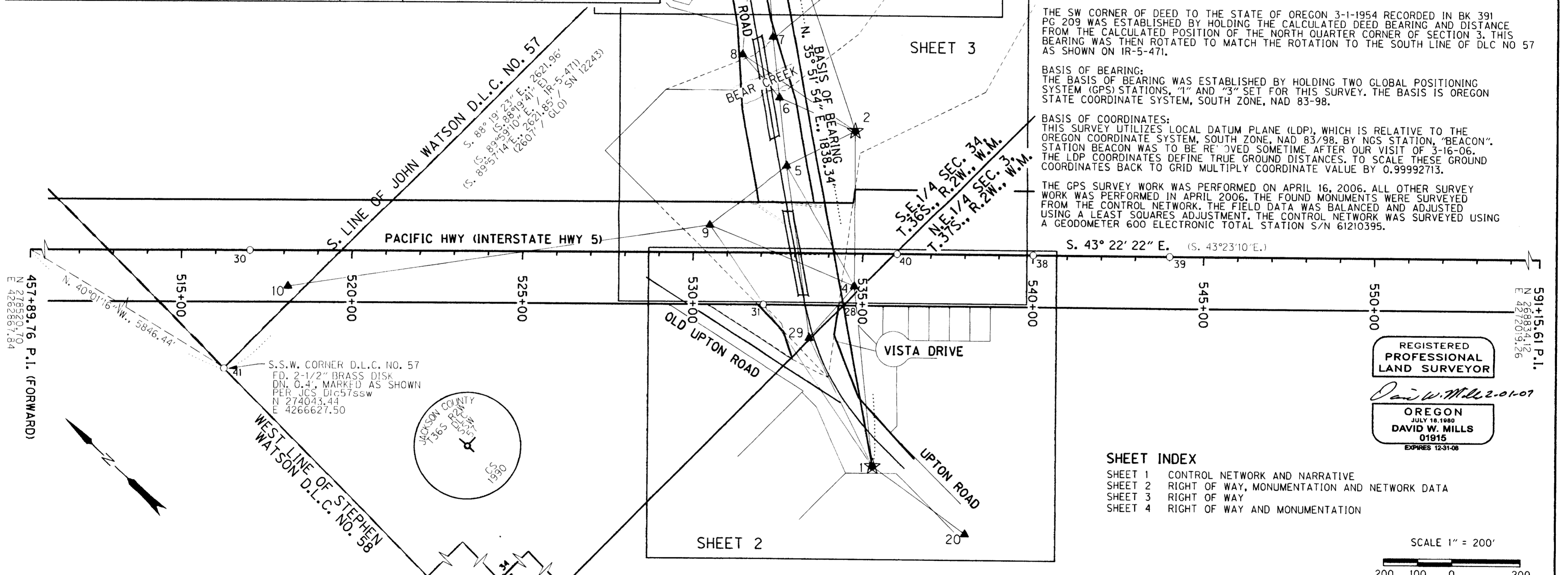
BASIS OF COORDINATES:

THIS SURVEY UTILIZES LOCAL DATUM PLANE (LDP), WHICH IS RELATIVE TO THE OREGON COORDINATE SYSTEM, SOUTH ZONE, NAD 83/98. BY NGS STATION, "BEACON". STATION BEACON WAS TO BE RE-3'VED SOMETIME AFTER OUR VISIT OF 3-16-06. THE LDP COORDINATES DEFINE TRUE GROUND DISTANCES. TO SCALE THESE GROUND COORDINATES BACK TO GRID MULTIPLY COORDINATE VALUE BY 0.99992713.

THE GPS SURVEY WORK WAS PERFORMED ON APRIL 16, 2006. ALL OTHER SURVEY WORK WAS PERFORMED IN APRIL 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 GEODIMETER 600 ELECTRONIC TOTAL STATION S/N 61210395.

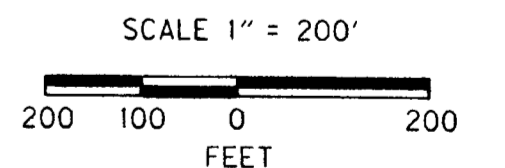
RECOVERED MONUMENT LIST DN. = DOWN, YPC = YELLOW PLASTIC CAP, FD. = FOUND

PT. NO.	LDP NORTHING	LDP EASTING	PACIFIC HWY STATION	OFFSET	DATE	DESCRIPTION & REFERENCE DOCUMENTS
28	272820.23	4268046.98	534+90.18	150.02'	3-22-06	FD. 5/8" IRON ROD, FLUSH, W/ YPC MARKED "L. J. FRIAR & ASSOC." PER SUMMERFIELD SUBDIVISION
30	274224.45	4266926.92	517+00.25 (517+00)	-0.13'	3-23-06	FD. 5/8" IRON ROD FLUSH, W/ 2" BRASS CAP IN CONC. MARKED "STATE HIGHWAY DEPARTMENT REFERENCE POT 517+00"
31	273025.53	4267853.13	532+07.82	149.95'	3-22-06	FD. 5/8" IRON ROD W/ YPC MARKED "D.A. EDWARDS RPLS 2339" FLUSH PER SN 12563
38	272553.11	4268506.20	539+99.70 (540+00)	-0.34'	4-03-06	FD. 3/4" SMOOTH IRON BAR DN. 0.3' BENT NW'LY TIED AT BEND
39	272262.00	4268780.95	544+00.00 (544+00)	-0.14'	4-03-06	FD. 3" BRASS DISK IN CONC. DN. 0.8' MARKED "STATE HIGHWAY DEPARTMENT REFERENCE POT 544+00" PK NAIL FOUND 0.14' N.E. 'Y. HELD
40	272843.37	4268231.37	535+99.98 (536+00)	0.10'	4-03-06	FD. 3" BRASS DISK IN CONC. DN. 0.7' MARKED "STATE HIGHWAY DEPARTMENT REFERENCE POT 536+00"



SHEET INDEX

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



NETWORK/TRaverse POINT COORDINATE TABLE

PT. NO.	LDP NORTHING	LDP EASTING	ELEV	DESCRIPTION
1	272469.43	4267736.50	1245.16'	SET 5/8" IRON ROD W/ 2" BRASS CAP STAMPED "MILLS LS 1915, 1" & CARSONITE POST
2	273181.33	4268407.87	1234.90'	SET 5/8" IRON ROD W/ 2" BRASS CAP STAMPED "MILLS LS 1915, 2" & CARSONITE POST
3	273959.21	4268813.54	1232.33'	SET 5/8" IRON ROD W/ 2" BRASS CAP STAMPED "MILLS LS 1915, 3" & CARSONITE POST
4	272869.05	4268076.81	1234.37'	SET 5/8" IRON ROD W/ 1-1/2" ALUMINUM CAP STAMPED "MILLS LS 1915, 4"
5	273257.30	4268195.46	1249.41'	SET 5/8" IRON ROD W/ 1-1/2" ALUMINUM CAP STAMPED "MILLS LS 1915, 5"
6	273409.71	4268322.86	1218.14'	SET 5/8" IRON ROD W/ 1-1/2" ALUMINUM CAP STAMPED "MILLS LS 1915, 6"
7	273545.15	4268436.59	1221.53'	SET 5/8" IRON ROD W/ 1-1/2" ALUMINUM CAP STAMPED "MILLS LS 1915, 7"
8	273574.38	4268337.63	1220.72'	SET HUB & TACK WITH SHINNER
9	273298.70	4267911.62	1230.96'	SET 5/8" IRON ROD W/ 1-1/2" ALUMINUM CAP STAMPED "MILLS LS 1915, 9"
10	274071.65	4266928.18	1228.47'	SET 5/8" IRON ROD W/ RED PLASTIC CAP "DMC CONTROL"
20	272138.14	4267782.02	1244.52'	FOUND 5/8" IRON ROD W/ OBEC RED PLASTIC CONTROL CAP
29	272861.49	4267877.32	1255.20'	FOUND 5/8" IRON ROD W/ OBEC RED PLASTIC CONTROL CAP

LEGEND	
★	GPS STATION
▲	NETWORK POINT
—▲—	LINE OF OBSERVATION
—	RIGHT-OF-WAY
---	PROPERTY LINE
()	8B-8-23 UNLESS NOTED OTHERWISE

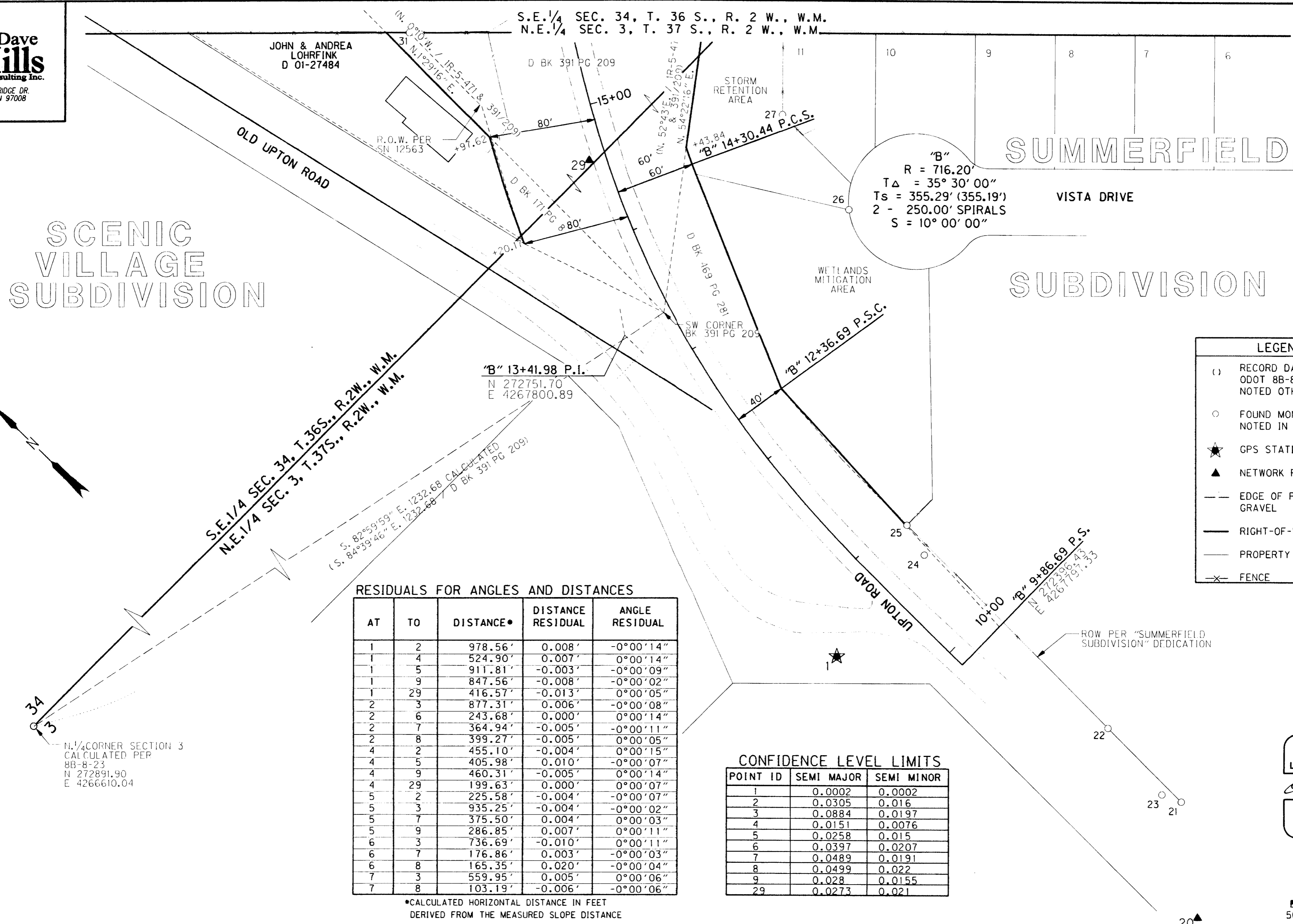


OREGON DEPARTMENT OF TRANSPORTATION
HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
BUNDLE 302, BRIDGE 08542A&B OVER
PACIFIC HIGHWAY (INTERSTATE I-5) & BEAR CREEK
JACKSON COUNTY, OREGON

FOR ODOT REGION 3
ODOT KEY NUMBER 14041

JANUARY 03, 2007
SCALE: 1" = 200'
SHEET 1 OF 4

RECEIVED
Date 2-5-07 By: [Signature]
This survey consists of:
4 Boundary Map
0 [unclear] Map
JACKSON COUNTY SURVEYOR



LEGEND

- () RECORD DATA PER ODOT 8B-8-23 UNLESS NOTED OTHERWISE
- FOUND MONUMENT NOTED IN TABLE OR MAP
- ★ GPS STATION
- ▲ NETWORK POINT
- EDGE OF PAVEMENT OR GRAVEL
- RIGHT-OF-WAY
- PROPERTY LINE
- ✕ FENCE

RESIDUALS FOR ANGLES AND DISTANCES

AT	TO	DISTANCE*	DISTANCE RESIDUAL	ANGLE RESIDUAL
1	2	978.56'	0.008'	-0°00'14"
1	4	524.90'	0.007'	0°00'14"
1	5	911.81'	-0.003'	-0°00'09"
1	9	847.56'	-0.008'	-0°00'02"
1	29	416.57'	-0.013'	0°00'05"
2	3	877.31'	0.006'	-0°00'08"
2	6	243.68'	0.000'	0°00'14"
2	7	364.94'	-0.005'	-0°00'11"
2	8	399.27'	-0.005'	0°00'05"
4	2	455.10'	-0.004'	0°00'15"
4	5	405.98'	0.010'	-0°00'07"
4	9	460.31'	-0.005'	0°00'14"
4	29	199.63'	0.000'	0°00'07"
5	2	225.58'	-0.004'	-0°00'07"
5	3	935.25'	-0.004'	-0°00'02"
5	7	375.50'	0.004'	0°00'03"
5	9	286.85'	0.007'	0°00'11"
6	3	736.69'	-0.010'	0°00'11"
6	7	176.86'	0.003'	-0°00'03"
6	8	165.35'	0.020'	-0°00'04"
7	3	559.95'	0.005'	0°00'06"
7	8	103.19'	-0.006'	-0°00'06"

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

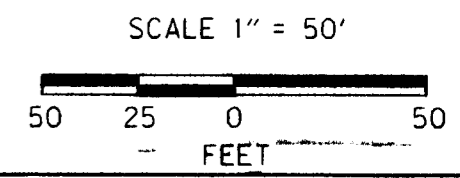
CONFIDENCE LEVEL LIMITS

POINT ID	SEMI MAJOR	SEMI MINOR
1	0.0002	0.0002
2	0.0305	0.016
3	0.0884	0.0197
4	0.0151	0.0076
5	0.0258	0.015
6	0.0397	0.0207
7	0.0489	0.0191
8	0.0499	0.022
9	0.028	0.0155
29	0.0273	0.021

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

PT. NO.	LDP NORTHING	LDP EASTING	STATION	OFFSET	DATE	DESCRIPTION & REFERENCE DOCUMENTS
21	272206.46	4267836.57			3-22-06	FD. 5/8" IRON ROD, FLUSH, W/ YPC MARKED "L J FRIAR ASSOC.", PER SUMMERFIELD SUB.
22	272284.52	4267838.72			3-22-06	FD. 5/8" IRON ROD, DN. 0.3', W/ YPC MARKED "L J FRIAR ASSOC.", PER SUMMERFIELD SUB.
23	272220.74	4267830.47			3-22-06	FD. 5/8" IRON ROD, FLUSH, W/ YPC MARKED "KAISER RLS803", SN 12243
24	272474.21	4267837.62	10+65.56	39.05	3-22-06	FD. 5/8" IRON ROD, FLUSH, BENT TIED AT BEND, PER SN 12243
25	272499.30	4267844.87	10+91.44	45.46	3-22-06	FD. 5/8" IRON ROD, FLUSH, W/ YPC MARKED "L J FRIAR ASSOC.", PER SUMMERFIELD SUB.
26	272693.38	4267986.11			3-22-06	FD. 5/8" IRON ROD, FLUSH, W/ YPC MARKED "L J FRIAR ASSOC.", PER SUMMERFIELD SUB.
27	272778.84	4268003.14			3-22-06	FD. 5/8" IRON ROD, FLUSH, W/ YPC MARKED "L J FRIAR ASSOC.", PER SUMMERFIELD SUB.

REGISTERED PROFESSIONAL LAND SURVEYOR
David W. Mills 2-5-07
OREGON JULY 18, 1980 DAVID W. MILLS 01915 EXPIRES 12-31-08



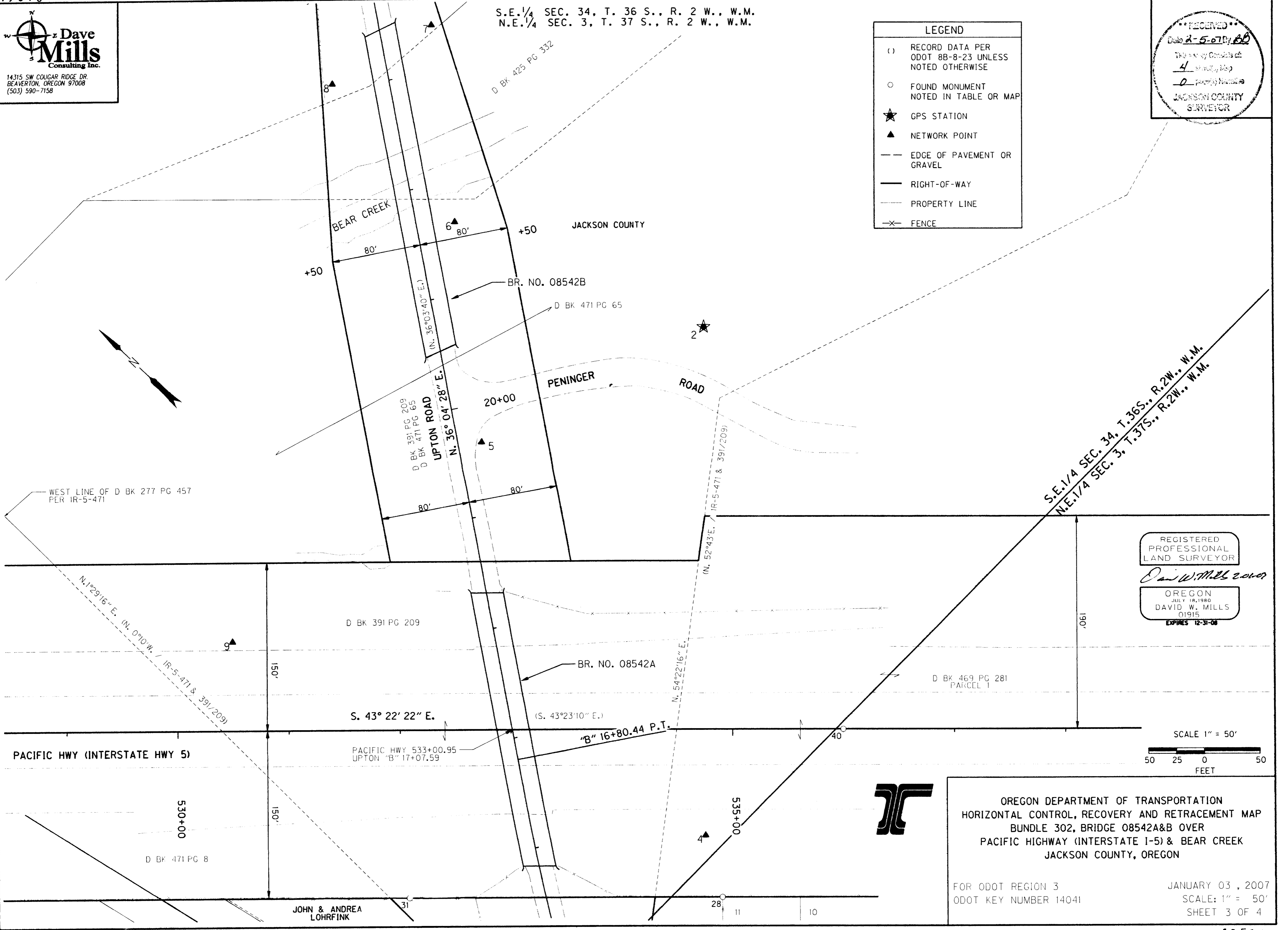
OREGON DEPARTMENT OF TRANSPORTATION
HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
BUNDLE 302, BRIDGE 08542A&B OVER
PACIFIC HIGHWAY (INTERSTATE I-5) & BEAR CREEK
JACKSON COUNTY, OREGON
FOR ODOT REGION 3 ODOT KEY NUMBER 14041
JANUARY 03, 2007
SCALE: 1" = 50'
SHEET 2 OF 4

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

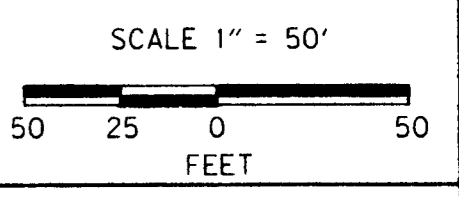
S.E. 1/4 SEC. 34, T. 36 S., R. 2 W., W.M.
N.E. 1/4 SEC. 3, T. 37 S., R. 2 W., W.M.

LEGEND	
()	RECORD DATA PER ODOT 8B-8-23 UNLESS NOTED OTHERWISE
○	FOUND MONUMENT NOTED IN TABLE OR MAP
★	GPS STATION
▲	NETWORK POINT
- - -	EDGE OF PAVEMENT OR GRAVEL
—	RIGHT-OF-WAY
---	PROPERTY LINE
-x-	FENCE

RECEIVED
Date 2-5-07
This Survey Consists of:
4 sheets, Map
0 sheets, Notes
JACKSON COUNTY SURVEYOR



REGISTERED PROFESSIONAL LAND SURVEYOR
David W. Mills 2000
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 08542A&B OVER
PACIFIC HIGHWAY (INTERSTATE I-5) & BEAR CREEK
JACKSON COUNTY, OREGON

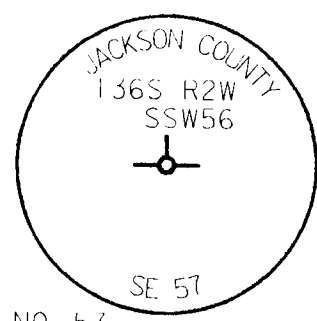
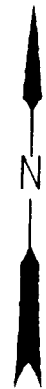
FOR ODOT REGION 3
ODOT KEY NUMBER 14041

JANUARY 03, 2007
SCALE: 1" = 50'
SHEET 3 OF 4

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

S.E. 1/4 SEC. 34, T. 36 S., R. 2 W., W.M.
N.E. 1/4 SEC. 3, T. 37 S., R. 2 W., W.M.

RECEIVED
Date 2-5-07 By BB
This Survey Consists of:
4 sheets of Map
0 pages of Narrative
JACKSON COUNTY
SURVEYOR



SE CORNER D.L.C. NO. 57
SSW CORNER D.L.C. NO. 56
FD. 3" BRASS CAP
DN. 0.2' IN AC.
MARKED AS SHOWN
PER JCS Dic 57 se, RP'S NOT
FOUND AS NOTED IN JCS
N 273966.71
E 4269248.34

EAST LINE JOHN
WATSON D.L.C. NO. 57
WEST LINE JOHN
RANKIN D.L.C. NO. 56

S. LINE OF JOHN WATSON D.L.C. NO. 57

"B" 28+48.45 P.I.
N 273982.91
E 4268697.87

PARTITION
PLAT
P-17-1991

OLD UPTON ROAD

UPTON ROAD

"B"
R = 477.46'
T_Δ = 55° 36' 39"
T_s = 457.94'
- 400.00' SPIRALS
S = 24° 00' 00"

SCHOOL DISTRICT NO. 6
FEE NO. 77-26648
BK. 383, PG 366

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

PT. NO.	LDP NORTHING	LDP EASTING	STATION	OFFSET	DATE	DESCRIPTION & REFERENCE DOCUMENTS
32	273964.37	4268646.72			3-30-06	FD. 5/8" IRON ROD, DN. 0.5', W/ RPC MARKED "BOYDEN 281", PER PP P-17-1991
33	273968.37	4268509.78			3-30-06	FD. 5/8" IRON ROD, DN. 0.3', W/ RPC MARKED "BOYDEN 281", PER PP P-17-1991
34	273970.69	4268429.93			3-30-06	FD. 5/8" IRON ROD, FLUSH, W/ RPC MARKED "BOYDEN 281", PER PP P-17-1991
35	273974.06	4268314.94			3-30-06	FD. 5/8" IRON ROD, DN. 0.5', W/ RPC MARKED "BOYDEN 281", PER PP P-17-1991
37	273642.23	4268387.45	23+90.31	-50.30	3-30-06	FD. 5/8" IRON ROD, UP 0.5', W/ RPC MARKED "BOYDEN 281", PER PP P-17-1991

LEGEND

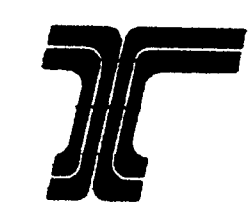
- () RECORD DATA PER ODOT 8B-8-23
- FOUND MONUMENT NOTED IN TABLE OR MAP
- ★ GPS STATION
- ▲ NETWORK POINT
- EDGE OF PAVEMENT OR GRAVEL
- RIGHT-OF-WAY
- PROPERTY LINE
- x- FENCE

REGISTERED
PROFESSIONAL
LAND SURVEYOR

David W. Mills 2-01-07

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

SCALE 1" = 50'
50 25 0 50
FEET



OREGON DEPARTMENT OF TRANSPORTATION
HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
BUNDLE 302, BRIDGE 08542A&B OVER
PACIFIC HIGHWAY (INTERSTATE I-5) & BEAR CREEK
JACKSON COUNTY, OREGON

FOR ODOT REGION 3
ODOT KEY NUMBER 14041

JANUARY 03, 2007
SCALE: 1" = 50'
SHEET 4 OF 4