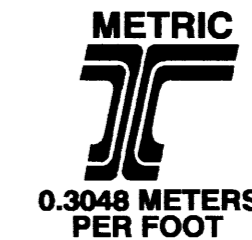


COUNTY SURVEYORS FILE DATA
DO NOT REMOVE FROM OFFICE

A PORTION OF THE EAST HALF OF SECTION 13 T.22 S., R.13 W. W.M. DOUGLAS COUNTY, OR.



FILED

Date: 11-8-1999 By: JP
This survey consists of: 35 SHEETS
Map: M133-47 A
Narrative: _____
Corner Rpt: _____
DOUGLAS COUNTY
JP SURVEYOR

MAP FILE M133-47A

SURVEY NARRATIVE

PURPOSE AND EQUIPMENT

THE PURPOSE OF THIS SURVEY IS TO ESTABLISH THE CENTER OF THE RIGHT OF WAY FOR OREGON STATE HIGHWAY 9 (U.S. HWY 101) AND IT'S RELATIONSHIP TO SURROUNDING FOUND MONUMENTS. THIS PROJECT WAS FOR PREPARATION OF A DIGITAL TERRAIN MODEL TO REPAIR A LAND SLIP OUT AT 7+425 +/- ALONG THE EAST EDGE OF THE HIGHWAY. ALSO PART OF THIS WORK WAS TO COLLECT SUFFICIENT BOUNDARY EVIDENCE TO ESTABLISH OUR RIGHT OF WAY LIMITS FOR RIGHT OF WAY ACQUISITION.

FIELDWORK WAS PERFORMED BY ODOT STAFF BETWEEN DEC 1996 AND MARCH 1999. SURVEY EQUIPMENT FOR THIS PROJECT WAS A LEICA TCA 1800 ELECTRONIC THEODOLITE, SERIAL # 416512. THIS INSTRUMENT IS CHECKED AGAINST THE BANDON BASE LINE ROUTINELY AND THE RECORDS OF THESE CHECKS ARE KEPT IN OUR OFFICE. DATA WAS TRANSFERRED DIRECTLY USING A PCMCIA CARD AND LEICA SOFTWARE.

BOUNDARY EVIDENCE

PRIOR TO THIS SURVEY A SEARCH WAS MADE OF EXISTING DOUGLAS COUNTY AND ODOT RECORDS TO DETERMINE THE PRESENCE OF BOUNDARY EVIDENCE THAT WAS LIKELY TO BE ENCOUNTERED IN THIS SURVEY.

ON THIS MAP ARE NOTED POSITIONS THAT MAY BE IN CONFLICT BETWEEN OCCUPATION LINES, RECORD DEED LINES AND FOUND MONUMENTS. IT IS NOT THE PURPOSE OF THIS SURVEY TO RESOLVE ANY BOUNDARY DIFFERENCES INVOLVING PRIVATE PROPERTY THAT MAY OR MAY NOT EXIST. THESE POSITIONS ARE NOTED AND TIED ONLY AS FOUND FIELD EVIDENCE FOR THE PERPETUATION OF BOUNDARY INFORMATION AND AS THEY MAY AFFECT THE PUBLIC RIGHT OF WAY.

IT IS NOT THE INTENT OF THIS SURVEY TO ESTABLISH ANY BOUNDARIES OF PRIVATE LANDS NOT DIRECTLY AFFECTING THE RIGHT OF WAY. WE HAVE NOTED SUCH BOUNDARY EVIDENCE AS FOUND DURING OUR WORK SOLELY TO PERPETUATE THE EVIDENCE AS REQUIRED IN ORS 209.

THE ROSEBURG OFFICE LOCATION CREW MADE AN INITIAL FIELD SEARCH AND DATA COLLECTED FOR THE DIGITAL TERRAIN MODEL. I TOOK OVER THIS PROJECT IN THE SPRING OF 1998 AND TIED ADDITIONAL FOUND MONUMENTS AND RESOLVED THE CENTERLINE OF HIGHWAY 101 AS IS INDICATED HEREON.

THE CENTERLINE STATIONING WAS ESTABLISHED BY ACCEPTING POINT 1002 AS BEING AT 7+193.280 (236+00.00 150.00' RT.) 45.720 METERS RIGHT OF CENTERLINE. REFER TO ODOT MAP 7B-7-13 FOR POSITION AND RECORD DATA. USING A ROTATION FROM THE POSITION OF FOUND MONUMENT 1054 I ESTABLISHED THE BEARING FOR THE RIGHT OF WAY CENTERLINE. ALL STATIONS AND DISTANCES HAVE BEEN CONVERTED FROM IMPERIAL TO METRIC FOR THIS SURVEY. THE CONVERSION FACTOR USED WAS .3048 METERS PER FOOT.

ODOT CONTROL POINTS

SURVEY CONTROL POINTS SET DURING THIS SURVEY WERE NOT SET ON, AND DO NOT REPRESENT PROPERTY LINES, OR RIGHT OF WAY LINES EXCEPT AS INDICATED HEREON. THEY ARE INTENDED SOLELY FOR ODOT'S OWN USE IN SUPPORT OF ANY PROPOSED OR FUTURE TRANSPORTATION RELATED PROJECTS. THESE POINTS MAY BE DESTROYED BY FUTURE HIGHWAY OPERATIONS. IT IS NOT THE INTENT OF ODOT TO PERPETUATE THE CONTROL POINTS AS PERMANENT MONUMENTS.

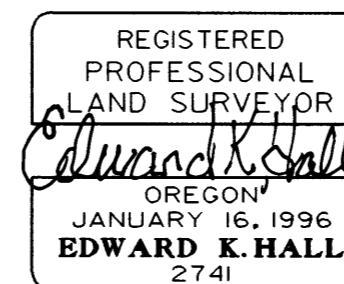
THE INDICATED RIGHT OF WAY MONUMENTS WERE SET AT THE ANGLE POINTS OF THE NEW RIGHT OF WAY TO THE EXTENT PRACTICAL.

MAP REFERENCES

ODOT R/W MAP 7B-7-12, 7B-7-13, CS 58-152, M 128-75 AND POINT IDENTIFIER 700500

BASIS OF BEARING

THE BASIS OF BEARING FOR THIS PROJECT WAS TAKEN BETWEEN FOUND ODOT MONUMENTS 1002 AND 1054. THE BEARING BETWEEN THESE TWO MONUMENTS WAS COMPUTED AS S.08°09'15"W. - 254.437 FROM ODOT 7B-7-13. MY MEASUREMENT WAS S.08°09'15"W. - 254.400. THIS WAS ACCEPTED AS THE BEST AVAILABLE EVIDENCE OF THE ORIGINAL CENTERLINE SURVEY. THE ROSEBURG OFFICE USING A SINGLE RTK GPS RECEIVER ESTABLISHED THE COORDINATE BASE. DUE TO THE POTENTIAL ERROR IN THIS METHOD THE COORDINATES WERE ACCEPTED AS LOCAL DATUM PLANE ONLY WITH NO DIRECT RELATIONSHIP TO STATE PLANE.



EXPIRES
30 JUNE 2001

REVISED 19 OCT 1999

OREGON DEPARTMENT OF TRANSPORTATION R/W MONUMENTATION AND CONTROL MAP WINCHESTER HILL SLIDE REPAIR PROJECT

O.D.O.T. CREW 3811 COQUILLE
307 HWY. 42E COQUILLE, OR. 97423

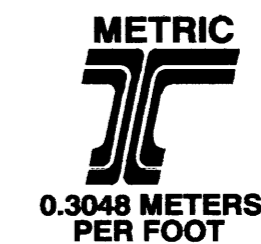
O.D.O.T. KEY NO. 08936 1 OCT 1999 SHEET 1 OF 3

ST. HWY. 101-004A

MAP FILE M133-47A

COUNTY SURVEYORS FILE DATA
DO NOT REMOVE FROM OFFICE

A PORTION OF THE EAST HALF OF SECTION 13 T.22 S., R.13 W. W.M. DOUGLAS COUNTY, OR.

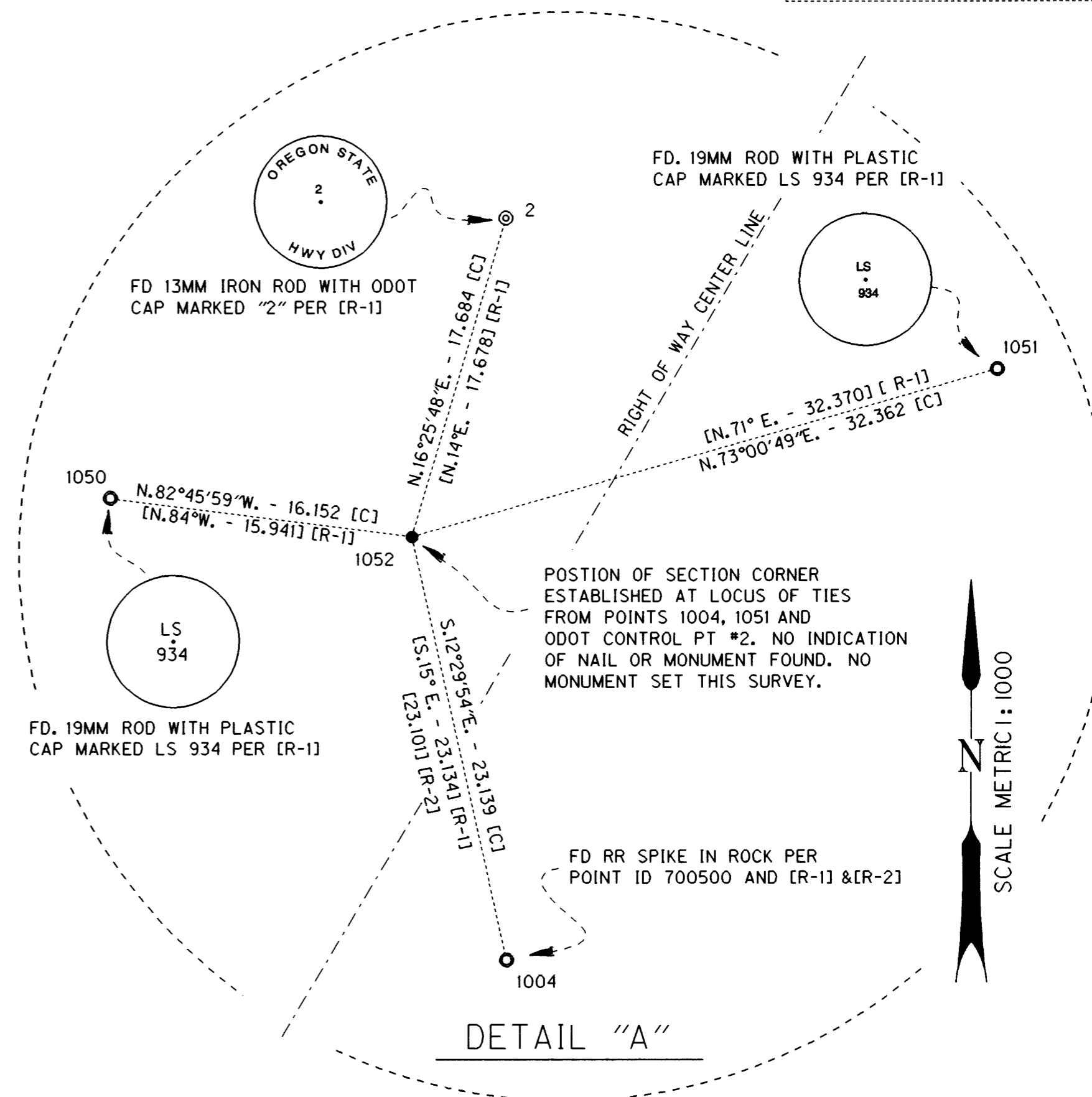


FILED
Date: 11-8-1999 By: JP
This survey consists of: 3 SHEETS
Map: M133-47B
Narrative: _____
Corner Rpt: _____
DOUGLAS COUNTY
SURVEYOR

MAP FILE M133-47B

MINUS OFFSETS INDICATE LEFT AND POSITIVES ARE RIGHT OF CENTERLINE
COORDINATE NOTE: ALL COORDINATES SHOWN HEREON ARE LOCAL DATUM PLANE GROUND VALUES WITH NO CONVERSION TO GRID

POINT	STATION	OFFSET	NORTHING	EASTING	DESCRIPTION
2	6+774.508	12.019	228914.0585	1202988.5517	13 MM SQ. IRON ROD WITH ALUMINUM ODOT CONTROL CAP
3	7+204.509	-7.413	228534.4449	1202785.6437	13 MM SQ. IRON ROD WITH ALUMINUM ODOT CONTROL CAP
6	7+417.696	18.607	228356.0682	1202662.5488	13 MM SQ. IRON ROD WITH ALUMINUM ODOT CONTROL CAP
7	7+689.257	19.203	228082.1964	1202628.7688	13 MM SQ. IRON ROD WITH ALUMINUM ODOT CONTROL CAP (DAMAGED)
501	6+732.425	0.000	228944.1004	1203020.3781	COMPUTED CENTERLINE POSITION PER ODOT R/W MAP
502	7+254.155	0.000	228495.5480	1202753.9148	COMPUTED CENTERLINE POSITION PER ODOT R/W MAP
503	7+406.555	0.000	228360.4036	1202683.9224	COMPUTED CENTERLINE POSITION PER ODOT R/W MAP
504	7+470.118	0.000	228299.5246	1202665.8410	COMPUTED CENTERLINE POSITION PER ODOT R/W MAP
505	7+622.518	0.000	228148.0843	1202650.7165	COMPUTED CENTERLINE POSITION PER ODOT R/W MAP
506	7+725.760	0.000	228044.9309	1202646.4457	COMPUTED CENTERLINE POSITION PER ODOT R/W MAP
1000	6+732.722	45.673	228967.1722	1202980.9592	FD. 16 MM IRON ROD AT POINT INDICATED ON SHEET 3
	6+732.425PT	45.720			RECORD STATION AND OFFSET PER [R-4]
1001	6+732.713	-45.742	228920.4910	1203059.5570	FD. 16 MM IRON ROD AT POINT INDICATED ON SHEET 3
	6+732.425PT	-45.720			RECORD STATION AND OFFSET PER [R-4]
1002	7+193.280	45.720	228571.2350	1202745.6980	FD. 16 MM IRON ROD AT POINT INDICATED ON SHEET 3
1004	6+808.510	-8.187	228874.5055	1202988.5575	FD. RR SPIKE IN ROCK AT POINT INDICATED HEREON
1018	7+528.953	18.291	228243.3999	1202638.4486	FD. 78 MM DISK DCSO 101-8 CONTROL POINT TIED BUT NOT USED
1050	6+798.080	22.471	228899.1303	1202967.5269	FD. 19 MM ROD WITH CAP LS 934 AT POINT INDICATED HEREON
1051	6+768.094	-14.538	228906.0092	1203014.6600	FD. 19 MM ROD WITH CAP LS 934 AT POINT INDICATED HEREON
1052	6+791.645	7.656	228897.0966	1202983.5499	POSITION OF SECTION CORNER FROM [R-1] & [R-2] AS SHOWN HEREON
1053	7+406.495	-91.442	228328.1068	1202769.4712	FD. 16 MM IRON ROD AT POINT INDICATED ON SHEET 3
	7+406.555PS	-91.440			RECORD STATION AND OFFSET PER [R-3]
1054	7+437.079	-45.713	228318.3566	1202717.9165	FD. 16 MM IRON ROD AT POINT INDICATED ON SHEET 3
	7+437.120	-45.720			RECORD STATION AND OFFSET PER [R-3]
1055	7+470.043	-45.724	228289.7948	1202710.5181	FD. 16 MM IRON ROD AT POINT INDICATED ON SHEET 3
	7+470.118PC	-45.720			RECORD STATION AND OFFSET PER [R-3]
1056	7+406.507	45.699	228376.6156	1202641.1959	FD. 16 MM IRON ROD AT POINT INDICATED ON SHEET 3
	4+406.555PS	45.720			RECORD STATION AND OFFSET PER [R-3]
3000	7+193.280	-97.536	228498.0698	1202868.8610	SET 16 MM IRON ROD AND ODOT R/W CAP AS SHOWN ON SHEET. 3
3001	7+254.240	-97.536	228445.6600	1202837.7269	SET 16 MM IRON ROD AND ODOT R/W CAP AS SHOWN ON SHEET. 3
3002	7+274.662	-121.920	228415.9696	1202848.4757	SET 16 MM IRON ROD AND ODOT R/W CAP AS SHOWN ON SHEET. 3
3003	7+391.400	-121.920	228327.6282	1202802.0749	SET 16 MM IRON ROD AND ODOT R/W CAP AS SHOWN ON SHEET. 3
3004	7+406.555	-97.536	228325.9072	1202775.1543	SET 16 MM IRON ROD AND ODOT R/W CAP AS SHOWN ON SHEET. 3
3005	7+437.120	-97.536	228303.4288	1202767.5428	SET 16 MM IRON ROD AND ODOT R/W CAP AS SHOWN ON SHEET. 3
3006	7+345.680	-124.968	228358.9708	1202820.0816	SET 16 MM IRON ROD AND ODOT R/W CAP AS SHOWN ON SHEET. 3
3007	7+193.280	-45.720	228524.5338	1202824.3127	COMPUTED POINT AS SHOWN NOTHING SET



POSITION OF SECTION CORNER ESTABLISHED AT LOCUS OF TIES FROM POINTS 1004, 1051 AND ODOT CONTROL PT #2. NO INDICATION OF NAIL OR MONUMENT FOUND. NO MONUMENT SET THIS SURVEY.



DETAIL "A"

- LEGEND**
- [C] INDICATES COMPUTED DATA
 - [R] INDICATES RECORD DATA
 - [M] MEASURED THIS SURVEY
 - [] EMBRACES RECORD DATA
 - COMPUTED POINT ONLY
 - ▲ SET CONTROL POINT
 - ⊙ FOUND MONUMENT NOTED IN LIST
 - SET R/W MONUMENT NOTED IN LIST
 - [R-1] CS M 128-75
 - [R-2] CS 58-152
 - [R-3] ODOT 7B-7-12
 - [R-4] ODOT 7B-7-13

REGISTERED PROFESSIONAL LAND SURVEYOR
Edward K. Hall
OREGON
JANUARY 16, 1996
EDWARD K. HALL
2741
EXPIRES
30 JUNE 2001

REVISED 19 OCT 1999

OREGON DEPARTMENT OF TRANSPORTATION
R/W MONUMENTATION AND CONTROL MAP
WINCHESTER HILL
SLIDE REPAIR PROJECT
O.D.O.T. CREW 3811 COQUILLE
307 HWY. 42E COQUILLE, OR. 97423
O.D.O.T. KEY NO. 08936 1 OCT 1999 SHEET 2 OF 3

ST. HWY. 101-004B

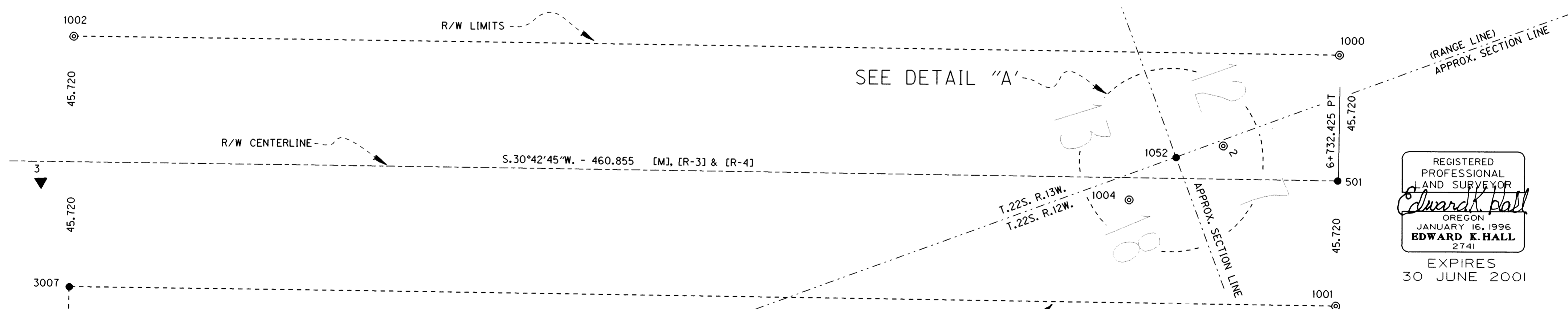
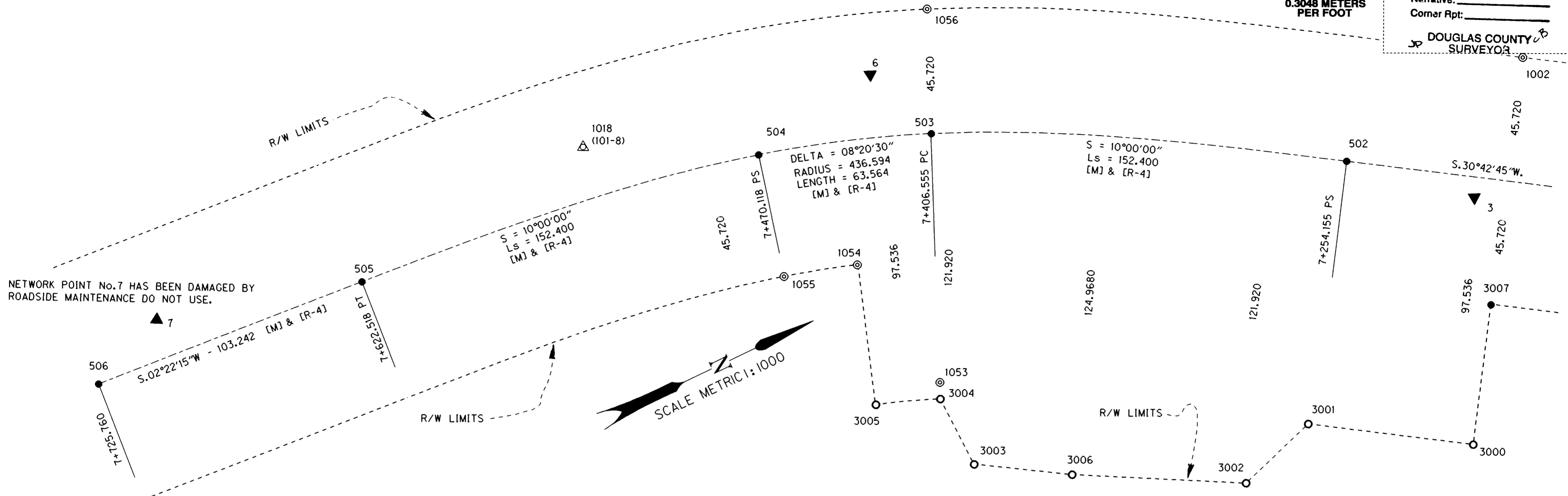
MAP FILE M133-47B

A PORTION OF THE EAST HALF OF SECTION 13
T.22 S., R.13 W. W.M. DOUGLAS COUNTY, OR.

COUNTY SURVEYORS FILE DATA
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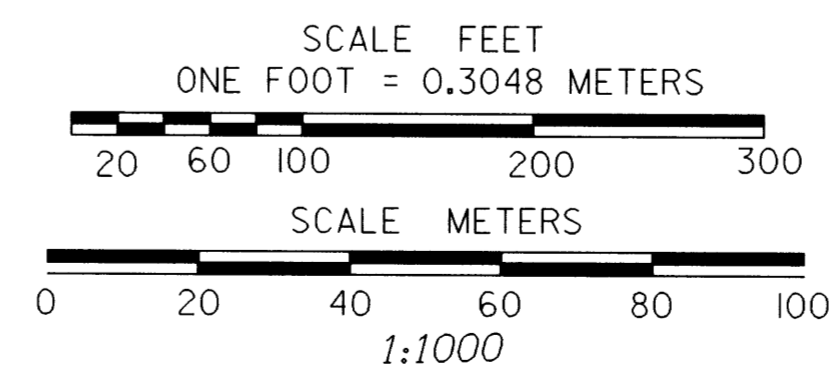
METRIC
0.3048 METERS
PER FOOT

FILED
Date: 11-8-1999 By: JP
This survey consists of: 3 SHEETS
Map: M133-47C
Narrative: _____
Corner Rpt: _____
DOUGLAS COUNTY SURVEYOR



REGISTERED
PROFESSIONAL
LAND SURVEYOR
Edward K. Hall
OREGON
JANUARY 16, 1996
EDWARD K. HALL
2741
EXPIRES
30 JUNE 2001

- LEGEND**
- [C] INDICATES COMPUTED DATA
 - [R] INDICATES RECORD DATA
 - [M] MEASURED THIS SURVEY
 - [] EMBRACES RECORD DATA
 - COMPUTED POINT ONLY
 - ▲ SET CONTROL POINT
 - ⊙ FOUND MONUMENT NOTED IN LIST
 - SET R/W MONUMENT NOTED IN LIST
 - [R-1] CS M 128-75
 - [R-2] CS 58-152
 - [R-3] ODOT 7B-7-12
 - [R-4] ODOT 7B-7-13
 - △ DCSO CONTROL MONUMENT



OREGON DEPARTMENT
OF TRANSPORTATION
R/W MONUMENTATION AND CONTROL MAP
**WINCHESTER HILL
SLIDE REPAIR PROJECT**
O.D.O.T. CREW 3811 COQUILLE
307 HWY. 42E COQUILLE, OR. 97423
O.D.O.T. KEY NO. 08936 1 OCT 1999 SHEET 3 OF 3

ST. HWY. 101-004C

MAP FILE M133-47C

MAP FILE M133-47C