MAP FILE M146-46A

COUNTY SURVEYORS FILE DATA
DO NOT REMOVE FROM OFFICE

RECORD OF SURVEY

LOCATED IN

SECTIONS 10,15,16,17, T21S, R4W, W.M.

DOUGLAS COUNTY, OREGON

FILED
Date: 10-12-2006 Pg. 3 C
This survey consists of:
Map: M146-46 A&B
Narrative:
Corner Ppt:
DOUGLAS COUNTY SURVEYOR

REGISTERED PROFESSIONAL LAND SURVEYOR
OREGON JULY 17, 1981
KRISTIAN O. DEGROOT 1961
RENEWAL DATE: 12-31-07

NARRATIVE:

THE PURPOSE OF THIS SURVEY WAS TO SURVEY NEW INTERSTATE 5 RIGHT OF WAY LINES AND TO POST THE BOUNDARY LINES OF A PORTION OF THE OREGON DEPARTMENT OF TRANSPORTATION (ODOT) PROPERTIES LOCATED SOUTH OF INTERSTATE 5 IN SECTIONS 10, 15, 16 AND 17, T21S, R4W, W.M., IN PREPARATION FOR THE SALE OF SURPLUS TIMBER PROPERTIES BY ODOT. A GPS CONTROL SURVEY WAS PERFORMED AND RANDOM LINE TRAVERSE LOOPS WERE SURVEYED BETWEEN CONTROLLING CORNERS, GPS POINTS, AND ALONG BOUNDARY LINES POSTED. A LEAST SQUARES ADJUSTMENT WAS PERFORMED ON ALL SURVEY OBSERVATIONS.

THE NE, SW AND S 1/4 CORNERS OF SECTION 16 WERE FOUND AS RESTORED IN THEIR ORIGINAL POSITIONS UNDER CORNER RENEWALS RECORDED WITH THE DOUGLAS COUNTY SURVEYOR'S OFFICE. THE NE CORNER AND NORTH 1/4 CORNER OF SECTION 15 WERE FOUND AS RESTORED BY PROPORTIONATE MEASUREMENT UNDER M 110-72. THE SE CORNER OF SECTION 16 WAS FOUND AS RESTORED BY PROPORTIONATE MEASUREMENT UNDER M 89-25. THE SOUTH 1/16 CORNER OF SECTION 16 AND 17 AND THE WITNESS CORNER TO THE EAST 1/16 CORNER OF SECTIONS 17 AND 20 WERE FOUND AS ESTABLISHED UNDER USBLM DEPENDENT RESURVEYS OF 1972 AND 1988. THE ABOVE LISTED CORNERS ALONG WITH MONUMENTS FOUND PER M 89-25, M 104-12, M 110-72, M 145-67, CS 43/179, OSHD DRAWING 7B-7-8, OSHD DRAWING 9B-14-22 AND OSHD DRAWING 9B-14-23 WERE USED TO CONTROL THE POSITION OF MONUMENTS ESTABLISHED AND BOUNDARY LINES POSTED UNDER THIS SURVEY. I ACCEPTED MONUMENTS ESTABLISHED BY DONALD PEEL IN 1967 AND 1990 UNDER M 104-12 AND M 110-72 AS DEFINING THE SOUTH LINE OF ODOT FILE 49675 (TAX LOTS: 21-04-10-00200 & 21-04-16-00200) AND POSTED THE BOUNDARY BETWEEN THESE MONUMENTS. THE EAST LINE OF ODOT FILE 19398 AND 19431 (TAX LOTS: 21-04-16-00600 & 21-04-16-00700) WAS POSTED ON THE NORTH-SOUTH CENTERLINE OF SECTION 16 BETWEEN THE SOUTH 1/4 CORNER AND THE CN 1/16 CORNER AS MONUMENTED UNDER CS 43/179. THE SOUTH LINE OF ODOT FILE 19431 (TAX LOTS: 21-04-16-00700 & 21-04-17-00800) WAS POSTED ON THE SOUTH LINES OF SECTION 16 AND SECTION 17. THE INTERSTATE 5 CENTERLINE WAS CONTROLLED BY OSHD DRAWING 9B-14-22 AND OSHD DRAWING 9B-14-23 REFERENCE MONUMENTS. I COMPUTED THE CENTERLINE PI'S FROM THE REFERENCE MONUMENTS FOUND LEFT AND RIGHT OF THE PSC AND PSC STATIONS AND THEN HELD THE RECORD CURVE DATA PER THE OSHD DRAWINGS. OSHD DRAWINGS 7B-7-8, 9B-14-22 AND 9B-14-23 DID NOT ESTABLISH A EASTERLY I-5 RIGHT OF WAY LINE THROUGH THE WEST 1/2 OF SECTION 16. UNDER THIS SURVEY A EASTERLY I-5 RIGHT OF WAY LINE HAS BEEN MONUMENTED AND POSTED BETWEEN APPROXIMATE STATIONS 115 AND 165 AS SPECIFIED BY THE ODOT RIGHT OF WAY DIVISION AND AS SHOWN ON THE FACE OF THIS MAP. THE NEW RIGHT OF WAY LINE BETWEEN STATION 153+00 AND THE WEST LINE OF ODOT FILE 19431 (TAX LOT 21-04-17-00800) WAS COMPUTED 20 FEET NORTHWESTERLY OF THE CENTERLINE OF "FA" 30 FOOT FRONTAGE ROAD EASEMENT DESIGNATED ON OSHD DRAWING 9B-14-~~22~~ 23. THE NEW RIGHT OF WAY LINES CLOSELY FOLLOW EXISTING FENCE LINES ALONG I-5.

THIS SURVEY WAS PERFORMED BY LES FANNING, ADAM DEGROOT, JERED CARPENTER AND JOEL HERZBERG USING LEICA SYSTEM 1200 TOTAL STATION AND GPS RECEIVERS COMPUTATIONS BY KRIS DEGROOT AND DRAFTING BY BILL WARREN.

* 23

CORNER DESCRIPTIONS:

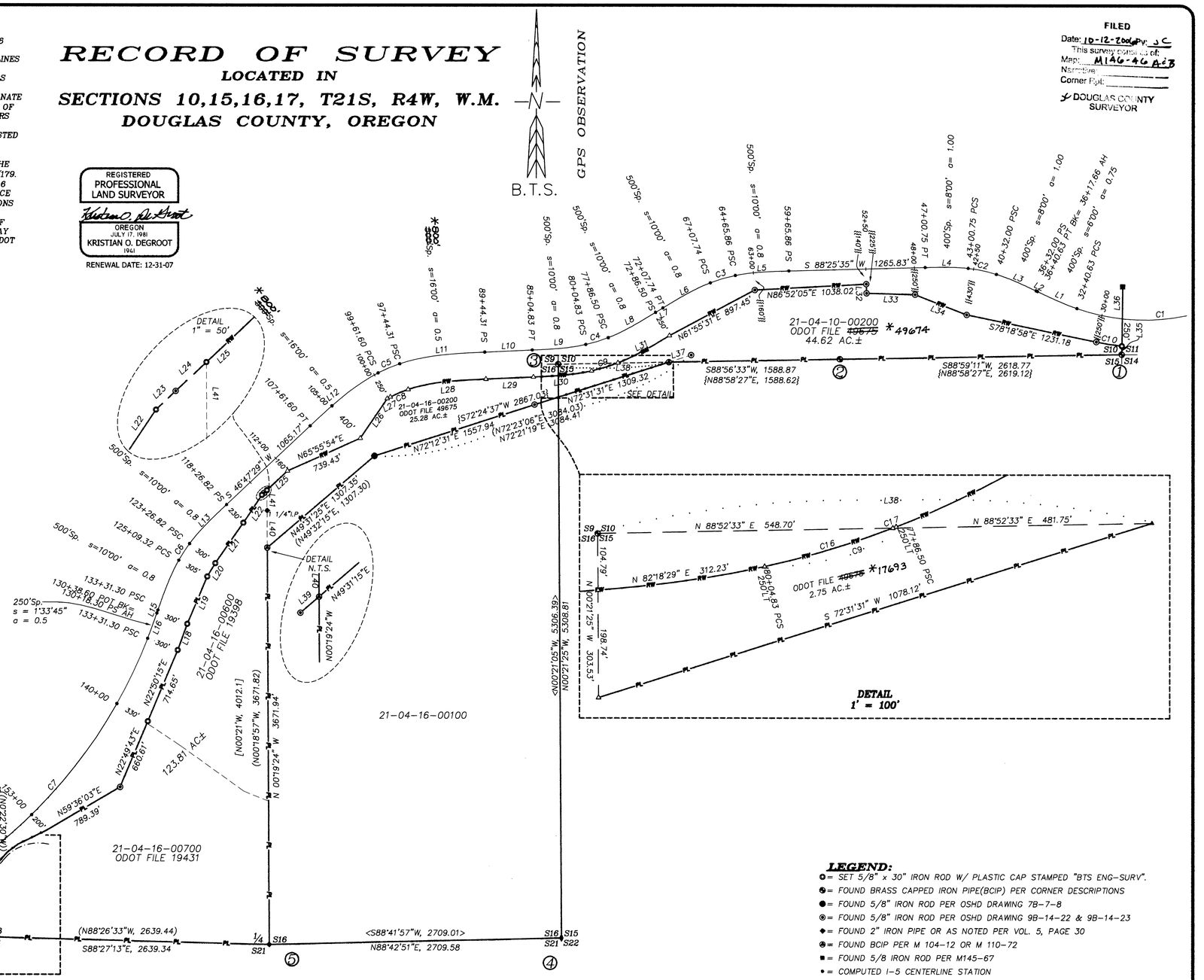
ALL NEW 5/8" x 30" IRON ROD REFERENCE MONUMENTS HAVE A PLASTIC CAP STAMPED "BTS ENG-SURV".

1. **S10/S11/S15/S14** FOUND 1990 BCIP AND ACCESSORIES BY PEEL PER M 110-72(PLSS ID. NO. 500500).
2. **1/4 S10/S15** FOUND 1990 BCIP & ACCESSORIES BY PEEL PER M 110-72 (PLSS ID NO. 440500)
3. **S9/S10/S15/S16** FOUND 1981 DCSO BCIP AND ACCESSORIES PER PLSS ID. NO. 400500
4. **S15/S16/S21/S22** FOUND 5/8 IRON ROD BY EIMSAD IN 1981 AND ACCESSORIES PER M 89-25 (PLSS ID. NO. 400400)
5. **1/4 S16/S21** FOUND 2" IRON PIPE AND ACCESSORIES BY EVANS IN 1949 (PLSS ID. NO. 340400)
6. **S16/S17/S20/S21** FOUND 1964 DCSO BCIP AND ACCESSORIES PER PLSS ID. NO. 300400
7. **W.C. E 1/16 S17/S20** FOUND BLM BCIP AND ACCESSORIES PER 1988 DEPENDENT RESURVEY
8. **S 1/16 S16/S17** FOUND 1972 BLM BCIP AND ACCESSORIES PER 1972 DEPENDENT RESURVEY

* AFFIDAVIT OF CORRECTION: RECORDED DEC. 29, 2006 AS INSTRUMENT No. 2006-030766 COUNTY CLERK RECORDS C.S. FILE 65/56-13

NO.	BEARING	DISTANCE	RECORD
L1	N66°49'20"W	399.81	SPIRAL CHORD
L2	N64°49'21"W	14.44	
L3	N67°29'19"W	399.65	SPIRAL CHORD
L4	N88°54'26"W	399.65	SPIRAL CHORD
L5	S85°05'38"W	499.32	SPIRAL CHORD
L6	S62°06'29"W	499.32	SPIRAL CHORD
L7	S58°46'32"W	79.28	
L8	S62°06'29"W	499.32	SPIRAL CHORD
L9	S84°08'49"W	499.32	SPIRAL CHORD
L10	S87°28'46"W	440.41	
L11	S82°08'59"W	797.23	SPIRAL CHORD
L12	S52°07'16"W	797.23	SPIRAL CHORD
L13	S43°27'32"W	499.32	SPIRAL CHORD
L14	S22°49'39"W	499.32	SPIRAL CHORD
L15	S19°29'42"W	29.93	
L16	S20°00'57"W	249.99	SPIRAL CHORD
L17	S62°54'32"W	249.99	SPIRAL CHORD
L18	N20°01'27"E	258.17	
L19	N23°01'57"E	476.36	
L20	N31°09'20"E	143.87	
L21	N34°50'32"E	456.27	
L22	N33°43'40"E	309.69	
L23	N46°32'08"E	25.19	
L24	N46°57'21"E	39.10	
L25	N46°47'29"E	260.76	
L26	N34°15'43"E	444.62	
L27	N62°02'03"E	31.86	SPIRAL CHORD
L28	N82°24'18"E	727.73	SPIRAL CHORD
L29	N87°28'46"E	440.41	
L30	N84°00'47"E	542.88	SPIRAL CHORD
L31	N62°14'31"E	542.88	SPIRAL CHORD
L32	S01°46'51"E	84.52	
L33	S88°24'57"E	449.84	
L34	S68°44'12"E	514.47	
L35	N00°47'21"E	79.25	
L36	N00°47'21"E	549.05	
L37	S72°22'56"W	217.16	{S72°24'37"W 217.00'}
L38	S88°52'33"W	1030.45	{N88°58'27"E 1030.51'}
L39	S48°32'39"W	3.73	(N49°32'15"E 3.89')
L40	N00°19'48"W	343.99	(N00°18'57"W 344.00')
L41	N00°19'48"W	188.38	

NO.	DELTA	RADIUS	ARC	BEARING	CHORD
C1	48°00'08"	1909.86	1600.08	N85°10'35"E	1553.69
C2	10°45'04"	1432.39	268.78	N78°11'53"W	268.38
C3	9°39'03"	1432.39	241.27	S73°36'04"W	240.98
C4	8°42'14"	1432.39	217.60	N73°07'39"E	217.39
C5	8°41'18"	1432.39	217.21	S67°08'07"W	217.00
C6	7°17'46"	1432.39	182.40	S33°08'35"W	182.28
C7	40°48'35"	4583.66	3264.79	N41°27'45"E	3196.21
C8	8°41'18"	1182.39	179.30	S67°08'07"W	179.12
C9	8°42'14"	1682.39	255.57	N73°07'39"E	255.33
C10	6°49'18"	2020.02	240.51	S81°07'29"E	240.36
C11	7°20'30"	1432.39	183.54	N65°27'30"E	183.42
C12	21°00'30"	477.46	175.07	N51°17'00"E	174.09
C13	62°40'00"	409.26	447.62	S72°06'45"W	425.64
C14	12°42'49"	457.46	101.51	N55°25'50"E	101.30
C15	8°17'41"	457.47	66.23	N44°55'35"E	66.17
C16	8°28'56"	1682.39	249.06	N73°14'18"E	248.84
C17	0°13'18"	1682.39	6.51	N68°53'11"E	6.51



LEGEND:

- ⊙ = SET 5/8" x 30" IRON ROD W/ PLASTIC CAP STAMPED "BTS ENG-SURV".
- ⊛ = FOUND BRASS CAPPED IRON PIPE(BCIP) PER CORNER DESCRIPTIONS
- ● = FOUND 5/8" IRON ROD PER OSHD DRAWING 7B-7-8
- ◉ = FOUND 5/8" IRON ROD PER OSHD DRAWING 9B-14-22 & 9B-14-23
- ◆ = FOUND 2" IRON PIPE OR AS NOTED PER VOL. 5, PAGE 30
- ⊗ = FOUND BCIP PER M 104-12 OR M 110-72
- ■ = FOUND 5/8 IRON ROD PER M145-67
- • = COMPUTED I-5 CENTERLINE STATION
- △ = COMPUTED POINT
- ( ) = RECORD PER M104-12
- [ ] = RECORD PER CS 43/179
- { } = RECORD PER M110-72
- < > = RECORD PER M89-25
- (( )) = RECORD PER 1988 USBLM DEPENDENT RESURVEY
- {{ }} = RECORD PER OSHD DRAWING 9B-14-22 & 9B-14-23
- = PROPERTY LINES BLAZED, PAINTED & POSTED WITH 5 1/2' STEEL POSTS.
- = ODOT I-5 R/W OR ACCESS CONTROL LINE

BTS ENGINEERING & SURVEYING, INC.
431 S.E. MAIN ST., ROSEBURG, OR 97470
PHONE (541) 673-0966 FAX (541) 673-0105

SCALE: 1" = 500'	FOR: O.D.O.T. RIGHT-OF-WAY SECTION 355 CAPITOL STREET NE SALEM, OR 97301-3871	JOB #: 06-015
DATE: OCTOBER 2, 2006		FILE: 06-015 PLAT.DWG
		SHEET 1 OF 2

MAP FILE M146-46A