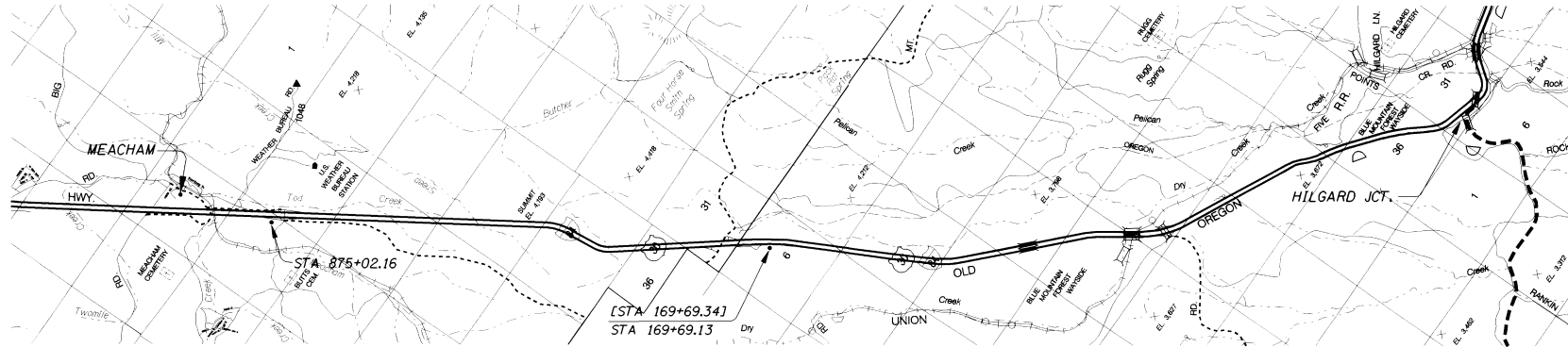
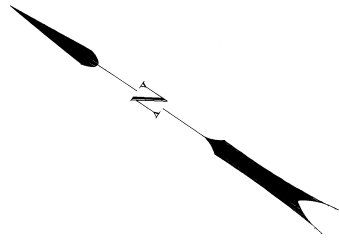
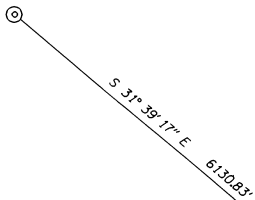


MONUMENTATION SURVEY
SITUATED IN
THE SE¹/₄ OF SECTION 14, THE NW¹/₄, SW¹/₄ & SE¹/₄ OF SECTION 24,
THE NE¹/₄ & SE¹/₄ OF SECTION 25
T.1 S., R.35 E., W.M.



BASIS OF BEARING
(NOT TO SCALE)

FND. 2 1/4" BRASS CAP, BM X-573
STAMPED "X 573 1963
803+44.77 146.28' RP POT"
N 679480.12
E 8735171.60



FND. TRIANGULATION STATION "MEACH"
3" BRASS CAP IN CONCRETE
STAMPED "MEACH 1992"
N 674261.40
E 8738389.06

NOTE: COORDINATES ARE LOCAL DATUM PLANE

SURVEY NARRATIVE

The purpose of this survey was to monument property line adjustments to the existing Oregon Department of Transportation Right of Way. Right of Way centerline was re-established using found centerline reference monuments. The found monuments are at centerline stations 875+02.16 P.O.T. as described in Oregon Department of Transportation fieldnotes dated 1972, and 1+32.00 P.O.T., 60+70.42 P.S., 88+49.75 P.T. and 169+69.13 P.S. as described by grading plans for the Meacham-Glover project no. N-IF-62(7) dated September 1955. At these points, two reference monuments were set. The interior monument was set at a known distance while the outside monument was intended as a backsight. A diligent search was made for all monuments, however due to highway construction after these monuments were set, the interior monuments were destroyed.

Centerline station 875+02.16 P.O.T., a reference with a known distance, remained and centerline was established using the record distance from original fieldnotes and perpendicular to centerline. The Meacham-Glover project listed approximate distances but accurate angles to the reference monuments farthest from centerline at stations 1+32.00 P.O.T., 60+70.42 P.S. and 88+49.75 P.T. As these were the only monuments remaining, courses were held paramount to distances. The remaining monument at station 169+69.13 P.S. had only an approximate angle and distance, therefore centerline was re-established by record station and bearing. This station was also called for by Umatilla County Deed in Book 239 on Page 80. The original deed for this section of highway as described in Umatilla County Deed in Book 138 on Page 71, is compatible with Oregon Department of Transportation Drawing 7B-30-2. Oregon Department of Transportation R/W files 6335-001002X003 describe an alignment with slightly different stations and are compatible with Oregon Department of Transportation Drawing 10B-7-32. I have concluded that the curve points of the original deed and the curve points of file 6335-001002X003 are in the same plane.

Two additional monuments were recovered opposite stations 12+71.02 and 21+36.66 as described by Umatilla County Deed in Book 239 on Page 80 and Oregon State Highway Division Drawing R-5-803. Although these do not fit perfectly with the re-established centerline, their position is reasonable and was accepted. The alignment also fits reasonably well with fences alongside the highway.

REGISTERED
PROFESSIONAL
LAND SURVEYOR

Robert E. Butler

ROBERT E. BUTLER
2733

EXPIRES 12-31-97
OREGON DEPARTMENT OF TRANSPORTATION
3016 ISLAND AVENUE
LAGRANGE, OREGON

12-96
KK
96-194-B

SURVEY FOR
OREGON DEPARTMENT OF TRANSPORTATION

PROJECT:
MEACHAM - HILGARD SECTION
(OLD OREGON TRAIL HWY.)

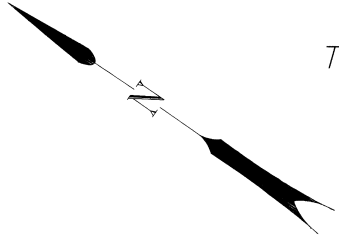
SURVEYED BY:
ROBERT E. BUTLER

DRAFTED BY:
CURTIS B. STOCKHOFF

DATE SURVEYED:
8-5-96 TO 11-14-96

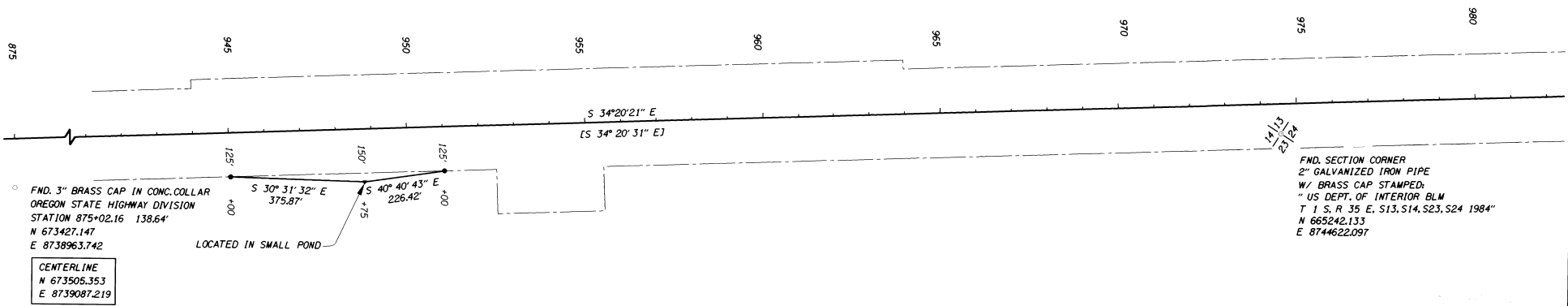
SHEET 1 OF 6

MONUMENTATION SURVEY
SITUATED IN
THE SE¹/₄ OF SECTION 14, THE NW¹/₄, SW¹/₄ & SE¹/₄ OF SECTION 24,
THE NE¹/₄ & SE¹/₄ OF SECTION 25
T. 1 S., R. 35 E., W.M.



SCALE
1" = 200'
LOCAL DATUM PLANE

STATION	NORTHING	EASTING	OFFSET
945+00.00	667656.008	8742922.849	125.00' RT.
948+75.00	667332.230	8743113.763	150.00' RT.
951+00.00	667160.526	8743261.341	125.00' RT.



FND. SECTION CORNER
2" GALVANIZED IRON PIPE
W/ BRASS CAP STAMPED:
US DEPT. OF INTERIOR BLM
T 1 S. R 35 E, S13, S14, S23, S24 1984"
N 665242.133
E 8744622.097

12-96
KK
96-174-B

CENTERLINE
N 673505.353
E 8739087.219

FND. 3" BRASS CAP IN CONC. COLLAR
OREGON STATE HIGHWAY DIVISION
STATION 875+02.16 138.64'
N 673427.147
E 8738963.742

LOCATED IN SMALL POND

LEGEND

- FOUND MONUMENT AS NOTED
- SET 3/8" X 30" IRON PIN WITH ODOT ALUMINUM CAP
- ▲ MONUMENT NOT SET
- [] ODOT RW FILE NO. 6339-001.002.003
- ODOT RW DRAWING NO. 108-7-32

REFERENCES

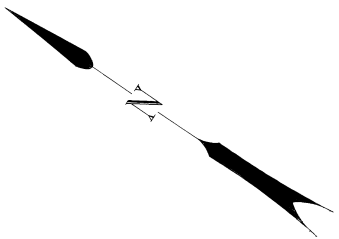
- ODOT RW FILE NO. 6339-001 (002) (003)
- ODOT RW DRAWING NO. 108-7-32
- ODOT RW DRAWING NO. 7B-30-7
- OSHD PROJECT NO. IN-F1-6217
- UMATILLA COUNTY DEED; BOOK 229, PAGE 689
- UMATILLA COUNTY DEED; BOOK 138, PAGE 71
- UMATILLA COUNTY DEED; BOOK 239, PAGE 80
- OSHD DRAWING IR-5-803

REGISTERED
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LAND SURVEYOR
Robert E. Butler
ROBERT E. BUTLER
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EXPIRES 12-31-97
OREGON DEPARTMENT OF TRANSPORTATION
3012 ISLAND AVENUE
LA GRANGE, OREGON

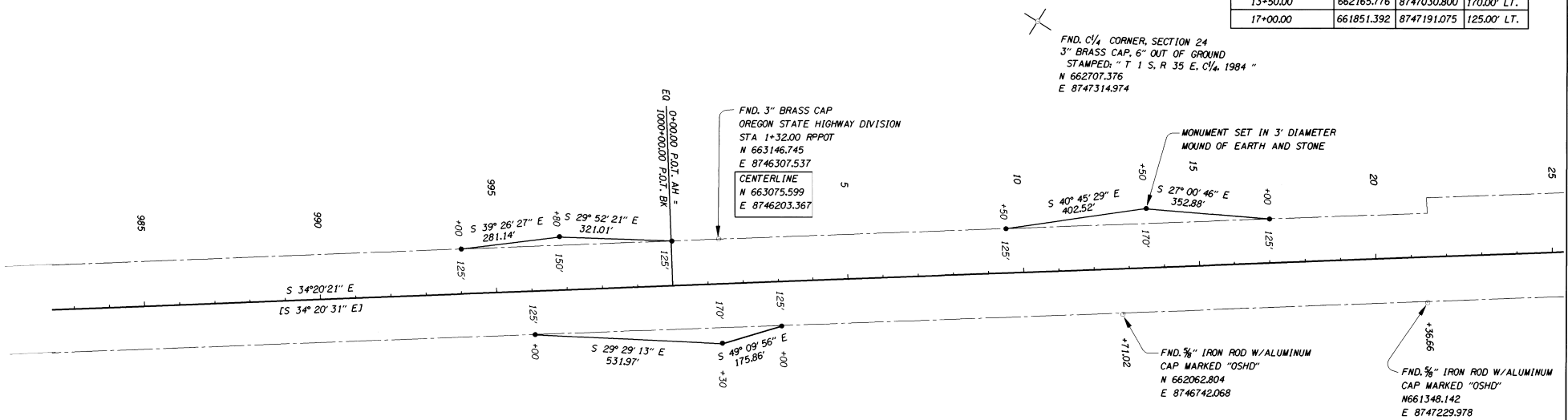
SURVEY FOR OREGON DEPARTMENT OF TRANSPORTATION	
PROJECT: MEACHAM - HILGARD SECTION (OLD OREGON TRAIL HWY.)	
SURVEYED BY: ROBERT E. BUTLER	DRAFTED BY: CURTIS B. STOCKHOFF
DATE SURVEYED: 8-5-96 TO 11-14-96	SHEET 2 OF 6

MONUMENTATION SURVEY
SITUATED IN
THE SE¹/₄ OF SECTION 14, THE NW¹/₄, SW¹/₄ & SE¹/₄ OF SECTION 24,
THE NE¹/₄ & SE¹/₄ OF SECTION 25
T. 1 S., R. 35 E., W.M.



SCALE
1" = 200'
LOCAL DATUM PLANE

STATION	NORTHING	EASTING	OFFSET
994+00.00	663750.598	8745893.622	125.00' LT.
996+80.00	663533.476	8746072.227	150.00' LT.
EQ 0+00.00 AH			
EQ 1000+00.00 BK	663255.116	8746232.113	125.00' LT.
996+00.00	663444.415	8745800.024	125.00' RT.
1+30.00	662981.355	8746061.868	170.00' RT.
3+00.00	662866.368	8746194.920	125.00' RT.
9+50.00	662470.677	8746768.007	125.00' LT.
13+50.00	662165.776	8747030.800	170.00' LT.
17+00.00	661851.392	8747191.075	125.00' LT.



FND. C¹/₄ CORNER, SECTION 24
3" BRASS CAP, 6" OUT OF GROUND
STAMPED: "T 1 S. R 35 E, C¹/₄, 1984"
N 662707.376
E 8747314.974

FND. 3" BRASS CAP
OREGON STATE HIGHWAY DIVISION
STA 1+32.00 RPPOT
N 663146.745
E 8746307.537
CENTERLINE
N 663075.599
E 8746203.367

MONUMENT SET IN 3' DIAMETER
MOUND OF EARTH AND STONE

FND. 5/8" IRON ROD W/ALUMINUM
CAP MARKED "OSHD"
N 662062.804
E 8746742.068

FND. 5/8" IRON ROD W/ALUMINUM
CAP MARKED "OSHD"
N 661348.142
E 8747229.978

12-96
KK
96-194-B

LEGEND

- FOUND MONUMENT AS NOTED
 - SET 5/8" X 30" IRON PIN WITH ODOT ALUMINUM CAP
 - ▲ MONUMENT NOT SET
- [] ODOT RW FILE NO. 6339-001.002.003
ODOT RW DRAWING NO. 10B-7-32

REFERENCES

ODOT RW FILE NO. 6339-001 (002)(003)
ODOT RW DRAWING NO. 10B-7-32
ODOT RW DRAWING NO. 7B-30-7
OSHD PROJECT NO. IN-FI-62(7)
UMATILLA COUNTY DEED; BOOK 229, PAGE 689
UMATILLA COUNTY DEED; BOOK 138, PAGE 71
UMATILLA COUNTY DEED; BOOK 239, PAGE 80
OSHD DRAWING 1R-5-803

REGISTERED
PROFESSIONAL
LAND SURVEYOR

Robert E. Butler
ROBERT E. BUTLER
2733

EXPIRES 12-31-97
JULY 25, 1995
OREGON DEPARTMENT OF TRANSPORTATION
3012 ISLAND AVENUE
LAGRANDE, OREGON

SURVEY FOR
OREGON DEPARTMENT OF TRANSPORTATION

PROJECT:
MEACHAM - HILGARD SECTION
(OLD OREGON TRAIL HWY.)

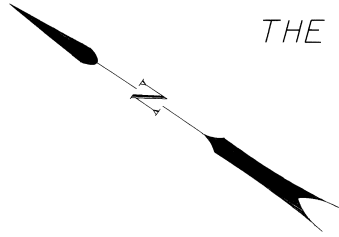
SURVEYED BY:
ROBERT E. BUTLER

DRAFTED BY:
CURTIS B. STOCKHOFF

DATE SURVEYED:
8-5-96 TO 11-14-96

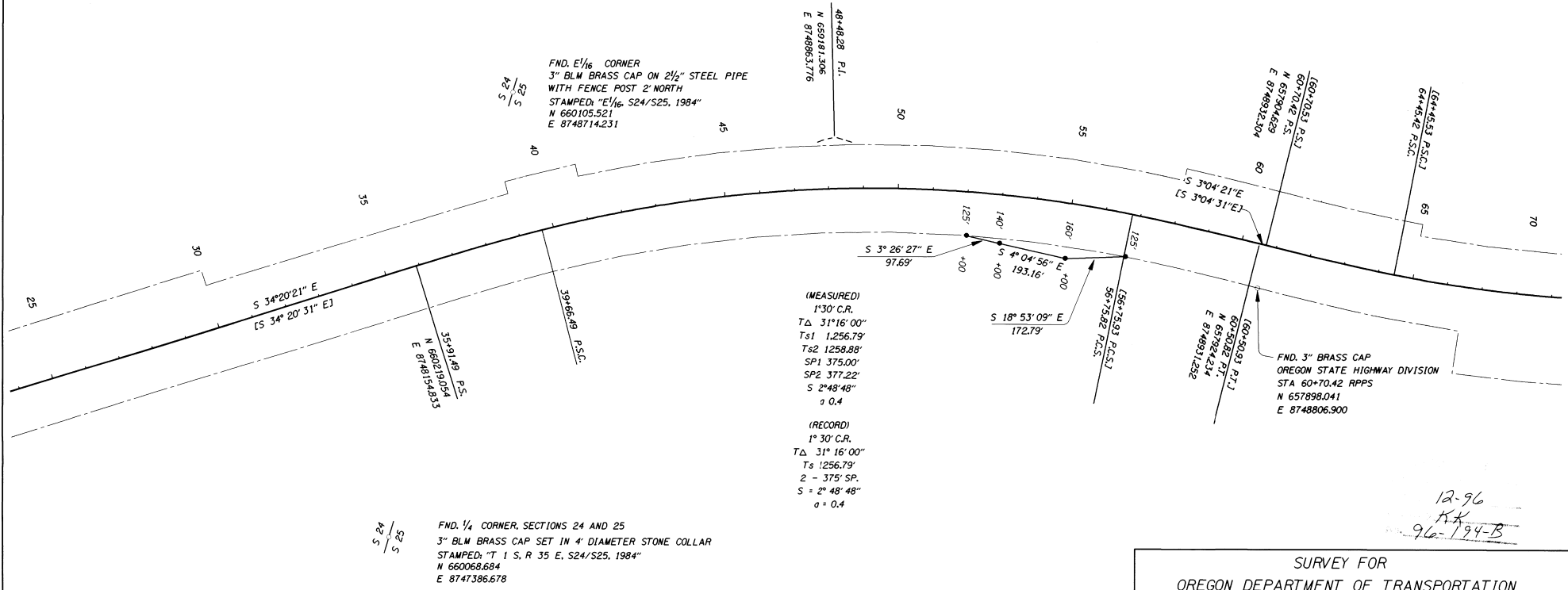
SHEET 3 OF 6

MONUMENTATION SURVEY
SITUATED IN
THE SE¹/₄ OF SECTION 14, THE NW¹/₄, SW¹/₄ & SE¹/₄ OF SECTION 24,
THE NE¹/₄ & SE¹/₄ OF SECTION 25
T.1 S., R.35 E., W.M.



SCALE
1" = 200'
LOCAL DATUM PLANE

STATION	NORTHING	EASTING	OFFSET
52+00.00	658741.346	8748704.989	125.00' RT.
53+00.00	658643.835	8748710.852	140.00' RT.
55+00.00	658451.164	8748724.603	160.00' RT.
56+75.82	658287.675	8748780.533	125.00' RT.



FND. 1/4 CORNER, SECTIONS 24 AND 25
3" BLM BRASS CAP SET IN 4" DIAMETER STONE COLLAR
STAMPED: "T 1 S, R 35 E, S24/S25, 1984"
N 660068.684
E 8747386.678

LEGEND

- FOUND MONUMENT AS NOTED
- SET 3/8" X 30" IRON PIN WITH ODOT ALUMINUM CAP
- ▲ MONUMENT NOT SET
- [] ODOT RW FILE NO. 6339-001, 002, 003
- ODOT RW DRAWING NO. 10B-7-32

REFERENCES

- ODOT RW FILE NO. 6339-001 (002)(003)
- ODOT RW DRAWING NO. 10B-7-32
- ODOT RW DRAWING NO. 7B-30-7
- OSHD PROJECT NO. IN-FI-6217
- UMATILLA COUNTY DEED; BOOK 229, PAGE 689
- UMATILLA COUNTY DEED; BOOK 138, PAGE 71
- UMATILLA COUNTY DEED; BOOK 239, PAGE 80
- OSHD DRAWING IR-5-803

REGISTERED
PROFESSIONAL
LAND SURVEYOR

Robert E. Butler

OREGON
JULY 29, 1999
ROBERT E. BUTLER
2733

EXPIRES 12-31-97
OREGON DEPARTMENT OF TRANSPORTATION
3012 ISLAND AVENUE
LAGRANDE, OREGON

12-96
R.E.
96-194-B

SURVEY FOR OREGON DEPARTMENT OF TRANSPORTATION	
PROJECT: MEACHAM - HILGARD SECTION (OLD OREGON TRAIL HWY.)	
SURVEYED BY: ROBERT E. BUTLER	DRAFTED BY: CURTIS B. STOCKHOFF
DATE SURVEYED: 8-5-96 TO 11-14-96	SHEET 4 OF 6

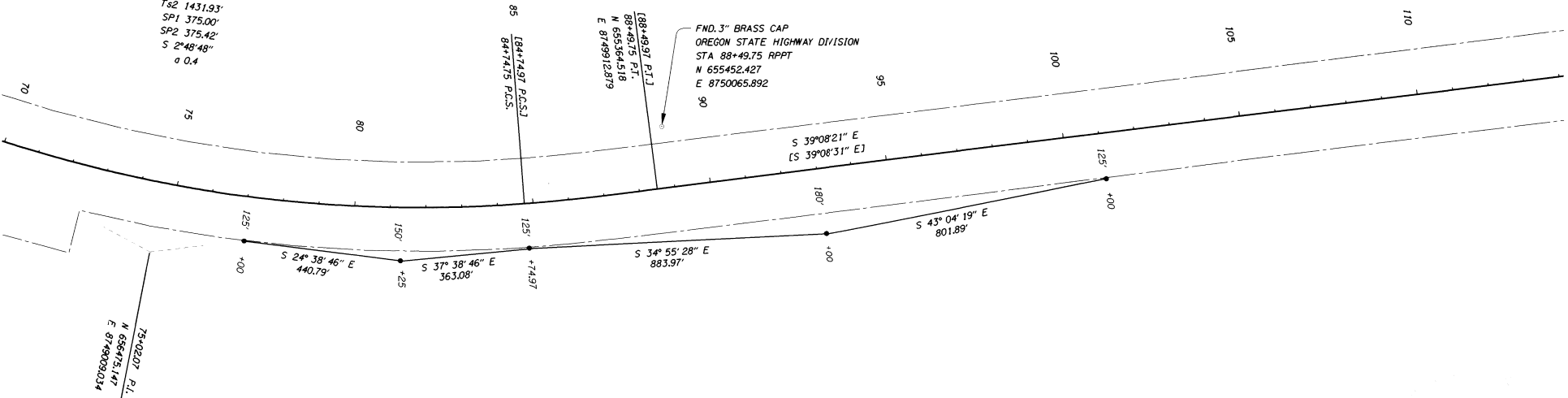
MONUMENTATION SURVEY
SITUATED IN
THE SE¹/₄ OF SECTION 14, THE NW¹/₄, SW¹/₄ & SE¹/₄ OF SECTION 24,
THE NE¹/₄ & SE¹/₄ OF SECTION 25
T. 1 S., R. 35 E., W.M.

SCALE
1" = 200'
LOCAL DATUM PLANE

STATION	NORTHING	EASTING	OFFSET
77+00.00	656273.590	8749174.443	125.00' RT.
81+25.00	655872.951	8749358.259	150.00' RT.
84+74.97	655585.461	8749580.025	125.00' RT.
93+00.00	654901.680	8750057.469	180.00' RT.
101+00.00	654315.904	8750605.093	125.00' RT.

(RECORD)
I° 30' 00" C.L.
TΔ 36° 04' 00"
Ts 431.54'
2 - 375' SP.
S 2° 48' 48"
A 0.4

(MEASURED)
I° 30' C.L.
TΔ 36° 04'
Ts1 1,431.54'
Ts2 1,431.93'
SP1 375.00'
SP2 375.42'
S 2° 48' 48"
A 0.4



LEGEND

- FOUND MONUMENT AS NOTED
- SET 5/8" X 30" IRON PIN WITH ODOT ALUMINUM CAP
- ▲ MONUMENT NOT SET
- [] ODOT RW FILE NO. 63339-001.002.003
- ODOT RW DRAWING NO. 10B-7-32

REFERENCES

ODOT RW FILE NO. 63339-001 (002)(003)
ODOT RW DRAWING NO. 10B-7-32
ODOT RW DRAWING NO. 7B-30-7
OSHD PROJECT NO. 1N-FI-62(7)
UMATILLA COUNTY DEED; BOOK 229, PAGE 689
UMATILLA COUNTY DEED; BOOK 138, PAGE 71
UMATILLA COUNTY DEED; BOOK 239, PAGE 80
OSHD DRAWING 1R-5-803

REGISTERED
PROFESSIONAL
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Robert E. Butler
ROBERT E. BUTLER
2733

EXPIRES 12-31-97
OREGON DEPARTMENT OF TRANSPORTATION
3012 ISLAND AVENUE
LAGRANDE, OREGON

12-96
**
96-194-B

SURVEY FOR
OREGON DEPARTMENT OF TRANSPORTATION

PROJECT:
MEACHAM - HILGARD SECTION
(OLD OREGON TRAIL HWY.)

SURVEYED BY:
ROBERT E. BUTLER

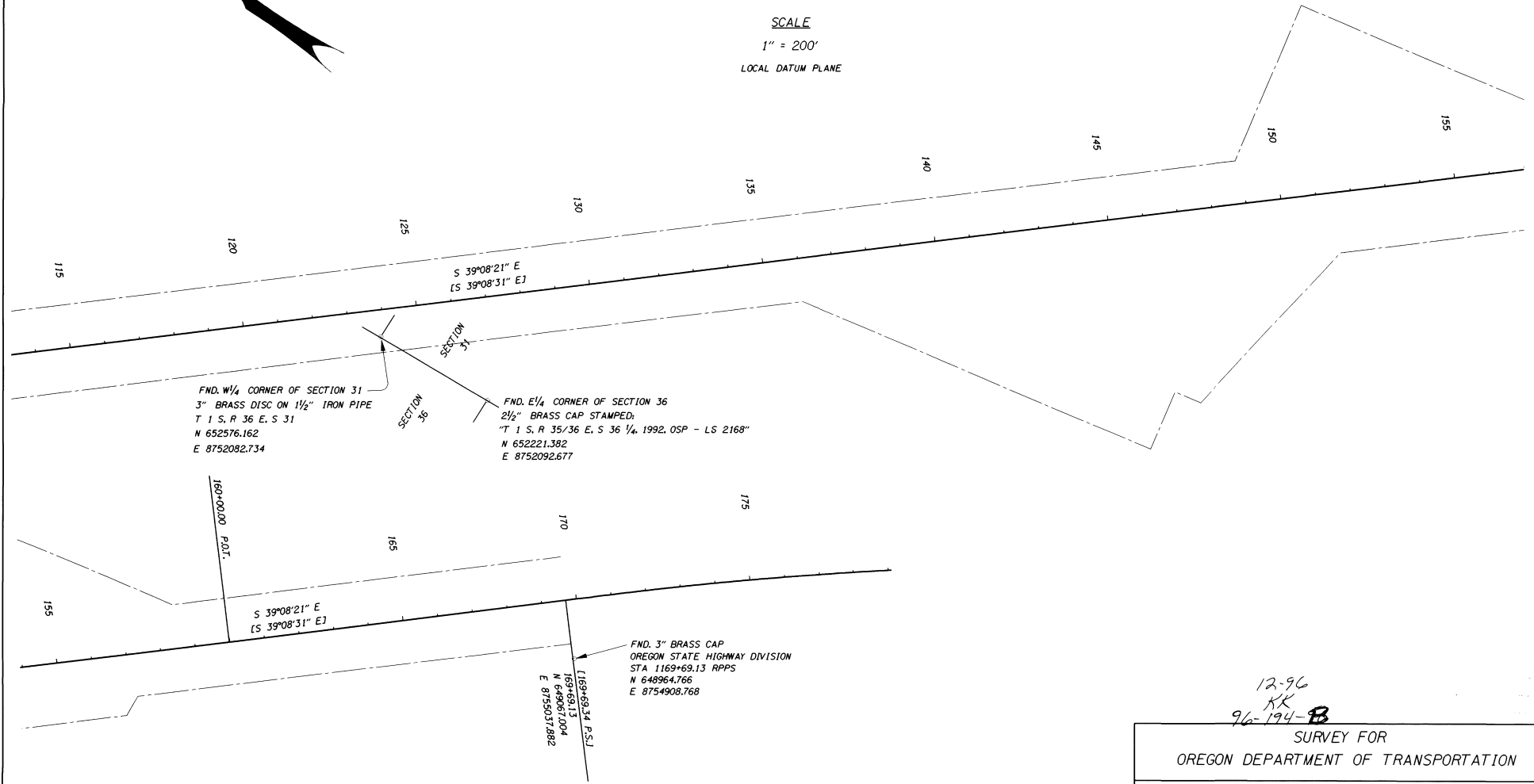
DRAFTED BY:
CURTIS B. STOCKHOFF

DATE SURVEYED:
8-5-96 TO 11-14-96

SHEET 5 OF 6

MONUMENTATION SURVEY
SITUATED IN
THE SE¹/₄ OF SECTION 14, THE NW¹/₄, SW¹/₄ & SE¹/₄ OF SECTION 24,
THE NE¹/₄ & SE¹/₄ OF SECTION 25
T. 1 S., R. 35 E., W.M.

SCALE
1" = 200'
LOCAL DATUM PLANE



FND. W¹/₄ CORNER OF SECTION 31
3" BRASS DISC ON 1/2" IRON PIPE
T 1 S. R 36 E. S 31
N 652576.162
E 8752082.734

FND. E¹/₄ CORNER OF SECTION 36
2 1/2" BRASS CAP STAMPED:
"T 1 S. R 35/36 E. S 36 1/4. 1992. OSP - LS 2168"
N 652221.382
E 8752092.677

FND. 3" BRASS CAP
OREGON STATE HIGHWAY DIVISION
STA 1169+69.13 RPPS
N 648964.766
E 8754908.768

LEGEND

- FOUND MONUMENT AS NOTED
 - SET 5/8" X 30" IRON PIN WITH ODOT ALUMINUM CAP
 - ▲ MONUMENT NOT SET
- [] ODOT RW FILE NO. 6339-001.002.003
ODOT RW DRAWING NO. 10B-7-32

REFERENCES

ODOT RW FILE NO. 6339-001 (002) (003)
ODOT RW DRAWING NO. 10B-7-32
ODOT RW DRAWING NO. 7B-30-7
OSHD PROJECT NO. IN-FI-62(7)
UMATILLA COUNTY DEED; BOOK 229, PAGE 689
UMATILLA COUNTY DEED; BOOK 138, PAGE 71
UMATILLA COUNTY DEED; BOOK 239, PAGE 80
OSHD DRAWING IR-5-803

REGISTERED
PROFESSIONAL
LAND SURVEYOR
Robert E. Butler
OREGON
JULY 29, 1995
ROBERT E. BUTLER
2733

EXPIRES 12-31-97
OREGON DEPARTMENT OF TRANSPORTATION
3012 ISLAND AVENUE
LAGRANGE, OREGON

12-96
KK
96-194-B

SURVEY FOR OREGON DEPARTMENT OF TRANSPORTATION	
PROJECT: MEACHAM - HILGARD SECTION (OLD OREGON TRAIL HWY.)	
SURVEYED BY: ROBERT E. BUTLER	DRAFTED BY: CURTIS B. STOCKHOFF
DATE SURVEYED: 8-5-96 TO 11-14-96	SHEET 6 OF 6