

T.1N.,R.33E.,W.M. - T.2N.,R.33E.,W.M. - T.1N.,R.34E.,W.M.
UMATILLA COUNTY

June 6, 1996

SURVEY NARRATIVE



| | | |
|--|--|----------------|
| OREGON DEPARTMENT OF TRANSPORTATION 3012 ISLAND AVE., LA GRANDE, OREGON 97850 | | SHEET NO. 1 |
| EMIGRANT HILL - POVERTY FLATS HIGHWAY # 6 UMATILLA COUNTY KEY I.D. NO. 03453 DATE OF SURVEY: March 15, 1996 | | OF 7 |

This survey is for the establishment of horizontal control, for the Emigrant Hill-Poverty Flats project located on highway #6 (I-84) between mile post 218.00 and mile post 225.70.

Basis of bearing was established from Big Hill Reset and Big Hill Az mark. Horizontal coordinates were established by GPS observations and adjusted by the National Geodetic survey in Feb. 1991. Horizontal datum is NAD 83 (1991) and vertical NGVD 29.

Due to the length of the project it was broken into two separate traverses. Also since Big Hill is a first order GPS point and Bend 2 is a third order triangulation station it was determined not to be a good point to close the traverse on. The first traverse ran from Big Hill Reset through triangulation station Bend 2 (pt. #22) and closed back on Big Hill Reset. The second traverse ran from Bend 2 to the end of the project and back.

The first traverse had a misclosure of 1:27577 before adjustment and 1:66734 after adjustment using the compass rule. The second traverse had a misclosure of 1:44080 before adjustment and 1:133035 after adjustment using the compass rule.

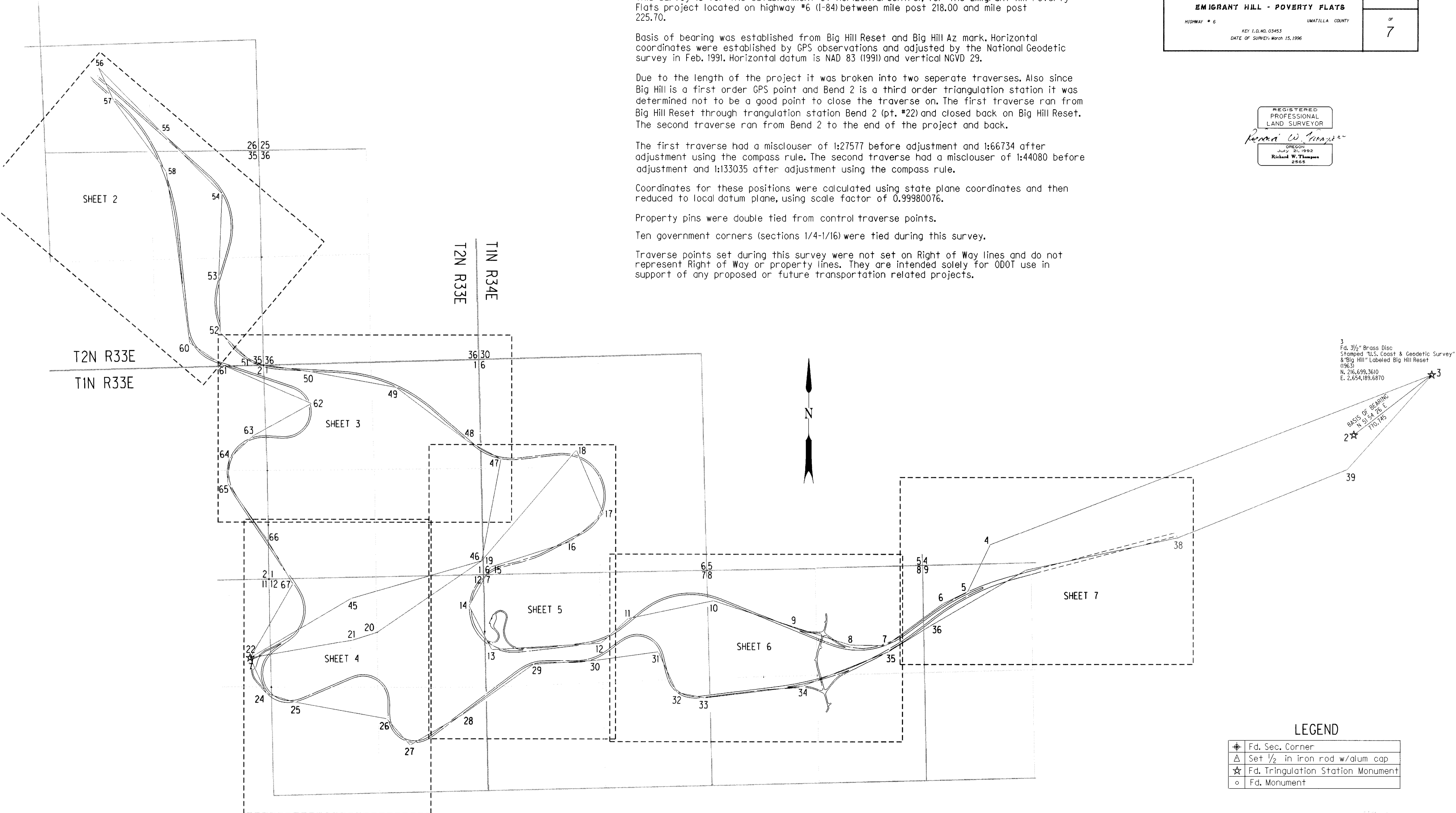
Coordinates for these positions were calculated using state plane coordinates and then reduced to local datum plane, using scale factor of 0.99980076.

Property pins were double tied from control traverse points.

Ten government corners (sections 1/4-1/16) were tied during this survey.

Traverse points set during this survey were not set on Right of Way lines and do not represent Right of Way or property lines. They are intended solely for ODOT use in support of any proposed or future transportation related projects.

REGISTERED
PROFESSIONAL
LAND SURVEYOR
Richard W. Thompson
OREGON
JULY 21, 1992
Richard W. Thompson
2868



LEGEND

| | |
|---|------------------------------------|
| ⊕ | Fd. Sec. Corner |
| △ | Set 1/2 in iron rod w/dium cap |
| ☆ | Fd. Triangulation Station Monument |
| ○ | Fd. Monument |

10-96
KK
96-113-c

T.1N.,R.33E.,W.M. - T.2N.,R.33E.,W.M.

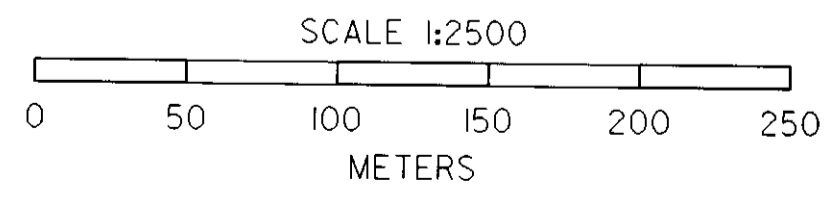
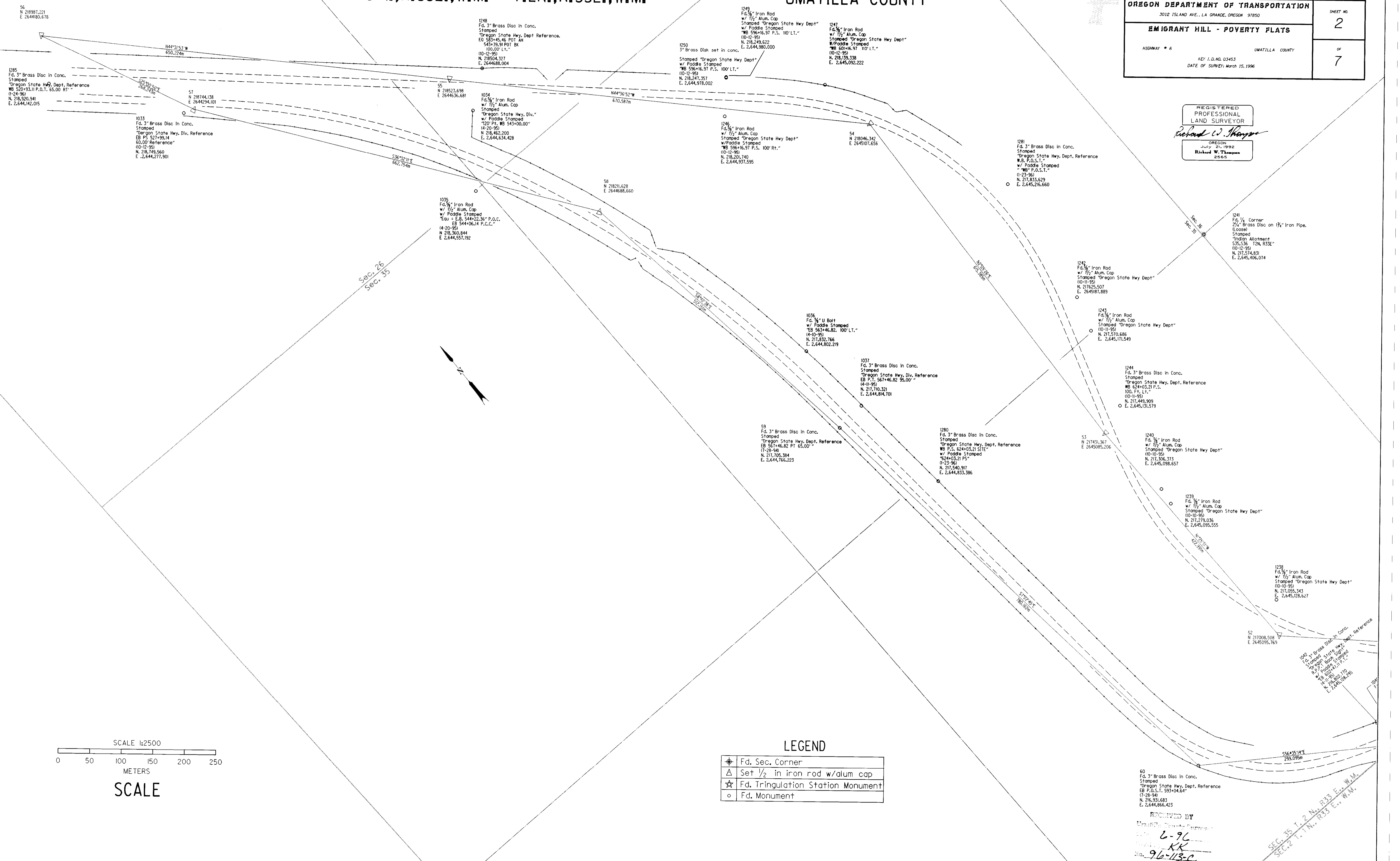
UMATILLA COUNTY

| | | |
|--|--|-----------|
| OREGON DEPARTMENT OF TRANSPORTATION | | SHEET NO. |
| 3012 ISLAND AVE., LA GRANDE, OREGON 97850 | | 2 |
| EMIGRANT HILL - POVERTY FLATS | | OF |
| HIGHWAY # 6 UMATILLA COUNTY | | 7 |
| KEY I.D.N.O. 03453 DATE OF SURVEY: March 15, 1996 | | |

REGISTERED
PROFESSIONAL
LAND SURVEYOR

Richard W. Thompson

OREGON
July 21, 1992
Richard W. Thompson
2555



SCALE

LEGEND

| | |
|---|-----------------------------------|
| ⊕ | Fd. Sec. Corner |
| △ | Set 1/2 in iron rod w/alum cap |
| ☆ | Fd. Tringulation Station Monument |
| ○ | Fd. Monument |

60
Fd. 3" Brass Disc in Conc.
Stamped "Oregon State Hwy. Dept. Reference"
EB P.S. 593+04.64"
(1-28-90)
N. 216,931,683
E. 2,644,866,423

RECEIVED BY
Maurice DeWitt, Coroner
L-9C
KK
No. 96-13-C

S.E.C. 35 T. 2 N., R. 33 E., W. M.
S.E.C. 2 T. 1 N., R. 33 E., W. M.

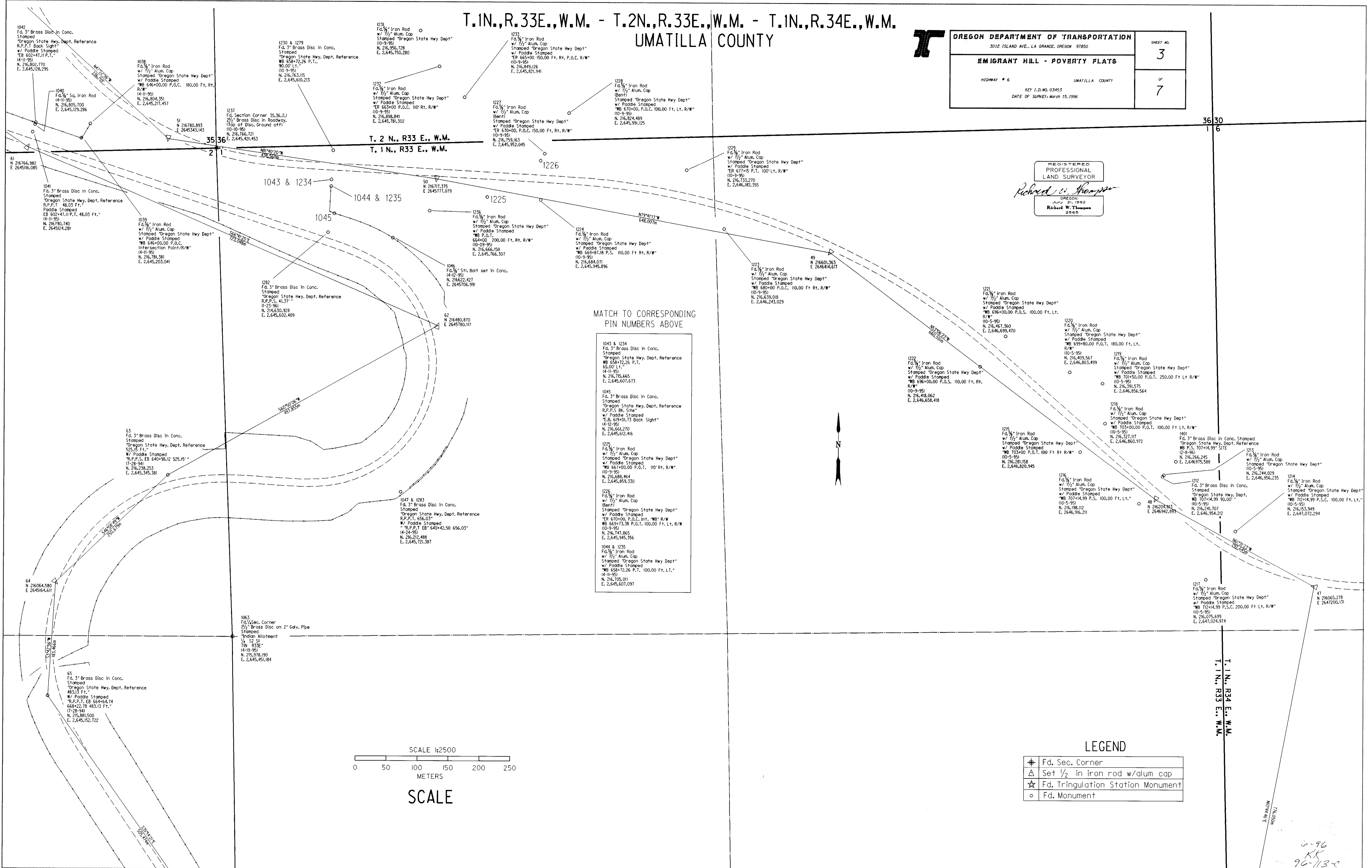
T.1N.,R.33E.,W.M. - T.2N.,R.33E.,W.M. - T.1N.,R.34E.,W.M.
UMATILLA COUNTY



OREGON DEPARTMENT OF TRANSPORTATION
3012 ISLAND AVE., LA GRANDE, OREGON 97850
EMIGRANT HILL - POVERTY FLATS
HIGHWAY # 6 UMATILLA COUNTY
KEY I.D. NO. 03453
DATE OF SURVEY: March 15, 1996

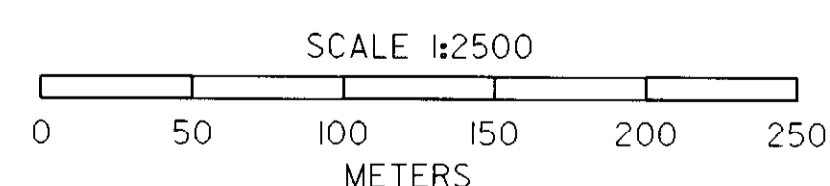
| | |
|-----------|---|
| SHEET NO. | 3 |
| OF | 7 |

REGISTERED PROFESSIONAL LAND SURVEYOR
Richard W. Thompson
Richard W. Thompson
2555



MATCH TO CORRESPONDING PIN NUMBERS ABOVE

- 1043 & 1234
Fd. 3" Brass Disc in Conc.
Stamped
"Oregon State Hwy. Dept. Reference
R.P.P.T. Back Sight"
w/ Paddle Stamped
"EB 602+47.11 P.T."
(4-11-95)
N. 216,802,770
E. 2,645,128,295
- 1045
Fd. 3" Brass Disc in Conc.
Stamped
"Oregon State Hwy. Dept. Reference
R.P.P.S. 41.37"
(1-23-96)
N. 216,630,928
E. 2,645,602,409
- 1047 & 1283
Fd. 3" Brass Disc in Conc.
Stamped
"Oregon State Hwy. Dept. Reference
R.P.P.T. 656.03"
w/ Paddle Stamped
"R.P.P.T. EB 640+42.50 656.03"
(4-24-95)
N. 216,212,488
E. 2,645,721,387
- 1044 & 1235
Fd. 3" Brass Disc in Conc.
Stamped
"Oregon State Hwy. Dept. Reference
R.P.P.T. 658+72.26 P.T."
(4-11-95)
N. 216,705,011
E. 2,645,607,097
- 1043 & 1234
Fd. 3" Brass Disc in Conc.
Stamped
"Oregon State Hwy. Dept. Reference
R.P.P.T. 48.03 Ft."
Paddle Stamped
"EB 602+47.11 P.T. 48.03 Ft."
(4-11-95)
N. 216,190,740
E. 2,645,203,041
- 1045
Fd. 3" Brass Disc in Conc.
Stamped
"Oregon State Hwy. Dept. Reference
R.P.P.S. 41.37"
(1-23-96)
N. 216,630,928
E. 2,645,602,409
- 1047 & 1283
Fd. 3" Brass Disc in Conc.
Stamped
"Oregon State Hwy. Dept. Reference
R.P.P.T. 656.03"
w/ Paddle Stamped
"R.P.P.T. EB 640+42.50 656.03"
(4-24-95)
N. 216,212,488
E. 2,645,721,387
- 1044 & 1235
Fd. 3" Brass Disc in Conc.
Stamped
"Oregon State Hwy. Dept. Reference
R.P.P.T. 658+72.26 P.T."
(4-11-95)
N. 216,705,011
E. 2,645,607,097



SCALE

LEGEND

| | |
|---|------------------------------------|
| ⊕ | Fd. Sec. Corner |
| △ | Set 1/2 in iron rod w/alum cap |
| ☆ | Fd. Triangulation Station Monument |
| ○ | Fd. Monument |

4-96
KK
96-113-2

T.1N.,R.33E.,W.M.
UMATILLA COUNTY

OREGON DEPARTMENT OF TRANSPORTATION
3012 ISLAND AVE., LA GRANDE, OREGON 97850

EMIGRANT HILL - POVERTY FLATS

HIGHWAY # 6 UMATILLA COUNTY

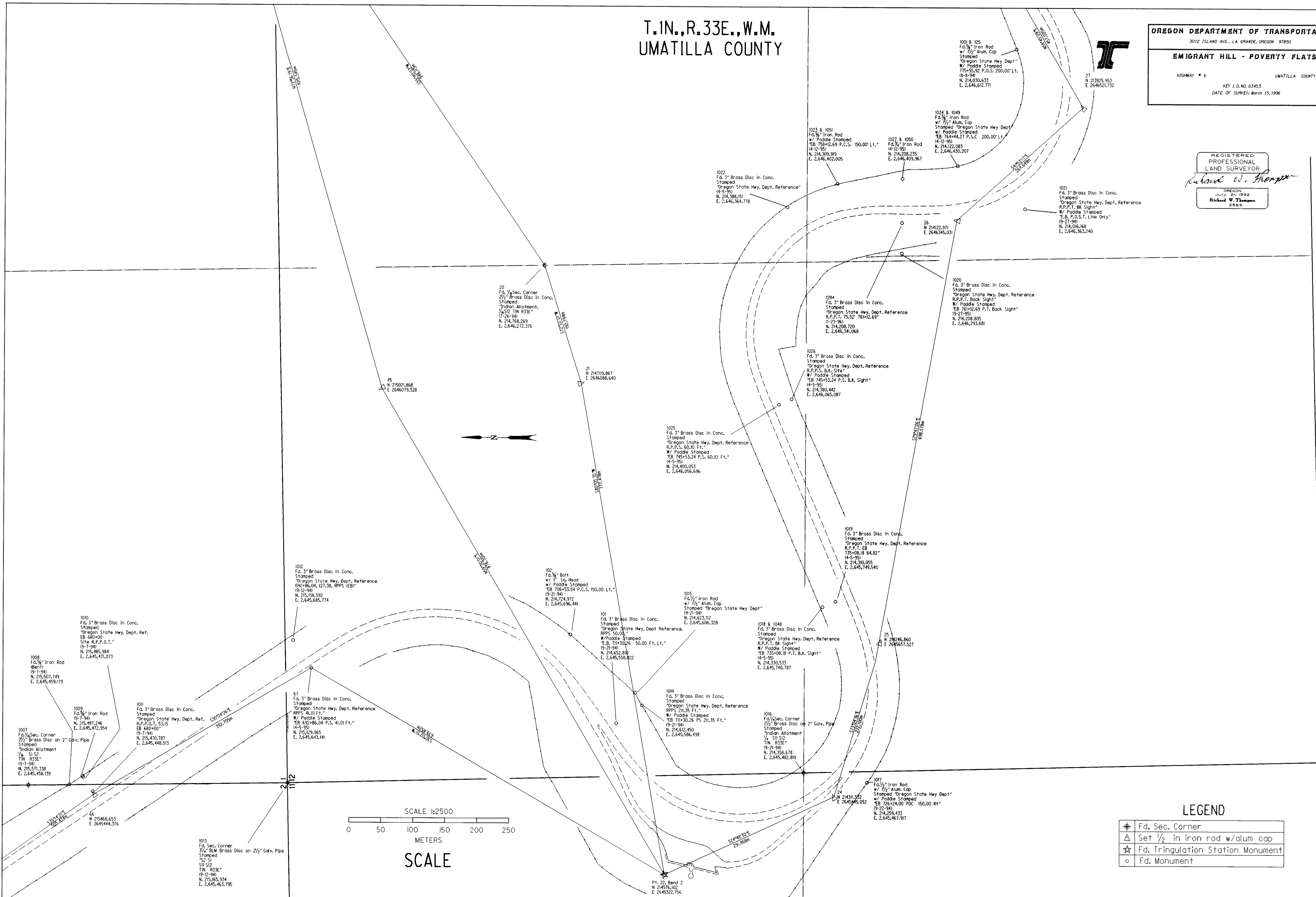
KEY I.D. NO. 03453
DATE OF SURVEY: March 15, 1996

SHEET NO.
4
OF
7

REGISTERED
PROFESSIONAL
LAND SURVEYOR

Richard W. Thompson

OREGON
JULY 21, 1992
Richard W. Thompson
2565



LEGEND

| | |
|--|------------------------------------|
| | F.d. Sec. Corner |
| | Set 1/2 in iron rod w/alum cap |
| | F.d. Tringulation Station Monument |
| | F.d. Monument |

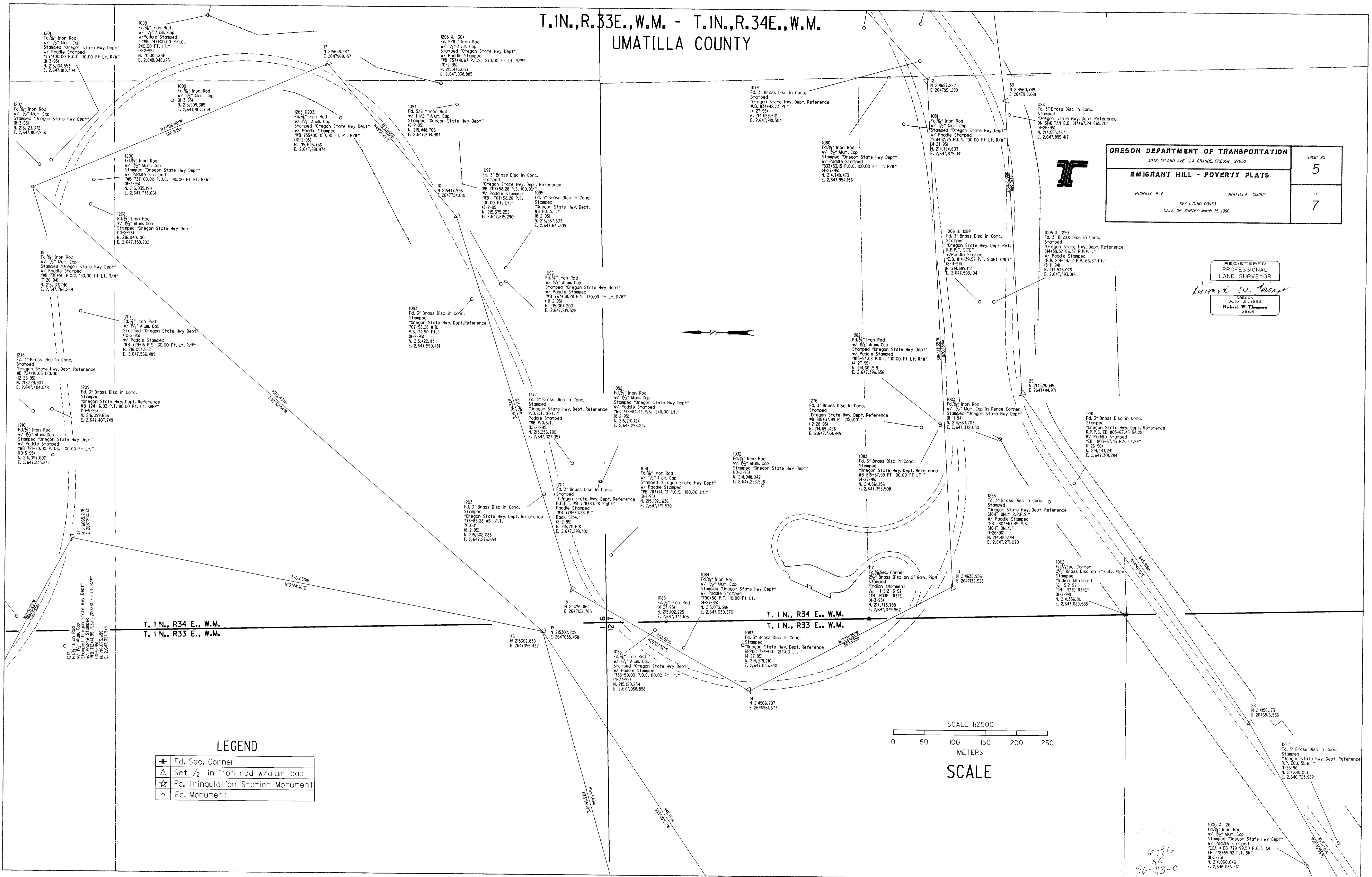
6-96
KX
96-113-e

T. 1N., R. 33E., W.M. - T. 1N., R. 34E., W.M.
UMATILLA COUNTY

| | | |
|--|--|-----------|
| OREGON DEPARTMENT OF TRANSPORTATION 3012 ISLAND AVE., LA GRANDE, OREGON 97850 | | SHEET NO. |
| EMIGRANT HILL - POVERTY FLATS | | 5 |
| HIGHWAY # 6 UMATILLA COUNTY | | OF |
| KEY I.D. NO. 03453 DATE OF SURVEY: March 15, 1996 | | 7 |

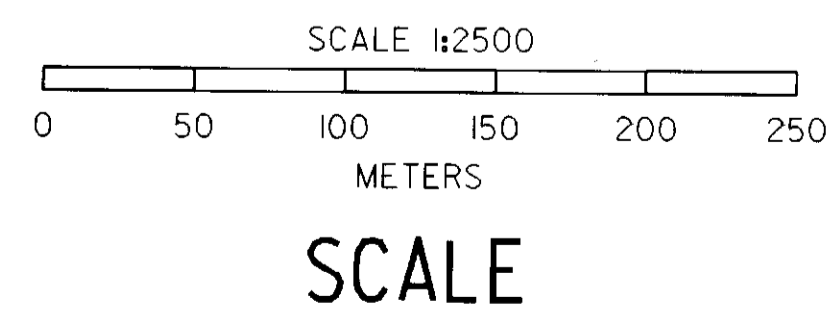


REGISTERED
PROFESSIONAL
LAND SURVEYOR
Richard W. Thompson
OREGON
July 21, 1992
Richard W. Thompson
2588



LEGEND

- ◆ Fd. Sec. Corner
- △ Set 1/2 in iron rod w/alum cap
- ☆ Fd. Tringulation Station Monument
- Fd. Monument



6-96
KK
96-113-c

1000 & 126
Fd. 3" Iron Rod
w/ 1/2" Alum. Cap
Stamped "Oregon State Hwy Dept"
w/ Paddle Stamped
"EOA = EB 779+99.50 P.O.T. AH
EB 778+55.92 P.T. BK"
(8-2-95)
N. 214,060,046
E. 2,646,686,461

T.1N., R.34E., W.M.
UMATILLA COUNTY

OREGON DEPARTMENT OF TRANSPORTATION
3012 ISLAND AVE., LA GRANDE, OREGON 97850

EMIGRANT HILL - POVERTY FLATS
HIGHWAY # 6 UMATILLA COUNTY

KEY I.D. NO. 03453
DATE OF SURVEY: March 15, 1996

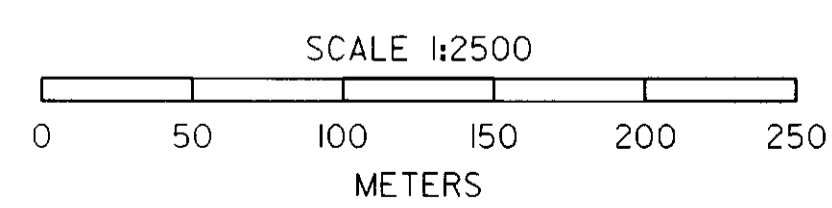
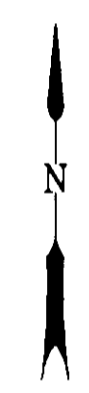
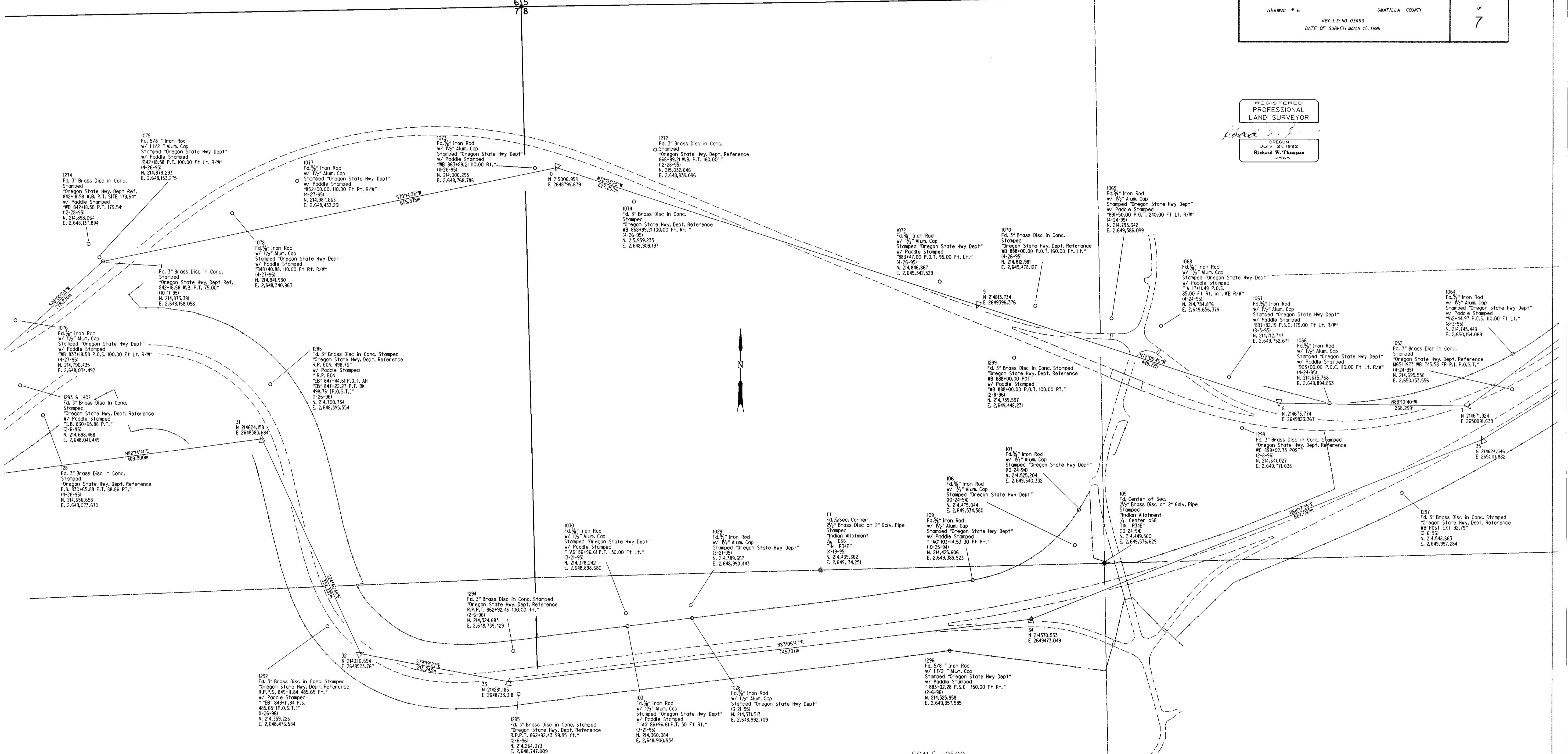
REGISTERED PROFESSIONAL LAND SURVEYOR
Richard W. Thomas
2565

3012 ISLAND AVE., LA GRANDE, OREGON 97850

3012 ISLAND AVE., LA GRANDE, OREGON 97850

3012 ISLAND AVE., LA GRANDE, OREGON 97850

1273
Fd. Sec. Corner
3/4" Brass Disc on 2 1/2" Galv. Pipe on
Ground, in a Rock File Stamped
"Indian Allotment
S.E. 55
S7 S8
T1N. R34E.
(12-28-95)
N. 215,234.014
E. 2,648,748.912



SCALE

LEGEND

| | |
|---|-----------------------------------|
| ⊕ | Fd. Sec. Corner |
| △ | Set 1/2 in iron rod w/alum cap |
| ☆ | Fd. Tringulation Station Monument |
| ○ | Fd. Monument |

69C
R.R.
96-113-c

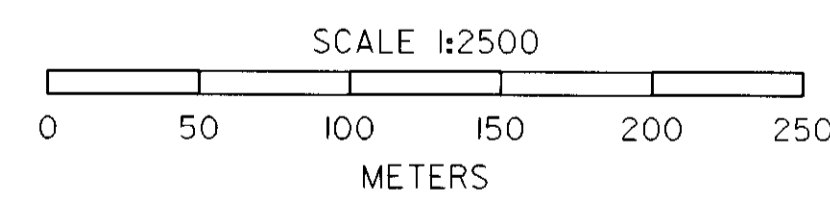
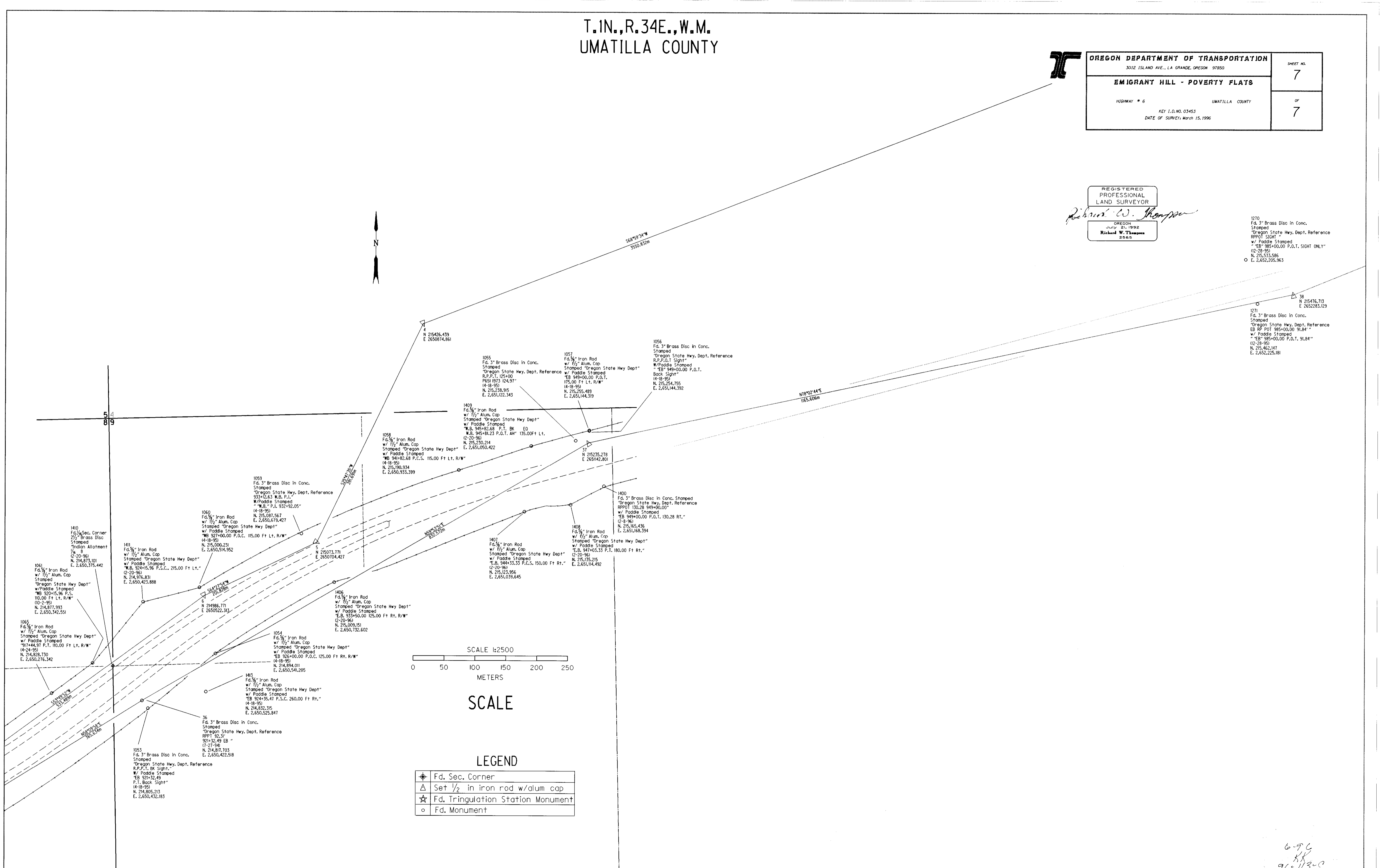
T.1N.,R.34E.,W.M.
UMATILLA COUNTY



| | | |
|--|-----------------|----------------|
| OREGON DEPARTMENT OF TRANSPORTATION 3012 ISLAND AVE., LA GRANDE, OREGON 97850 | | SHEET NO. 7 |
| EMIGRANT HILL - POVERTY FLATS | | OF 7 |
| HIGHWAY # 6 | UMATILLA COUNTY | |
| KEY I.D. NO. 03453 DATE OF SURVEY: March 15, 1996 | | |

REGISTERED
PROFESSIONAL
LAND SURVEYOR
Richard W. Thompson
RICHARD W. THOMPSON
JULY 21, 1992
2565

1270
Fd. 3" Brass Disc in Conc.
Stamped
Oregon State Hwy. Dept. Reference
R.P.P.T. Sight
w/ Paddle Stamped
"EB" 985+00.00 P.O.T. SIGHT ONLY"
(12-28-95)
N. 215,535,586
E. 2,652,205,963



SCALE

LEGEND

| | |
|---|-----------------------------------|
| ⊕ | Fd. Sec. Corner |
| △ | Set 1/2 in iron rod w/alum cap |
| ☆ | Fd. Tringulation Station Monument |
| ○ | Fd. Monument |

6-96
R/W
96-113-0