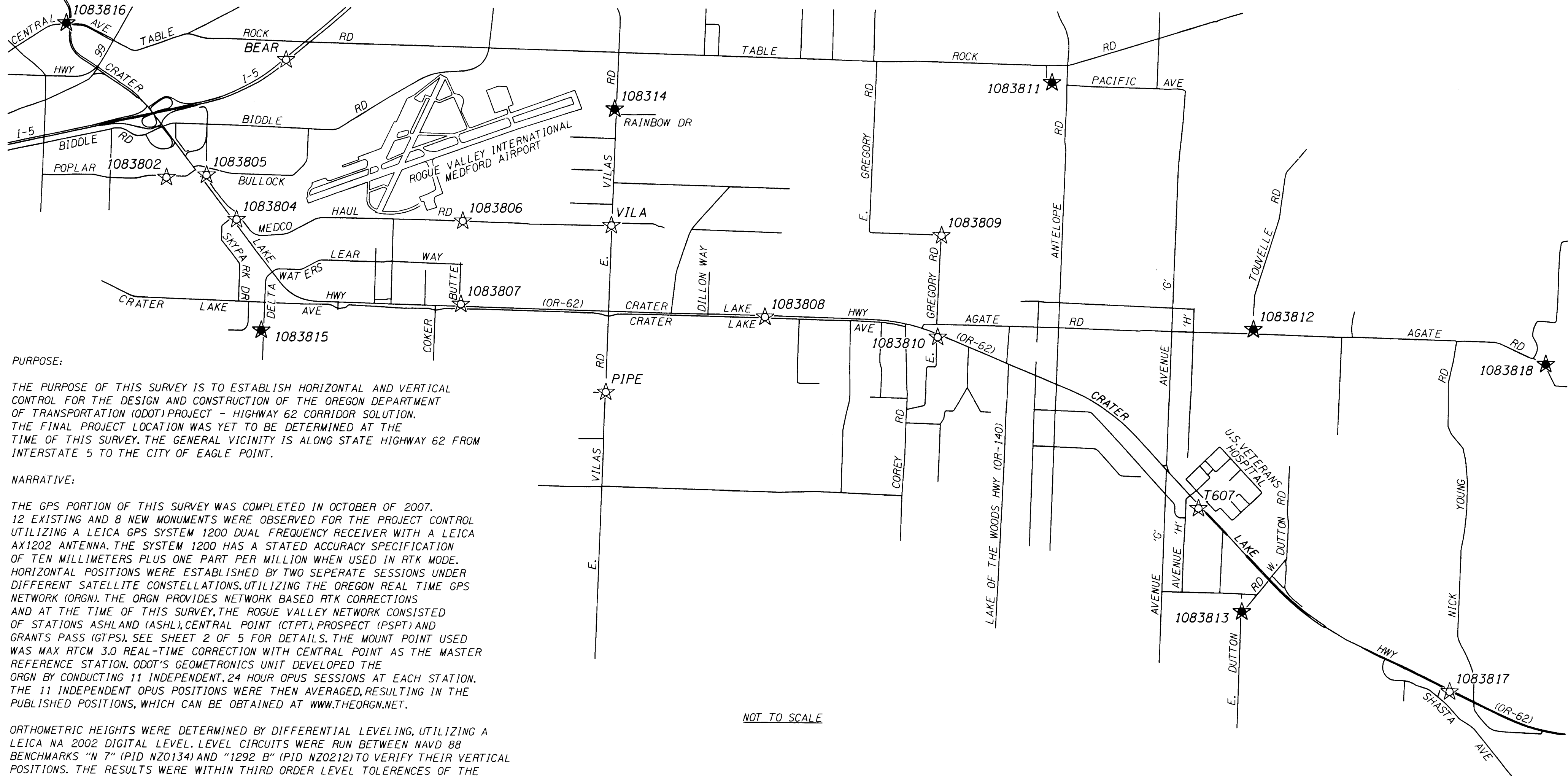


| | |
|---|---|
| SW 1/4, SECTION 18, TOWNSHIP 37 SOUTH, RANGE 1 WEST (1083802) - SHEET 2 | NE 1/4, SECTION 16, TOWNSHIP 36 SOUTH, RANGE 1 WEST (1083813) - SHEET 4 |
| NE 1/4, SECTION 18, TOWNSHIP 37 SOUTH, RANGE 1 WEST (1083804) - SHEET 2 | NE 1/4, SECTION 1, TOWNSHIP 37 SOUTH, RANGE 2 WEST (1083814) - SHEET 4 |
| NW 1/4, SECTION 18, TOWNSHIP 37 SOUTH, RANGE 1 WEST (1083805) - SHEET 3 | NW 1/4, SECTION 17, TOWNSHIP 37 SOUTH, RANGE 1 WEST (1083815) - SHEET 4 |
| SW 1/4, SECTION 6, TOWNSHIP 37 SOUTH, RANGE 1 WEST (1083806) - SHEET 3 | NW 1/4, SECTION 24, TOWNSHIP 37 SOUTH, RANGE 2 WEST (1083816) - SHEET 4 |
| SE 1/4, SECTION 6, TOWNSHIP 37 SOUTH, RANGE 1 WEST (1083807) - SHEET 3 | NW 1/4, SECTION 10, TOWNSHIP 36 SOUTH, RANGE 1 WEST (1083817) - SHEET 5 |
| NW 1/4, SECTION 32, TOWNSHIP 36 SOUTH, RANGE 1 WEST (1083808) - SHEET 3 | SW 1/4, SECTION 5, TOWNSHIP 36 SOUTH, RANGE 1 WEST (1083818) - SHEET 5 |
| NE 1/4, SECTION 30, TOWNSHIP 36 SOUTH, RANGE 1 WEST (1083809) - SHEET 3 | NE 1/4, SECTION 13, TOWNSHIP 37 SOUTH, RANGE 2 WEST (BEAR) - SHEET 5 |
| NW 1/4, SECTION 29, TOWNSHIP 36 SOUTH, RANGE 1 WEST (1083810) - SHEET 3 | NE 1/4, SECTION 6, TOWNSHIP 37 SOUTH, RANGE 1 WEST (VILA) - SHEET 5 |
| NE 1/4, SECTION 24, TOWNSHIP 36 SOUTH, RANGE 2 WEST (1083811) - SHEET 4 | SW 1/4, SECTION 32, TOWNSHIP 36 SOUTH, RANGE 1 WEST (PIPE) - SHEET 5 |
| NE 1/4, SECTION 18, TOWNSHIP 36 SOUTH, RANGE 1 WEST (1083812) - SHEET 4 | NW 1/4, SECTION 16, TOWNSHIP 36 SOUTH, RANGE 1 WEST (T607) - SHEET 5 |

** RECEIVED **
 DATE 3-5-08 BY BB
 This survey consists of:
51 sheet(s) Map
 0 page(s) Narrative
 JACKSON COUNTY
 SURVEYOR



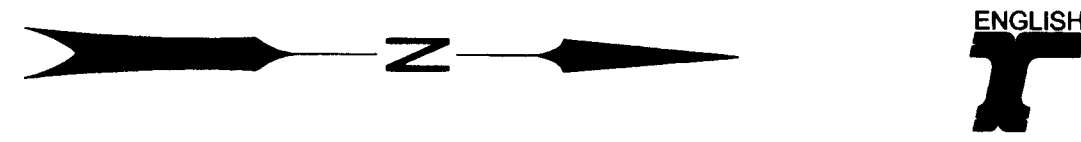
PURPOSE:
 THE PURPOSE OF THIS SURVEY IS TO ESTABLISH HORIZONTAL AND VERTICAL CONTROL FOR THE DESIGN AND CONSTRUCTION OF THE OREGON DEPARTMENT OF TRANSPORTATION (ODOT) PROJECT - HIGHWAY 62 CORRIDOR SOLUTION. THE FINAL PROJECT LOCATION WAS YET TO BE DETERMINED AT THE TIME OF THIS SURVEY. THE GENERAL VICINITY IS ALONG STATE HIGHWAY 62 FROM INTERSTATE 5 TO THE CITY OF EAGLE POINT.

NARRATIVE:
 THE GPS PORTION OF THIS SURVEY WAS COMPLETED IN OCTOBER OF 2007. 12 EXISTING AND 8 NEW MONUMENTS WERE OBSERVED FOR THE PROJECT CONTROL UTILIZING A LEICA GPS SYSTEM 1200 DUAL FREQUENCY RECEIVER WITH A LEICA AX1202 ANTENNA. THE SYSTEM 1200 HAS A STATED ACCURACY SPECIFICATION OF TEN MILLIMETERS PLUS ONE PART PER MILLION WHEN USED IN RTK MODE. HORIZONTAL POSITIONS WERE ESTABLISHED BY TWO SEPERATE SESSIONS UNDER DIFFERENT SATELLITE CONSTELLATIONS, UTILIZING THE OREGON REAL TIME GPS NETWORK (ORGN). THE ORGN PROVIDES NETWORK BASED RTK CORRECTIONS AND AT THE TIME OF THIS SURVEY, THE ROGUE VALLEY NETWORK CONSISTED OF STATIONS ASHLAND (ASHL), CENTRAL POINT (CTPT), PROSPECT (PSPT) AND GRANTS PASS (GTPS). SEE SHEET 2 OF 5 FOR DETAILS. THE MOUNT POINT USED WAS MAX RTCM 3.0 REAL-TIME CORRECTION WITH CENTRAL POINT AS THE MASTER REFERENCE STATION. ODOT'S GEOMETRONICS UNIT DEVELOPED THE ORGN BY CONDUCTING 11 INDEPENDENT, 24 HOUR OPUS SESSIONS AT EACH STATION. THE 11 INDEPENDENT OPUS POSITIONS WERE THEN AVERAGED, RESULTING IN THE PUBLISHED POSITIONS, WHICH CAN BE OBTAINED AT WWW.THEORGN.NET.

ORTHOMETRIC HEIGHTS WERE DETERMINED BY DIFFERENTIAL LEVELING, UTILIZING A LEICA NA 2002 DIGITAL LEVEL. LEVEL CIRCUITS WERE RUN BETWEEN NAVD 88 BENCHMARKS "N 7" (PID NZ0134) AND "1292 B" (PID NZ0212) TO VERIFY THEIR VERTICAL POSITIONS. THE RESULTS WERE WITHIN THIRD ORDER LEVEL TOLERANCES OF THE PUBLISHED ELEVATIONS. BENCHMARK "N 7" WAS HELD TO ESTABLISH VERTICAL POSITIONS ON ALL OF THE PROJECT CONTROL POINTS.

GRID COORDINATES ARE OREGON COORDINATE SYSTEM - SOUTH ZONE. HORIZONTAL DATUM IS NAD 83 (ORS 96X EPOCH 2002.00). GEOID SEPARATIONS ARE BASED ON THE MATHEMATICAL DIFFERENCE BETWEEN ELEVATIONS ESTABLISHED BY LEVEL CIRCUITS AND THE ELLIPSOID HEIGHT. 95% CONFIDENCE REGIONS ARE IN RELATION TO THE ORGN. VERTICAL DATUM IS NAVD 88. REFERENCE ELLIPSOID IS WGS 84.

NOT TO SCALE



| LEGEND | |
|------------|-------------------------------------|
| C.S. ***** | FILED COUNTY SURVEY NUMBER |
| ★ | SET GPS STATION |
| ☆ | FOUND MONUMENT USED FOR GPS STATION |

REGISTERED
 PROFESSIONAL
 LAND SURVEYOR
Stuart E. Cappello
 OREGON
 JULY 09, 2001
STUART E. CAPPELLO
 No. 52908
 RENEWS 12/31/2009

OREGON DEPARTMENT OF TRANSPORTATION

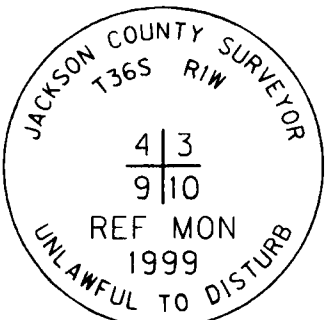
MAP OF SURVEY
 HIGHWAY 62 CORRIDOR SOLUTIONS
 JACKSON COUNTY

ODOT - REGION 3
 TECHNICAL CENTER
 100 ANTELOPE RD
 WHITE CITY, OR 97503

CADD FILE NAME: 13226RW.DGN
 FEBRUARY, 2008
 SHEET 1 OF 5

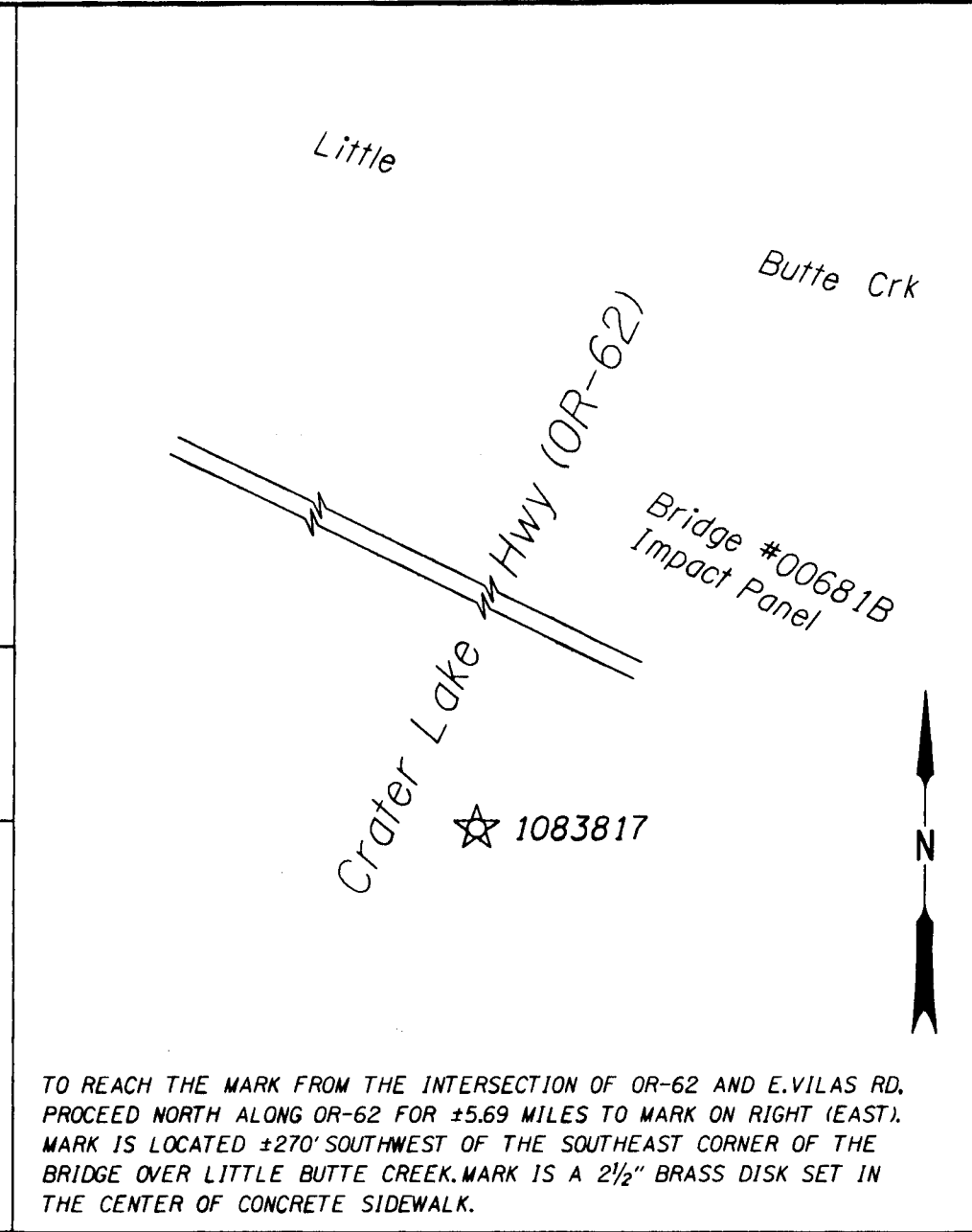
Pt. No. 1083817

FOUND 2 1/2" BRASS DISK IN SIDEWALK.



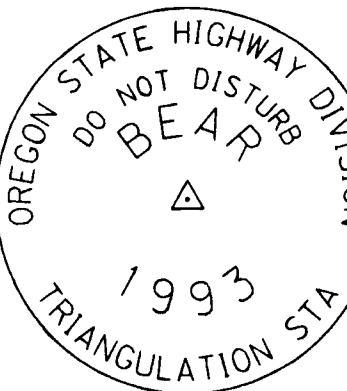
95% CONFIDENCE REGIONS
SEMIMAJOR (A): 0.07'
SEMIMINOR (B): 0.03'
ORIENTATION: 00° 00' 00"
SD. HGT.: 0.11'

LAT: 42° 27' 40.627511" N
LONG: 122° 48' 58.912922" W
ELLIP. HGT.: 1208.58'
SPC N: 298241.73'
SPC E: 4296291.52'
GEOID SEP.: -79.78'
ORTHO HGT.: 1288.36'
CONVERGENCE: -1° 35' 05"
PROJECTION S.F.: 0.99997023
COMBINED S.F.: 0.99991243



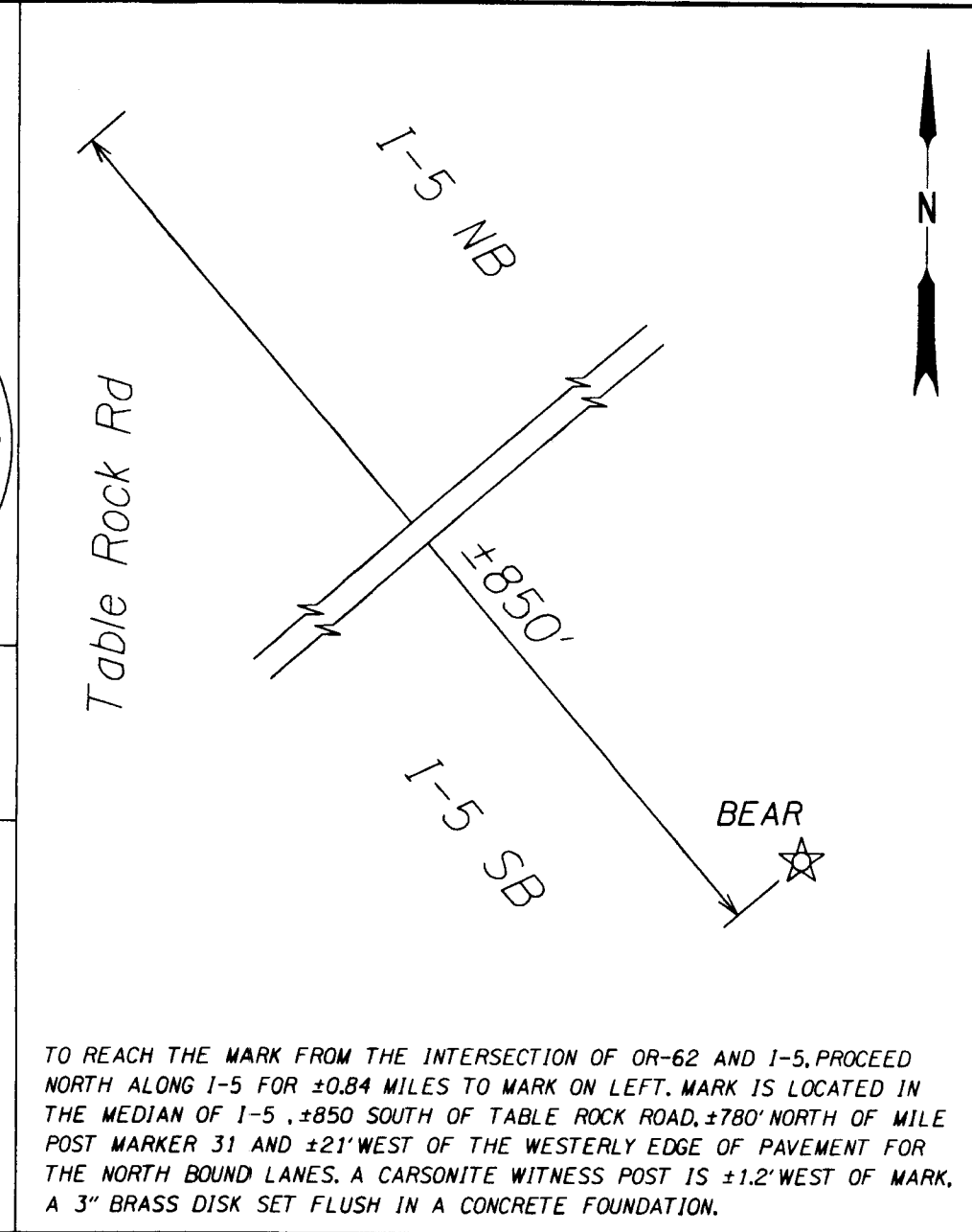
Pt. No. BEAR

FOUND 3" BRASS DISK IN CONCRETE, PER C.S. 17733 ESTABLISHED NEW POSITION ON THIS MONUMENT.



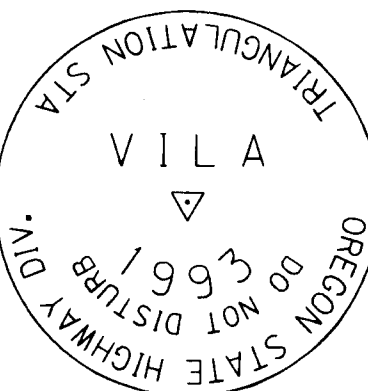
95% CONFIDENCE REGIONS
SEMIMAJOR (A): 0.04'
SEMIMINOR (B): 0.01'
ORIENTATION: 00° 00' 00"
SD. HGT.: 0.06'

LAT: 42° 21' 41.021759" N
LONG: 122° 52' 59.528574" W
ELLIP. HGT.: 1216.74'
SPC N: 262359.04'
SPC E: 4277227.35'
GEOID SEP.: -79.56'
ORTHO HGT.: 1296.30'
CONVERGENCE: -1° 37' 50"
PROJECTION S.F.: 0.99999305
COMBINED S.F.: 0.99993486



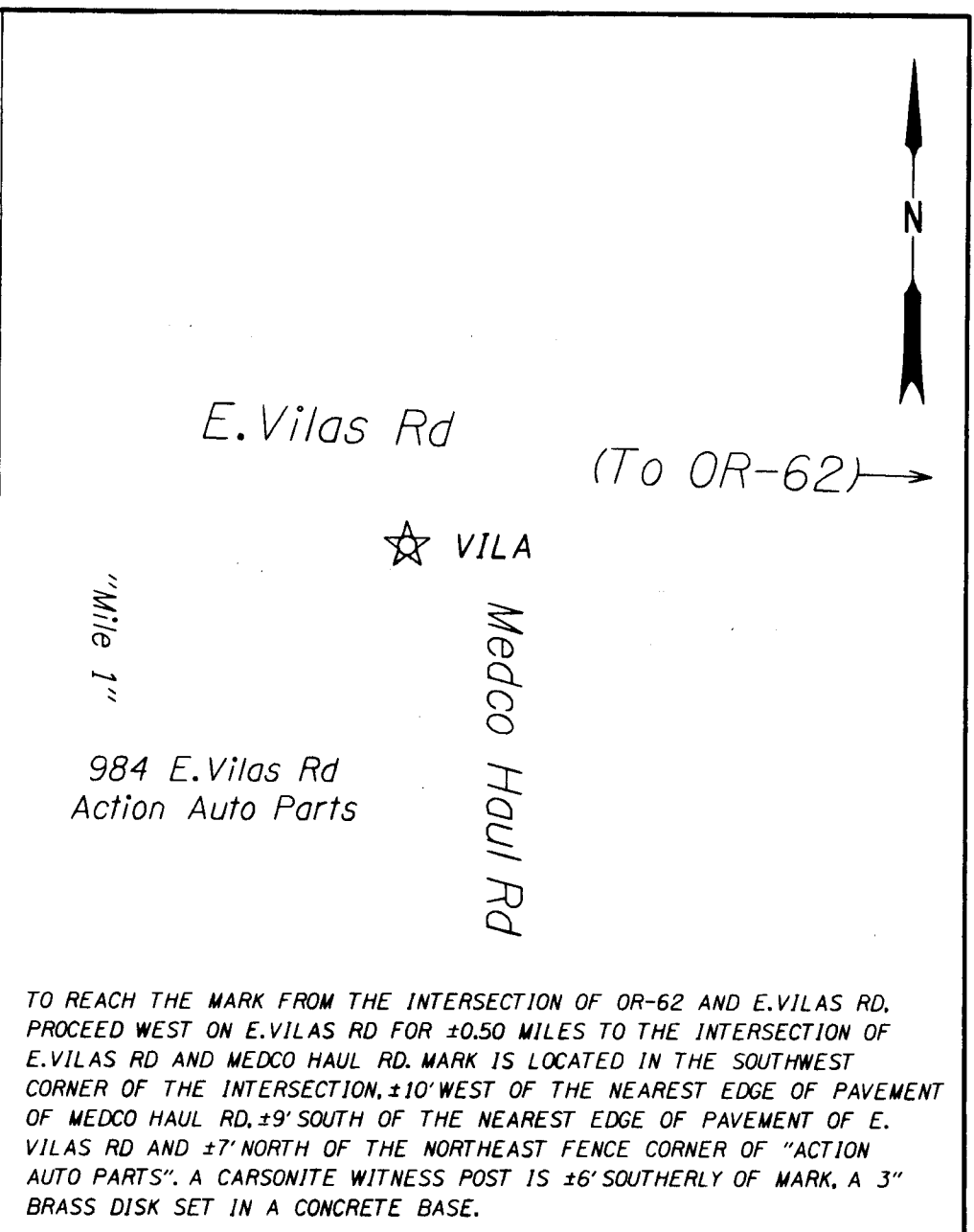
Pt. No. VILA

FOUND 3" BRASS DISK IN CONCRETE, PER C.S. 17733. ESTABLISHED NEW POSITION ON THIS MONUMENT.




95% CONFIDENCE REGIONS
SEMIMAJOR (A): 0.01'
SEMIMINOR (B): 0.0'
ORIENTATION: 90° 00' 00"
SD. HGT.: 0.01'

LAT: 42° 23' 21.157432" N
LONG: 122° 51' 56.210227" W
ELLIP. HGT.: 1226.32'
SPC N: 272357.13'
SPC E: 4282265.44'
GEOID SEP.: -79.62'
ORTHO HGT.: 1305.94'
CONVERGENCE: -1° 37' 06"
PROJECTION S.F.: 0.99998640
COMBINED S.F.: 0.99992774



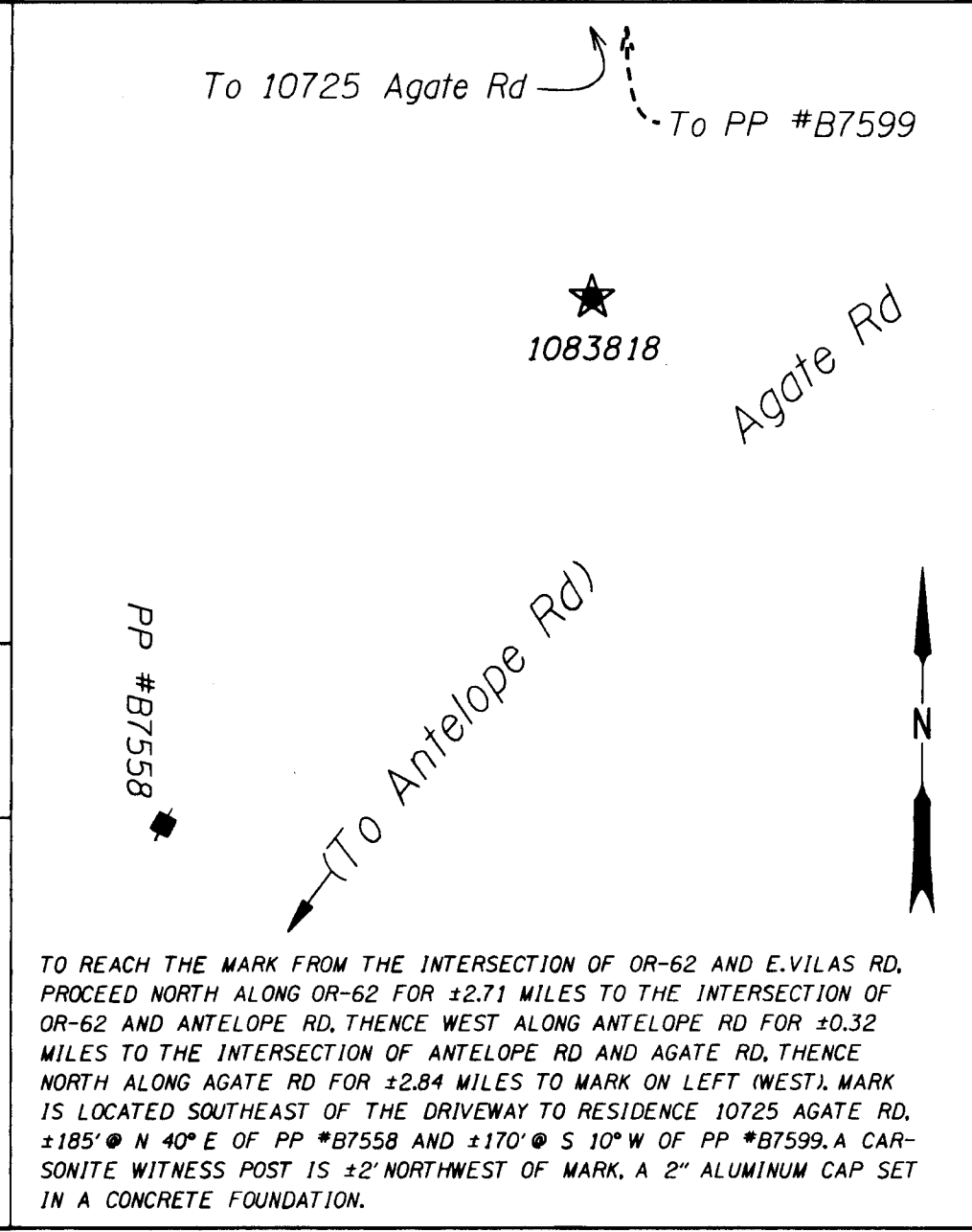
Pt. No. 1083818

SET 2" ALUMINUM CAP IN CONCRETE.



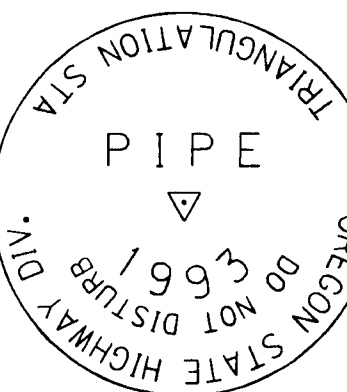
95% CONFIDENCE REGIONS
SEMIMAJOR (A): 0.02'
SEMIMINOR (B): 0.00'
ORIENTATION: 90° 00' 00"
SD. HGT.: 0.06'

LAT: 42° 28' 04.095772" N
LONG: 122° 51' 14.224728" W
ELLIP. HGT.: 1239.20'
SPC N: 300899.27'
SPC E: 4286219.86'
GEOID SEP.: -79.72'
ORTHO HGT.: 1318.92'
CONVERGENCE: -1° 36' 38"
PROJECTION S.F.: 0.99996885
COMBINED S.F.: 0.99990958



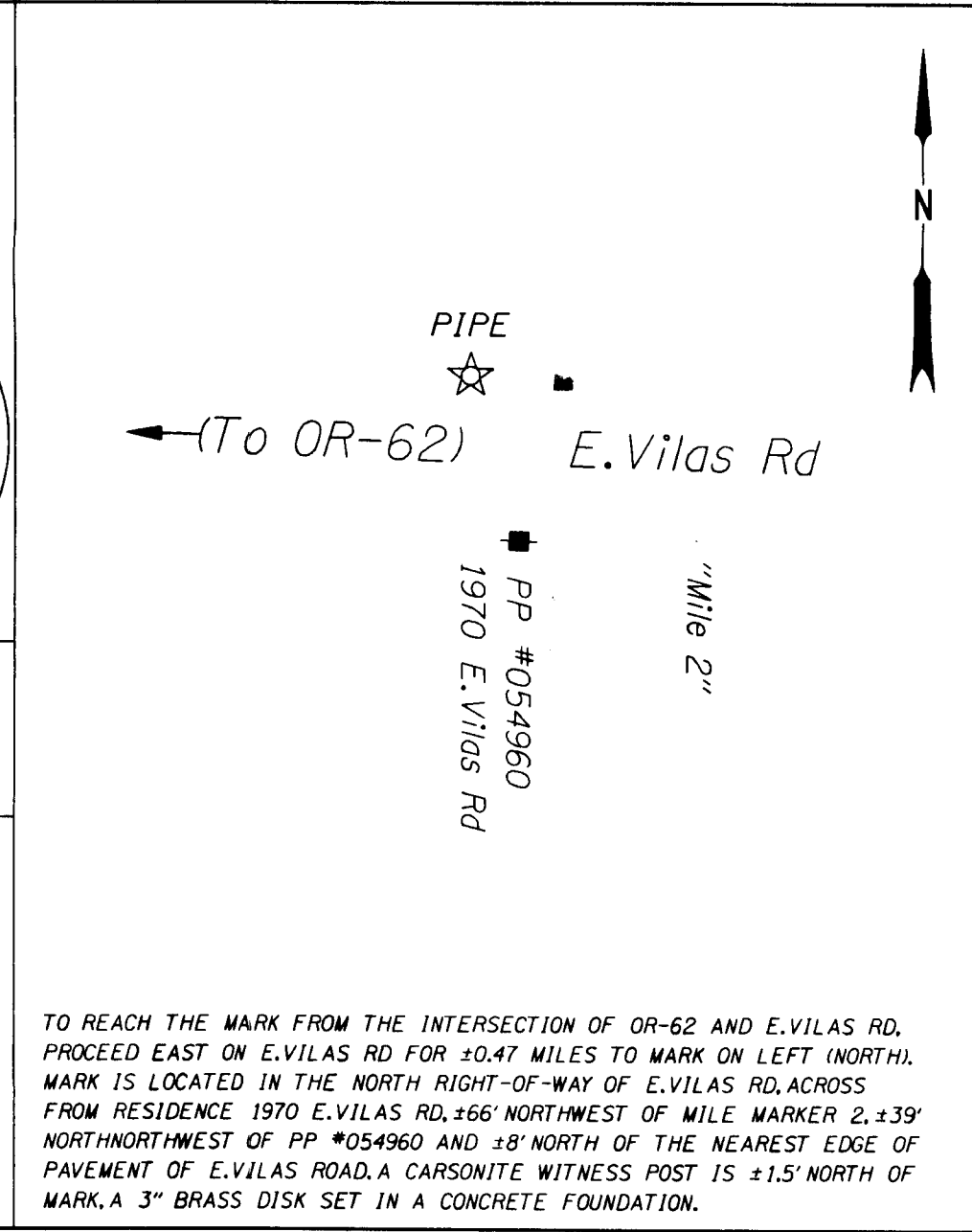
Pt. No. PIPE

FOUND 3" BRASS DISK IN CONCRETE, C.S. 17733. ESTABLISHED NEW POSITION ON THIS MONUMENT.



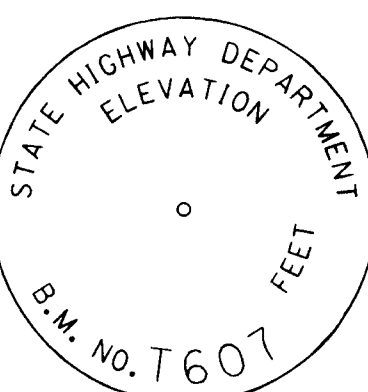
95% CONFIDENCE REGIONS
SEMIMAJOR (A): 0.03'
SEMIMINOR (B): 0.00'
ORIENTATION: 00° 00' 00"
SD. HGT.: 0.05'

LAT: 42° 23' 21.417434" N
LONG: 122° 50' 48.138346" W
ELLIP. HGT.: 1248.59'
SPC N: 272239.74'
SPC E: 4287372.46'
GEOID SEP.: -79.66'
ORTHO HGT.: 1328.25'
CONVERGENCE: -1° 36' 20"
PROJECTION S.F.: 0.99998638
COMBINED S.F.: 0.99992666



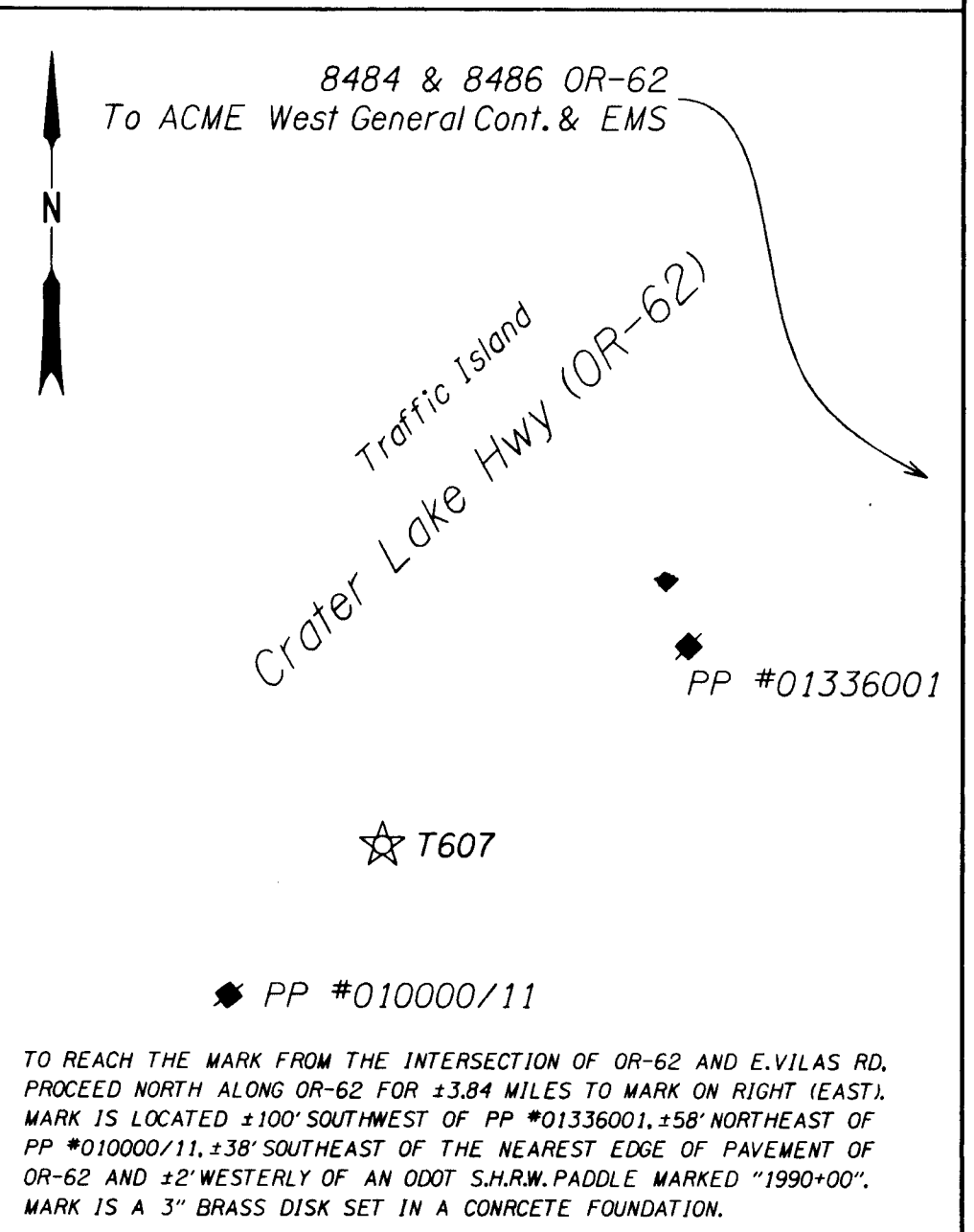
Pt. No. T607

FOUND 3" BRASS DISK IN CONCRETE.



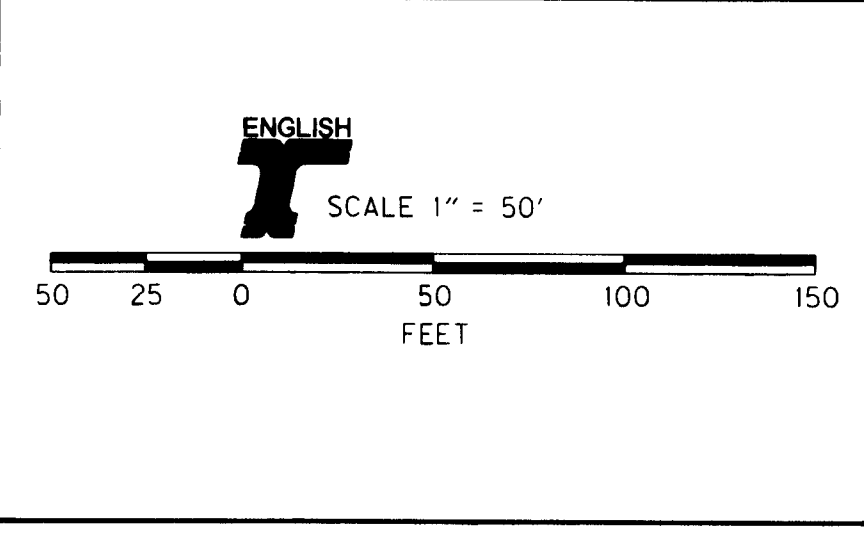
95% CONFIDENCE REGIONS
SEMIMAJOR (A): 0.03'
SEMIMINOR (B): 0.02'
ORIENTATION: 90° 00' 00"
SD. HGT.: 0.02'

LAT: 42° 26' 23.503014" N
LONG: 122° 50' 09.278688" W
ELLIP. HGT.: 1256.23'
SPC N: 290583.84'
SPC E: 4290801.51'
GEOID SEP.: -79.72'
ORTHO HGT.: 1335.95'
CONVERGENCE: -1° 35' 53"
PROJECTION S.F.: 0.99997488
COMBINED S.F.: 0.99991479



LEGEND

| | | | | | |
|------------|-------------------------|-----------|------------------------------------|---|-------------------|
| C.S. ***** | FILED COUNTY SURVEY NO. | ★ | SET GPS STATION | ■ | POWER POLE |
| ---- | THALWEG | ☆ | FOUND MONUMENT USED AS GPS STATION | ○ | GUY ANCHOR |
| ===== | EDGE OF CONCRETE | —X— | FENCE LINE | ● | STEEL POLE |
| ----- | EDGE OF PAVEMENT | X | GATE | ○ | BOLLARD |
| ----- | EDGE OF GRAVEL | - Ditch - | DITCH LINE | ⊙ | MANHOLE |
| ===== | GUARDRAIL | ⊕ | FIRE HYDRANT | □ | MAILBOX/TEL. PED. |
| ===== | PIPE | | | ⊥ | SIGN |



REGISTERED PROFESSIONAL LAND SURVEYOR

Stuart E. Cappello

OREGON 2001
JULY 09, 2001
STUART E. CAPPELLO
No. 52908

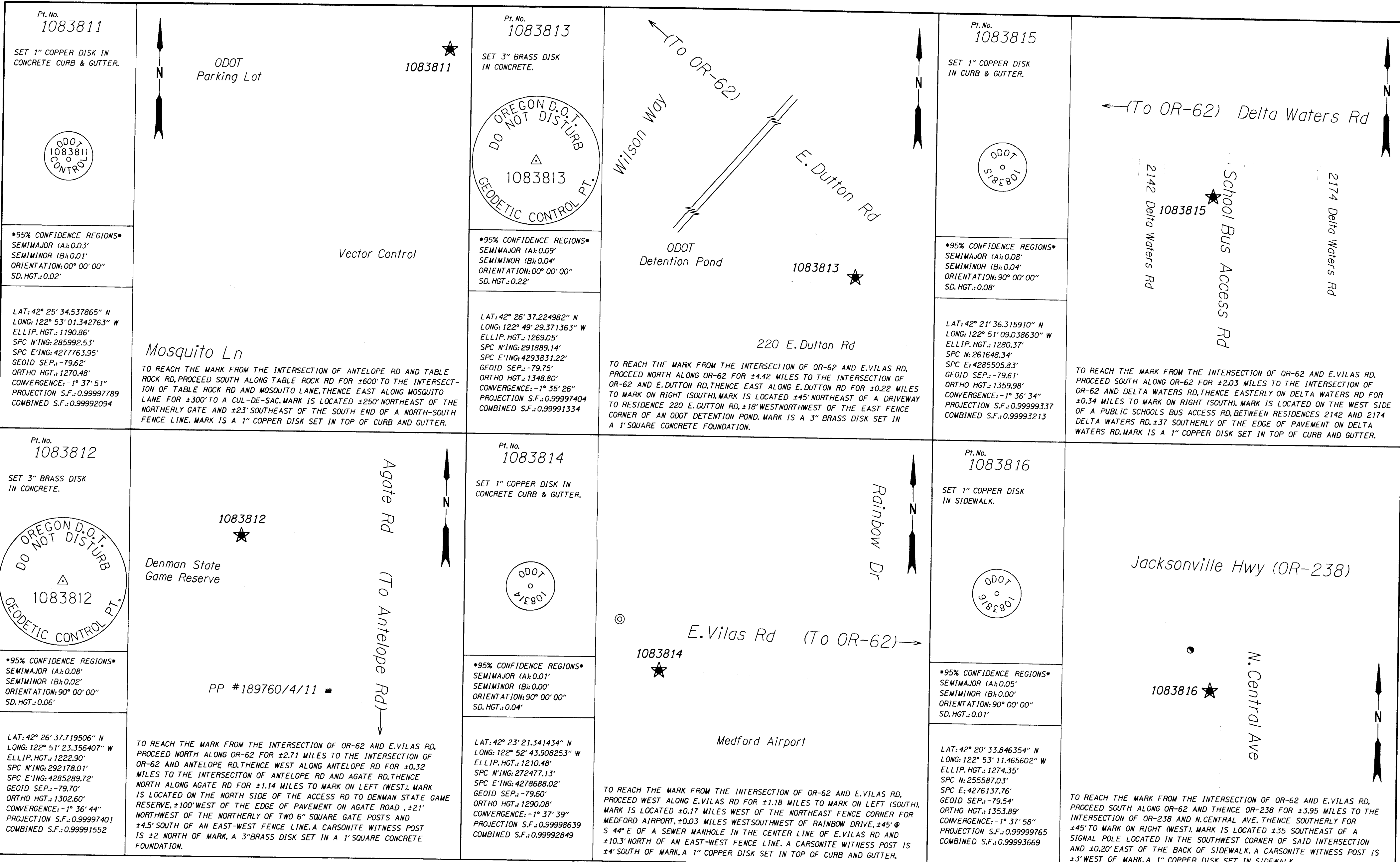
RENEWS 12/31/2009

OREGON DEPARTMENT OF TRANSPORTATION

MAP OF SURVEY
HIGHWAY 62 CORRIDOR SOLUTIONS
JACKSON COUNTY

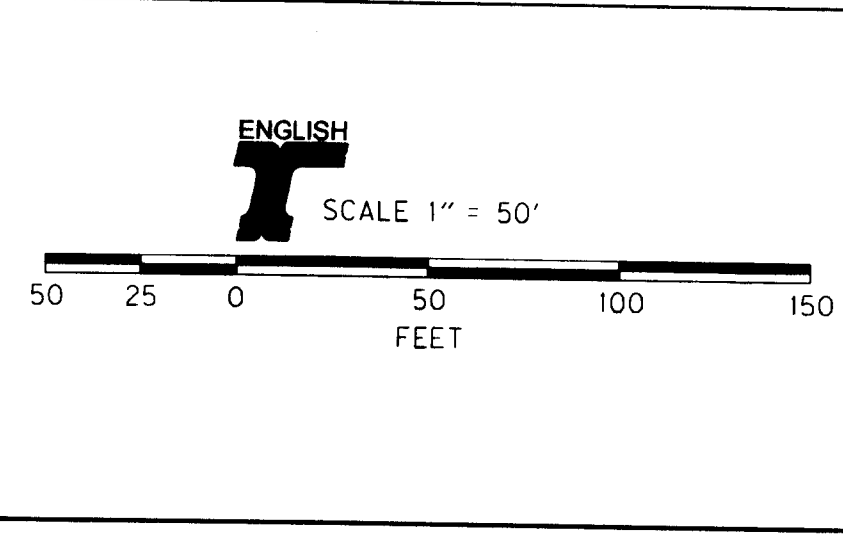
ODOT - REGION 3
TECHNICAL CENTER
100 ANTELOPE RD
WHITE CITY, OR 97503

CADD FILE NAME: 13226RW.DGN
FEBRUARY, 2008
SHEET 5 OF 5



LEGEND

| | | | | | |
|------------|-------------------------|-----------|------------------------------------|---|-------------------|
| C.S. ***** | FILED COUNTY SURVEY NO. | ★ | SET GPS STATION | ■ | POWER POLE (PP) |
| --- | THALWEG | ☆ | FOUND MONUMENT USED AS GPS STATION | ⊂ | GUY ANCHOR |
| — | EDGE OF CONCRETE | —X— | FENCE LINE | ● | STEEL POLE |
| ---- | EDGE OF PAVEMENT | X◇X | GATE | ○ | BOLLARD |
| ----- | EDGE OF GRAVEL | - Ditch - | DITCH LINE | ⊙ | MANHOLE |
| —+—+— | GUARDRAIL | ⊕ | FIRE HYDRANT | □ | MAILBOX/TEL. PED. |
| ===== | PIPE | ⊥ | SIGN | | |



REGISTERED PROFESSIONAL LAND SURVEYOR

Stuart E. Cappello

OREGON JULY 09, 2001
STUART E. CAPPELLO
 No. 52908

RENEWS 12/31/2009

OREGON DEPARTMENT OF TRANSPORTATION

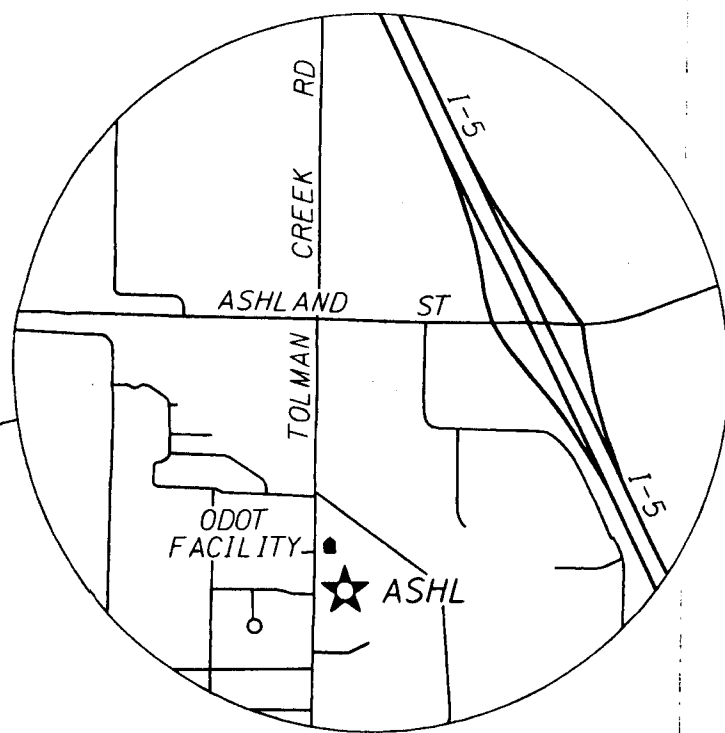
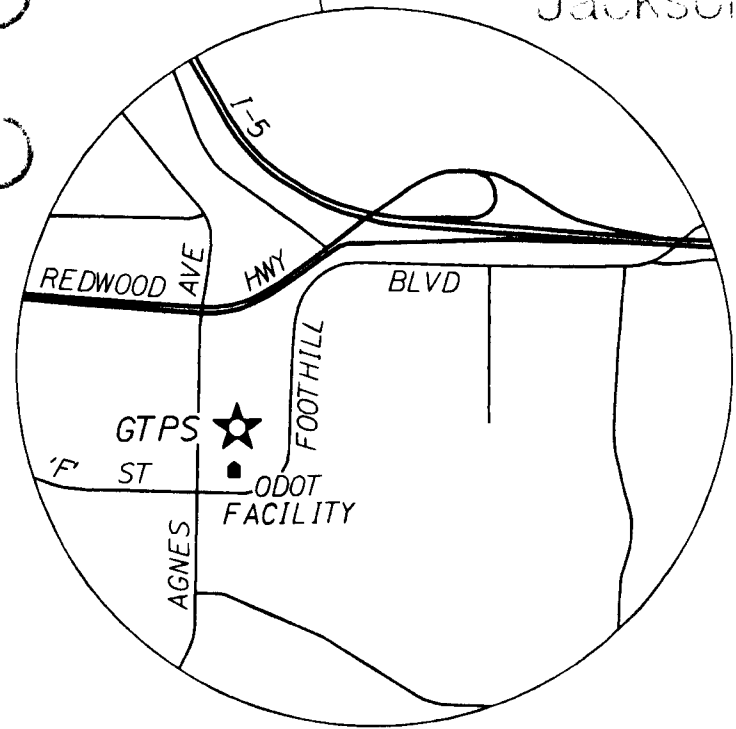
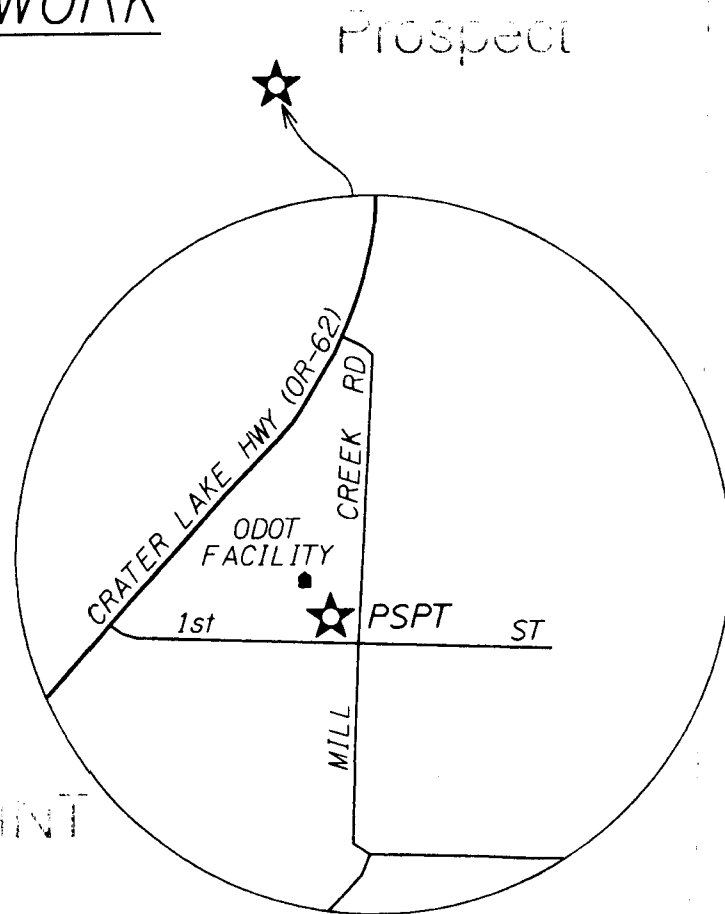
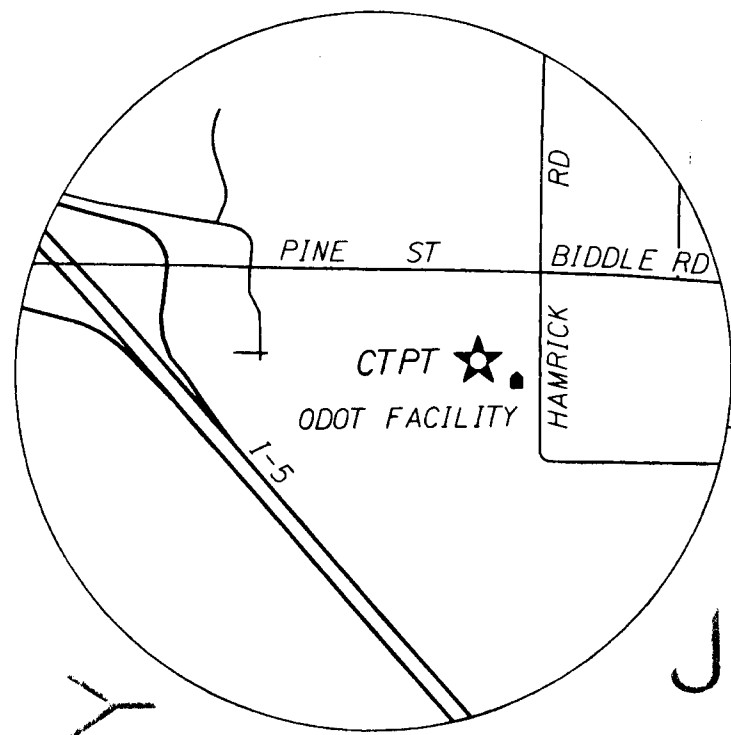
MAP OF SURVEY
 HIGHWAY 62 CORRIDOR SOLUTIONS
 JACKSON COUNTY

ODOT - REGION 3
 TECHNICAL CENTER
 100 ANTELOPE RD
 WHITE CITY, OR 97503

CADD FILE NAME: 13226RW.DGN
 FEBRUARY, 2008
 SHEET 4 OF 5

ORGN - ROGUE VALLEY NETWORK
 NAD83 (CORS96EPOCH 2002.00)
 NOT TO SCALE

JOSEPHINE COUNTY



JACKSON

CENTRAL POINT

COUNTY

Pt. No.
1083802

FOUND 3" BRASS DISK IN CONCRETE, PER C.S. 16727. ESTABLISHED NEW POSITION ON THIS MONUMENT.

•95% CONFIDENCE REGIONS•
 SEMIMAJOR (A): 0.03'
 SEMIMINOR (B): 0.00'
 ORIENTATION: 90° 00' 00"
 SD. HGT.: 0.04'

LAT: 42° 21' 05.587887" N
 LONG: 122° 52' 09.967105" W
 ELLIP. HGT.: 1240.56'
 SPC N: 258667.88'
 SPC E: 4280845.27'
 GEOD SEP.: -79.57'
 ORTHO HGT.: 1320.13'
 CONVERGENCE: -1° 37' 16"
 PROJECTION S.F.: 0.99999546
 COMBINED S.F.: 0.99993613

Pt. No.
1083804

FOUND 3" BRASS DISK IN CONCRETE, PER C.S. 16727. ESTABLISHED NEW POSITION ON THIS MONUMENT.

•95% CONFIDENCE REGIONS•
 SEMIMAJOR (A): 0.02'
 SEMIMINOR (B): 0.00'
 ORIENTATION: 90° 00' 00"
 SD. HGT.: 0.09'

LAT: 42° 21' 27.345341" N
 LONG: 122° 51' 53.770281" W
 ELLIP. HGT.: 1256.57'
 SPC N: 260835.17'
 SPC E: 4282123.16'
 GEOD SEP.: -79.59'
 ORTHO HGT.: 1336.16'
 CONVERGENCE: -1° 37' 05"
 PROJECTION S.F.: 0.99999398
 COMBINED S.F.: 0.99993388

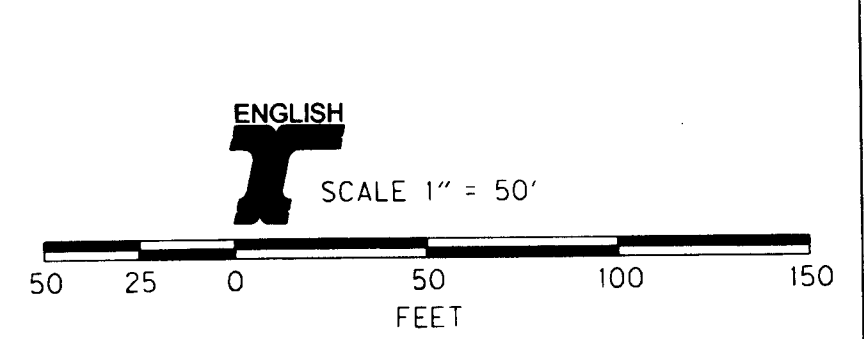
Hydrant #1448
 Block Wall
 1083802
 Lum. Pole #1233
 Poplar Dr
 Poplar Square Shopping Center
 Parking Lot
 TO REACH THE MARK FROM THE INTERSECTION OF OR-62 AND POPLAR DRIVE, PROCEED SOUTH ALONG POPLAR DR ±0.18 MILES TO MARK ON LEFT (EAST). MARK IS LOCATED ±110' NORTHWESTERLY OF THE NORTHWESTERLY BUILDING CORNER OF "ROSS", ±65' SOUTHWEST OF A CITY OF MEDFORD LUMINARE POLE (#1233), ±65' SOUTH OF A FIRE HYDRANT (#1448) AND ±3' EAST OF BACK OF SIDEWALK. A CARSONITE WITNESS POST IS ±3' NORTH OF MARK. A 3" BRASS DISK SET IN A 1' SQUARE CONCRETE FOUNDATION.

S.H.R.W. Paddle ✓
 1083804
 Butler Truck Center
 Crater Lake Hwy (OR-62)
 SkyPark Dr
 TO REACH THE MARK FROM THE INTERSECTION OF OR-62 AND E.VILAS RD, PROCEED SOUTH ALONG OR-62 ±2.41 MILES TO MARK ON RIGHT. MARK IS LOCATED ±45' SOUTHWEST OF AN ODOT S.H.R.W. PADDLE MARKED "2323+50 105 RT" AND ±45' NORTHWEST FROM THE NEAREST EDGE OF PAVEMENT ON OR-62. A CARSONITE WITNESS POST IS ±1.5' NORTHWEST OF MARK. A 3" BRASS DISK SET IN A 1' SQUARE CONCRETE FOUNDATION, ±10' ABOVE OR-62 GRADE.

| SITE NAME | ASHLAND | CENTRAL POINT | GRANTS PASS | PROSPECT |
|---------------|--------------------|--------------------|--------------------|--------------------|
| SITE ID | ASHL | CTPT | GTPS | PSPT |
| LATITUDE (N) | 42° 10' 50.47057" | 42° 22' 36.08203" | 42° 26' 04.16245" | 42° 45' 17.42486" |
| LONGITUDE (W) | 122° 40' 12.55208" | 122° 53' 38.19420" | 123° 17' 50.50982" | 122° 29' 22.16427" |
| ELLIP. HGT. | 609.155m | 370.982 m | 279.026m | 773.71m |

LEGEND

| | | |
|------------------------------------|--------------------------------------|---------------------|
| C.S. ***** FILED COUNTY SURVEY NO. | ★ SET GPS STATION | ■ POWER POLE (PP) |
| ----- THALWEG | ☆ ORGN SITE | ∪ GUY ANCHOR |
| ———— EDGE OF CONCRETE | ☆ FOUND MONUMENT USED AS GPS STATION | ● STEEL POLE |
| ----- EDGE OF PAVEMENT | —X— FENCE LINE | ○ BOLLARD |
| ----- EDGE OF GRAVEL | - Ditch - DITCH LINE | ⊙ MANHOLE |
| —+— GUARDRAIL | ⊕ FIRE HYDRANT | □ MAILBOX/TEL. PED. |
| ===== PIPE | | — SIGN |



REGISTERED PROFESSIONAL LAND SURVEYOR
 Stuart E. Cappello
 OREGON JULY 09, 2001
 STUART E. CAPPELLO No. 52908
 RENEWS 12/31/2009

OREGON DEPARTMENT OF TRANSPORTATION
 MAP OF SURVEY
 HIGHWAY 62 CORRIDOR SOLUTIONS
 JACKSON COUNTY
 ODOT - REGION 3
 TECHNICAL CENTER
 100 ANTELOPE RD
 WHITE CITY, OR 97503
 CADD FILE NAME: 13226RW.DGN
 FEBRUARY, 2008
 SHEET 2 OF 5