



Station Designation: **299 SHA 27.04**

General Location: **NORTH SIDE 299 WEST OF OLD OREGON TRAIL**

4 Character ID: **2HJ4** UTC Date: **11/08/2004**

Station PID: Station Serial No.: **2025** Session ID: **A**

Project Name: **Caltrans North Region Height Modernization Survey** Project No.: **GPS1988**

NAD83 Latitude: **N 40-37-13.8** NAD83 Longitude: **W 122-19-20.8** NAD83 Ellipsoid Height: Agency Name: **Caltrans (CA. DOT)**

UTC Session Times: LOCAL (-7hr) Epoch Interval: **15 Sec.** NAVD88 Orthometric Height: Agency Code: **CADT**

Sch. Start **1500** Stop **1600** Sch. Start **0700** Stop **0800** Elevation Mask: **15 Deg.** GEOID03 Geoid Height: Operator Name: **TYLER ANDERSEN**

Actual Start **1455** Stop **1606** Actual Start **0655** Stop **0806** For information contact Don Campbell at (707) 445-6343 or Don\_Campbell@dot.ca.gov

Receiver Brand and Model: **Trimble 5700** Antenna Code, Brand and Model: **Trimble Zephyr Geodetic** Equipment Package ID: **D2-02**

P/N: **40406-46** P/N: **41249-00** Antenna plumb before session?  Y/N

S/N: **0440100458** S/N: **12237016** Antenna plumb after session?  Y/N

Firmware Version: **2.01** Cable Length:  3 m  5 m  10 m  Other (specify): Antenna oriented to magnetic north?  Y/N

Tripod or Antenna Mount (check one):  Fixed Height Tripod  Collapsible Tripod

Brand and Model: **SECO 1.8m**

|                                                                              | ANTENNA HEIGHT | Begin Session | End Session  |
|------------------------------------------------------------------------------|----------------|---------------|--------------|
| A = Datum point to top of tripod                                             |                | <b>1.800</b>  | <b>1.800</b> |
| B = Additional offset to ARP if any                                          |                |               |              |
| H = Antenna Height = A + B<br>= Datum Point to Antenna Reference Point (ARP) |                | <b>1.800</b>  | <b>1.800</b> |

P/N: **5117-00-YEL** Note and/or sketch ANY unusual conditions. Be VERY EXPLICIT as to where and how measured!

S/N: **D2-02**

Data File Name(s): **04583130.T01** Updated station description:  Attached  Completed earlier

**2HJ4313A.djt** Visibility obstruction diagram:  Attached  Completed earlier

(Standard NGS Format = aaaaddds.xxx) where aaaa = 4 character ID, ddd = UTC Julian Day, s = Session ID, xxx = file dependent extension Photographs of station:  Attached  Completed earlier

Station rubbing:  Attached

5 Digit Weather Code

Start of Session: **02000** Middle of Session: **02010** End of Session: **02060**

| Code | PROBLEM      | VISIBILITY          | TEMPERATURE            | CLOUD COVER        | WIND                  |
|------|--------------|---------------------|------------------------|--------------------|-----------------------|
| 0    | No Problems  | Good, over 15 miles | Normal, 32° F to 80° F | Clear, below 20%   | Calm, under 5 mph     |
| 1    | Problems     | Fair, 7 to 15 miles | Hot, over 80° F        | Cloudy, 20% to 70% | Moderate, 5 to 15 mph |
| 2    | - Not Used - | Poor, Under 7 miles | Cold, below 32° F      | Overcast, over 70% | Strong, over 15 mph   |

Notes, comments, remarks:

**Foggy**

