



Station Designation: **89 SHA 6.29**

General Location: **6.29 MILES NORTHEAST OF OLD STATION**

4 Character ID: **2JP4** UTC Date: **09/24/2004**

Station PID: Station Serial No.: **2091** UTC Julian Day: **268**

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

Session ID: **D**

NAD83 Latitude: **N 40-44-41.7** NAD83 Longitude: **W 121-28-42.6** NAD83 Ellipsoid Height:

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

Sch. Start **2340** Stop **0040** Sch. Start **1640** Stop **1740** Elevation Mask: **15 Deg.** GEOID03 Geoid Height:

Actual Start **2240** Stop **0042** Actual Start **1540** Stop **1640**

Agency Name: **Caltrans (CA. DOT)** Agency Code: **CADT** Operator Name: **D. Carlson**

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**

P/N: **40406-46** P/N: **41249-00** S/N: **0220308760** S/N: **12606060** Cable Length: 3 m 5 m 10 m Other (specify):

Firmware Version: **2.01**

Equipment Package ID: **D2-11**

Antenna plumb before session? Y N
Antenna plumb after session? Y N
Antenna oriented to magnetic north? Y N

Tripod or Antenna Mount (check one): Fixed Height Tripod Collapsible Tripod
Brand and Model: **SECO 1.8m**

P/N: **5117-00-YEL**
S/N: **D2-11**

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

Note and/or sketch ANY unusual conditions.
Be VERY EXPLICIT as to where and how measured!

Data File Name(s): **87602683.701**
2JP4268D.dat
(Standard NGS Format = aaaaddds.xxx)
where aaaa = 4 character ID, ddd = UTC Julian Day, s = Session ID, xxx = file dependent extension

Updated station description: Attached Completed earlier
Visibility obstruction diagram: Attached Completed earlier
Photographs of station: Attached Completed earlier
Station rubbing: Attached

5 Digit Weather Code

Start of Session: **00100** Middle of Session: **00100** End of Session: **00100**

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:

for the first couple of minutes, the tripod was not on the right spot. I saw the problem and fixed it immediately, but you will want to ignore the first 5 minutes. The instrument was set up early to begin with.

I ENDED TOO EARLY!

NEED TO RE-OBSERVE!

