



Station Designation:  
**36 TEH 67.30**

General Location:  
**HWY 36 EAST OF LANES VALLEY ROAD**

4 Character ID:  
**2FL1**

UTC Date:  
**09/22/2004**

Station PID:  
**266**

UTC Julian Day:  
**266**

Project Name:  
**Caltrans North Region Height Modernization Survey**

Project No.:  
**GPS1988**

Station Serial No.:  
**0207**

Session ID:  
**D**

NAD83 Latitude:  
**N 40-20-48.5**

NAD83 Longitude:  
**W 121-51-44.2**

NAD83 Ellipsoid Height:  
**NAVD88 Orthometric Height:**

GEOID03 Geoid Height:

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

UTC Session Times: LOCAL (-7hr)

Sch. Start **2350** Stop **0050** Sch. Start **1650** Stop **1750**

Actual Start **2305** Stop **0050** Actual Start **1605** Stop **1750**

Epoch Interval **15 Sec.**

Elevation Mask **15 Deg.**

Receiver Brand and Model:  
**Trimble 5700**

Antenna Code, Brand and Model:  
**Trimble Zephyr Geodetic**

P/N: **40406-46** P/N: **41249-00 DC 4126**

S/N: **0220308760** S/N: **12606060**

Firmware Version: **2.01**

Cable Length:  
 3 m  5 m  10 m  Other (specify):

Equipment Package ID:  
**D2-11**

Antenna plumb before session?  N

Antenna plumb after session?  N

Antenna oriented to magnetic north?  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	<b>1.800</b>	<b>1.800</b>
B = Additional offset to ARP if any		
H = Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	<b>1.800</b>	<b>1.800</b>

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

Data File Name(s): **87602663-701**  
**2FL1266D.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:

