



Station Designation:  
**101 MEN 84.77**

General Location:  
**CUMMINGS**

4 Character ID:  
**1BA4**

Station PID:  
**10-13-04**

UTC Date:  
**10-13-04**

UTC Julian Day:  
**287**

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

Project No.:  
**GPS1988**

Station Serial No.:  
**G**

Session ID:  
**G**

NAD83 Latitude:  
**N 39° 50' 02"**

NAD83 Longitude:  
**W 123° 37' 59"**

NAD83 Ellipsoid Height:  
**1255**

NAVD88 Orthometric Height:  
**1400**

Epoch Interval: 15 Sec.

GEOID03 Geoid Height:  
**1255**

Elevation Mask: 15 Deg.

Agency Name: **Caltrans (CA. DOT)**

Agency Code: **CADT**

Operator Name: **BRIAN CURRAN**

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:  
**GEODETIC, TRIMBLE, ZEPHYR**

P/N: **40406-46**

S/N: **0220247382**

Firmware Version: **2.10**

P/N: **41429-00**

S/N: **12237024**

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

Equipment Package ID:  
**UNIT 03A**

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**

P/N: **N/A**

S/N: **N/A**

ANTENNA HEIGHT	Begin Session	End Session
A = Datum point to top of tripod	1.800	1.800
B = Additional offset to ARP if any	0.000	0.000
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): **1BA4ZBTG.DAT**

(Standard NGS Format = aaaadddd.xxx)  
where aaaa = 4 character ID, dddd = 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: **01000** Middle of Session: **01000** End of Session: **01000**

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:

