



Station Designation: **48.89**  
**36 TEH-48.86**

General Location: **TEH 36 4.9 MILES NORTH OF HWY 99**

4 Character ID: **2EK4** UTC Date: **09/23/2004**

Station PID: UTC Julian Day: **267**

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

Station Serial No.: **2050** Session ID: **C**

NAD83 Latitude: **N 40-14-55.5** NAD83 Longitude: **W 122-08-58.0** NAD83 Ellipsoid Height:

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

Sch. Start **2045** Stop **2145** Sch. Start **1345** Stop **1445** Elevation Mask 15 Deg. GEOID03 Geoid Height:

Actual Start **2035** Stop **2146** Actual Start **1335** Stop **1446**

Agency Name: **Caltrans (CA. DOT)**  
 Agency Code: **CADT**  
 Operator Name: **JACK HUBBARD**  
 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: **D2-10**

P/N: **40406-46** P/N: **41249-00**  
 S/N: **0220308755** S/N: **12474900**  
 Firmware Version: **2.01** Cable Length:  3 m  5 m  10 m  Other (specify):

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**

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): **B7552672.T01**  
**2EK4267C.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:

