

SUMMARY APPLICATION FOR  
CERTIFICATION OF COURSE LENGTH

Date of  
Application: May 5, 1997

Name of course: USCAA 5K      Race Date: July 19, 1997  
Location: UC San Diego campus, San Diego, CA

Measuring method: Bike  Steel Tape  EDM  Other:  
Measuring instrument: Jones  Other:

Measured by: Rider #1      Rider #2      Rider #3  
Name: Hank Lawson      Same  
Street: 12375 Farr Ranch Rd  
City, St: Saratoga, CA 95070  
Phone: (408) 446-9063

A. DESCRIPTION OF THE COURSE

1. Course: Flat  Rolling  Hilly  Uphill  Downhill
2. Altitude: Start  High  Low  Finish  Sea Level
3. Surface: Paved [ 99%] Dirt [ %] Sand/Gravel [ %] Grass [ 01%]
4. Type: Road Race  X-Country  Calibration  Track
5. Distance (straight line) between start & finish: 221 yards
6. Draw a complete detailed map of the course with the names of all streets, paths & trails. Show all dirt and grass sections. Show the exact race path measured along the route indicating which portion of each street is available to the runners and how each turn is taken. Please give a dimensioned detail of the start and finish relative to permanent landmarks (mailboxes, light poles, curb cuts, etc.) and as well, any other aspect of the course necessary to clarify the course (such as turn around, etc.). If miles and/or kilometers are indicated, dimension to permanent objects. See attached maps and course description.

B. CALIBRATION OF MEASURING INSTRUMENT

1. Calibration course:  
Name: PROSPECT ROAD 880 YARD      Length: 880 yard  
Location: Prospect Rd, Saratoga, CA      Cert #: PA-8220  
**NOTE:** Done 3 days prior to measurement of course.

2. Calibration of the instrument (list date, time, temp & data)  
08/22/96, 11:00 AM - 11:30 AM, 60 degrees, dry

a. Calibrate before measuring course (4 times)

Ride #1:	Ride #2:	Ride #3:	Ride #4:
48000	56000	64000	72000
55517	63516	71516	79517
7517 (15034)	7516 (15032)	7516 (15032)	7517 (15034)

$$15034 * 1.001 \text{ (SCPF)} = 15049$$

1a. Calibration course:

Name: UC San Diego Track Length: 400 meters  
Location: UC San Diego campus, San Diego, CA

NOTE: Rode 2 laps of the 400 meter track and an additional 15'4" for a full 880 yard calibration.

Note: Calibration course must be certified & the start & finish verified. Call local office for info.

2a. Calibration of the instrument (list date, time, temp & data)

08/25/96, 9:30 AM - 4:30 PM, 70 degrees, dry

a. Calibrate before measuring course (4 times)

Ride #1:	Ride #2:	Ride #3:	Ride #4:
68000	76000	84000	92000
75517	83515	91516	99517
7517 (15034)	7515 (15030)	7516 (15032)	7517 (15034)

15034 \* 1.001 (SCPF) = 15049

Although the track is not a straight course, it is certified as being 400 meters so I hope this is sufficient.

b. Re-calibrate after measuring course (2 times) Done after 10K measurement.

Ride #1:	Ride #2:
65000	73000
72517	80517
7517 (15034)	7517 (15034)

Average digits per mile/km for each day for each operator:

Date: 08/25/96 Name: Hank Lawson Digits/mile: 15049 Km:

C. COURSE MEASUREMENT

Note: Certification requires two measurements of the course and the calibration operation and riding the course must be done on the same day by the same rider.

1. Was measured route identical to the shortest legal route? YES
2. Were turns measured within 12" of curbs & 8" where uncurbed? YES
3. If part of course is dirt/grass how were areas measured? There is only a 50 meter section of grass that is a direct line from the road to the track and was measured as such.
4. Was the instrument calibrated immediately before measuring? YES  
Immediately after measuring? YES  
If the answer to either question is "NO", please explain: N/A
5. .1% short course prevention factor (SCPF) must be added to each course. (Note: best added to calibration digits).
6. List the date, time and raw data for each measurement.  
Note: 5 km = 3.1068559 miles, 10km = 6.2137119 miles, marathon = 26.21875

Ride 1: I rode the course forward, from the desired start location to the finish.  
Start (00000): At light pole #650 which is located directly on the curve on Hopkins Dr by the UCSD track. (Not an ideal starting location due to the curved start).  
Mile 1 (15049): At light pole #901, on the right, 75 yards past Main Gym (bldg #56)  
Mile 2 (30098): At red water meter, on the right, which is next to a red fire hydrant. Both are in front of the Price Center (bldg #15) which is on Library Walk. It's also 20 feet in front of the 'L' hand turn runners are about to make.

Upon entering the track, you must run in lane 5 until you pass the Start/Finish line of the track. Then you may run in lane 1 for the remainder of the race. This is should be coned off for the race in order to avoid runner confusion. You run a total of 1.5 laps on the track for the finish of the race.

Mile 3 (45147): Tip of the lane # "1" marker where the 200 meter dash starts.  
Finish (46753): At the 100 Meter and 110 Meter HH Finish. This is not the same finish line that the 400 Meters and up races finish at, it's actually before that finish line (look for markings on the track for those 2 events - 100 Meter & 110 Meter HH).

Ride 2: I then rode the course from the finish to the start (backwards).  
Start (47000): No need to locate mile markers since I will be riding the course backwards.  
Finish (93869): If both rides were the same, I should have had a finish reading of 93753 for the total distance. I was over by 116 clicks. Which means my first ride was the "tighter" of the 2 rides and would be the longer run for the runners. So I will use my first ride as the correct ride.

b. Re-calibrate after measuring course (2 times)

Ride #1:	Ride #2:
98000	04000
03516	11517
7516 (15032)	7517 (15034)

7. Describe any adjustments (computations/measurements) to set the course to the desired length:

None. I will be using Ride 1 as my course since it was the "tighter" of the two rides.

8. List total length of final course. 5K (3.1068559 miles)

9. List adjusted difference between the two rides. Difference between 2 rides is 116 clicks but I'm not going to adjust between the 2 rides, I will keep Ride 1 as my 5K course.

SIGNATURE OF APPLICANT: 

Date: 5/5/97

Be sure to include \$25.00 per application (payable to USATF).

Central & Northern California: Carl Wisser, 4899 Shafter Av,  
Oakland, CA 94069 (415) 652-7996

LA area: Ron Scardera, 6907 Camrose Dr, Los Angeles, CA 90068

San Diego & Imperial Counties, California: Bob Letson, 4369

Hamilton St #4, San Diego, CA 92104 (619) 298-0924

Calibration ~~at the~~ S'tage on Prospect 880 course, 3 days prior, was 15035 per mile.

Ride #1

5k

①

Calibration → UCSD 400m track - 2 laps + 15'4" for 880 calibration  
 Day ≈ 70°

Ride 1: 
$$\begin{array}{r} 75517 \\ 68000 \\ \hline 7517 \times 2 = 15034 \end{array}$$

Ride 2: 
$$\begin{array}{r} 83515 \\ 76000 \\ \hline 7515 \times 2 = 15030 \end{array}$$

Ride 3: 
$$\begin{array}{r} 91516 \\ 84000 \\ \hline 7516 \times 2 = 15032 \end{array}$$

Ride 4: 
$$\begin{array}{r} 99517 \\ 92000 \\ \hline 7517 \times 2 = 15034 \end{array}$$

Although the track is not a straight course, it is certified as being 400 meters so I hope this is sufficient.  $15034 \times 1.001 \text{ (SCFF)} = 15049$  per mile

Start = 00000 Pole light #650 - right on curve (bad place to start)

1 Mile = 15049 Light pole #901 - on Right - 70-80 yds past main gym

2 Mile = 30098 Red water meter, on R, which is next to a red hydrant, both of which are in front of the

~~3 Mile = 45147~~ (also 20' in front of **L** <sup>photo center bldg</sup> hard turn)  
 not yet

The gate that the course goes thru was closed and locked. Clicks to that point = 39867

(2)

I rode around thru another gate, reset my counter back to 39867 and since the wheel was 1' on either side of the gate off, I added 2' of clicks so my new counter on other side of gate was 39874. Run in Lane 5 until you pass the finish. So you run 1 1/2 laps on track at the end.

3 miles = 45147 Tip of the "I" where the 200M starts

Finish (3,106<sup>1606 clicks</sup>8559) = 46753 At the 100M and 110M AH Finish

which is NOT the Common <sup>START</sup> FINISH

They put the 100M & 110M AH finish forward in order to have it finish in front of the bleachers (this is what someone at the track told me). This is why it's not the same finish place as the common START/FINISH line.

5k

3

Ride # 2 (backwards)

Start = 47000

+ 46753

93753 should be finish count

53996 @ gate, add another 7 clicks for 2' = 54003.

93869 was my actual finish count, riding the course backwards.

- 93753  
116

My first ride was the "fighter" of the 2 rides by 116 clicks (~~2~~ 13 yards). Which would be my longest run for the runners.

RE-CALIBRATE

Ride 1: 103516

96000

7516 \* 2 = 15032

Ride 2: 11517

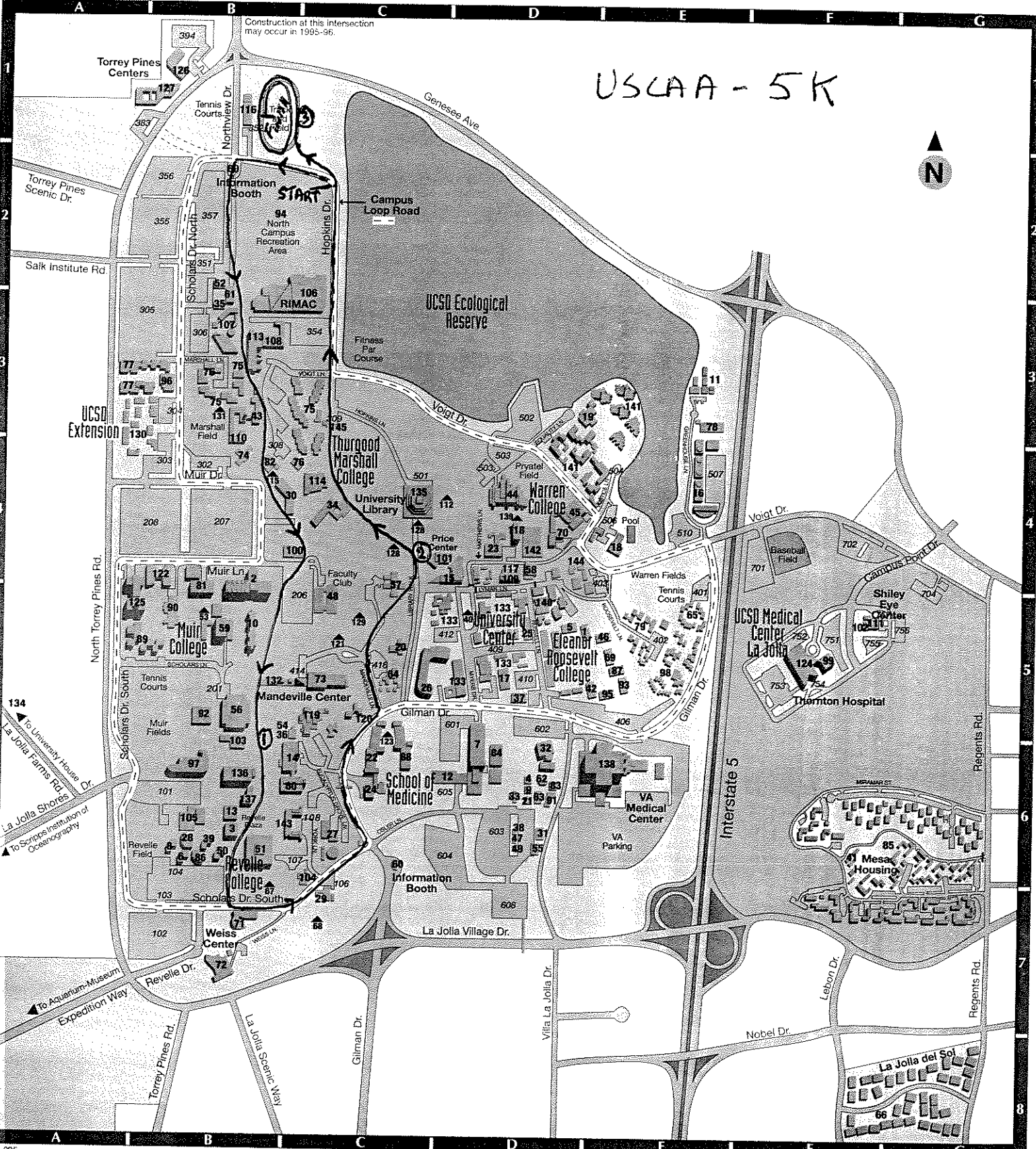
04000

7517 \* 2 = 15034

So I will use the 15034 (15049 w/SCPF) as my clicks per mile.

# UCSD CENTRAL CAMPUS

USCAA - 5K



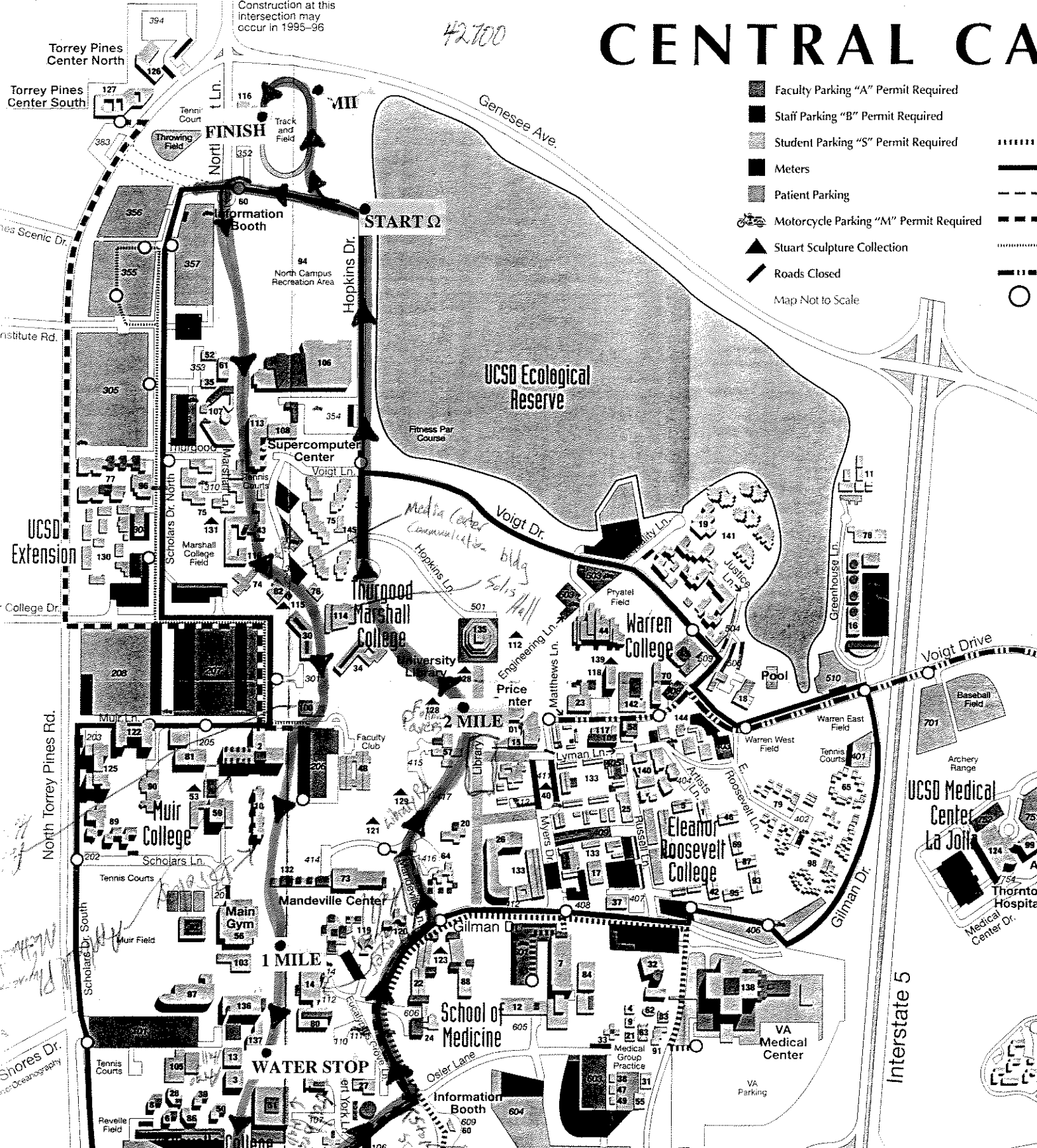
# UNIVERSITY OF CALIFORNIA

USCAA NATIONAL - 5K COURSE - JULY 20th



A B C D E F

# CENTRAL CAMPUS



Construction at this intersection may occur in 1995-96

42700

- Faculty Parking "A" Permit Required
  - Staff Parking "B" Permit Required
  - Student Parking "S" Permit Required
  - Patient Parking
  - Motorcycle Parking "M" Permit Required
  - Stuart Sculpture Collection
  - Roads Closed
- Map Not to Scale

UCSD Ecological Reserve

START

FINISH

WATER STOP

Interstate 5

UCSD Medical Center La Jolla

Torrey Pines Center North  
Torrey Pines Center South

UCSD Extension

Muir College

Shores Dr.

Media Center Communication bldg

2 MILE

1 MILE

School of Medicine

VA Medical Center

UCSD Medical Center La Jolla

Thornton Hospital

Medical Center Dr.

Genesee Ave.

Hopkins Dr.

UCSD Ecological Reserve

Voigt Dr.

Price Center

Lyman Ln.

Gilman Dr.

Information Booth

Torrey Pines Center North  
Torrey Pines Center South

UCSD Extension

Muir College

Shores Dr.

Media Center Communication bldg

2 MILE

1 MILE

School of Medicine

VA Medical Center

UCSD Medical Center La Jolla

Thornton Hospital

Medical Center Dr.

Genesee Ave.

Hopkins Dr.

UCSD Ecological Reserve

Voigt Dr.

Price Center

Lyman Ln.

Gilman Dr.

Information Booth