

Date of Measurement **12-Aug-07**
 Name of Measurer **Bruce Leasure**
 Length of Calibration Course **385.1212** meters
 Name of Calibration Course **Portland Ave Calibration**

1. Ride the calibration course 4 times recording the data as follows

Ride	Start Count	Finish Count	Difference
1	33759	37513	3754
2	37513	41267	3754
3	41267	45021	3754
4	45021	48776	3755
average count			3754
date			12-Aug
time of day			9:30 AM
temperature			70 degrees Farenheit
safety factor			1.001

WORKING CONSTANT **9757** per kilometer
15702 per mile

2, Now, measure the course, including all intermediate distances.

Use the working constant.

Enter data on the Course Measurement Data Sheet

3. Recalibrate the bicycle by riding the calibration course 4 times

Ride	Start Count	Finish Count	Difference
1	89010	92764	3754
2	92764	96519	3755
3	96519	100273	3754
4	100273	104028	3755
average count			3754
date			22-Jul
time of day			12:00 PM
temperature			75 degrees Farenheit
safety factor			1.001

FINISH CONSTANT **9757** per kilometer
15702 per mile

CONSTANT OF THE DAY **9757** per kilometer
15702 per mile

Working Constant is OK

Name of Course **2007 Midtown Greenway 2km**

Name of Measurer for ride #1 **Bruce Leasure**

Working Constant **9757** per kilometer
15702 per mile

Date **12-Aug-07** Start: Time **10:00 AM**
Finish: Time **10:20 AM**

Temp **70**
Temp **71**

Name of Measurer for ride #2 **Bruce Leasure**

Working Constant **9757** per kilometer
15702 per mile

Date **12-Aug-07** Start: Time **10:30 AM**
Finish: Time **10:50 AM**

Temp **72**
Temp **73**

Measure Course

	Location	km	Counts	Ride #1	Delta	Ride #2	Delta	Check
Start	Center	0	-	49200	-	69427	-	-
	West End	0.5	04878	54078	04878	74305	04878	00000
	Center	1	09757	58957	09757	79182	09755	00002
	East End	1.5	14635	63835	14635	84065	14638	00003
Finish	Center	2	19514	68714	19514	88944	19517	00003

Ride #1 vs. Ride #2 Error Check

Ride #1 Distance **2.0000 km**

Ride #2 Distance **2.0003 km**

Error Ratio **0.00015**