



TUZLA BELEDİYESİ 10 K
FILE OF MEASUREMENT
2025



**TUZLA
BELEDİYESİ**

Rıdvan DOĞAN- Rifat ARABACI
Grade B Mesureurs - W.A. / A.I.M.S.

WA – AIMS COURSE MEASUREMENT DETAILS

Request for Certificate of measurement

Application for a certificate to be attached to the complete report concerning the measurement
Please join this request to the complete report of measurement

Name of Race : **TUZLA BELEDİYESİ 10 K**

Distance : **10 000 M**

City (ville) : **İSTANBUL**

Country (Pays) : **TÜRKİYE (TUR)**

Type of course (type de circuit) : ~~point to point~~ - **lap, out and back**, (boucle, aller retour, ville à ville)

LAP : 1

Date of event (date de l'épreuve) : **21 Sep 2025**

Date of measurement (date du mesurage) : **25 Apr 2025**

Start Altitude : 1 m Finish Altitude : 1 m HIGHEST POINT : 15m

SEPARATION BETWEEN START AND FINISH 0 m

W.A - AIMS Measurer(s) with adress and Mail : **Rıdvan DOĞAN**

TEKIN SK.HAVUZ SIT.3E D 13 KADIKOY-İSTANBUL (TUR) aridvandogan@yahoo.com

W.A -AIMS Measurer(s) with adress and Mail : **Rifat ARABACI**

SAKIZAGACI APT N 10 D 11 KARTAL/İSTANBUL (TUR) arabacirifat@gmail.com

W.A -AIMS Grade Measurers (grade des mesureurs) : **B**

Country of the measurers (pays des mesureurs) : **TUR**

Part reserved for the administrator

AIMS-W.A. area Administrator : **Lucija Kolić** (lucijakolic@gmail.com)

Date registered :

Certificate Number :

Expiry Date : 31/12/

APPLICATION FOR CERTIFICATION OF A ROAD COURSE

NAME OF EVENT	TUZLA BELEDİYESİ 10 K
RACE DATE	21 Sep 2025
ADVERTISED RACE DISTANCE	10 000 M
LOCATION OF START	The starting line and finish line are in the same locations. The race will take place in the direction of "SAHİL YOLU STREET". The crux of the starting line is at the manhole cover 10.20 m Street light on the right
LOCATION OF FINISH	NEXT TO THE START
MEASURES	Rıdvan DOĞAN Grade B Measurer TEKİN SK.HAVUZ SIT.3E D 13 KADIKOY-İSTANBUL (TUR) aridvandogan@yahoo.com Rıfat ARABACI Grade B Measurer SAKIZAGACI APT N 10 D 11 KARTAL/İSTANBUL (TUR) arabacirifat@gmail.com Country of the measurers : TÜRKİYE
RACE ORGANIZER	TUZLA BELEDİYESİ Evliya Çelebi, Hatboyu Cd. No:17, 34945 Tuzla/İstanbul +90 444 0 906 https://www.tuzla.bel.tr /Managing Director • Onur Ceylan o.ceylan@tuzla.bel.tr
TYPE OF TERRAIN	FLAT WITH LIGHT SHORT UPHILLS/DOWNHILLS
TYPE OF COURSE	LOOP COURSES
ELEVATION	START/FINISH 1 m HIGHEST POINT 15 m SEPPARATION BETWEEN START AND FINISH 0 m

STREET BY STREET FOR CERTIFICATION OF A ROAD COURSE

STREET BY STREET	~KM	LINES AVAILABLE	TRAFFIC
START Sahil Yolu Street	0. km	2 lines	without traffic
Manastır Road	1. km	full width, 1 lines	without traffic
Rauf Orbay Street	2. km	full width, 1 lines	without traffic
Rauf Orbay Street	3. km	full width, 1 lines	without traffic
Rauf Orbay Street	4. km	full width, 1 lines	without traffic
Rauf Orbay Street	5. km	full width, 1 lines	without traffic
Rauf Orbay Street	6. km	full width, 1 lines	with traffic
Rauf Orbay Street	7. km	full width, 1 lines	with traffic
Rauf Orbay Street	8. km	full width, 1 lines	with traffic
Manastır Road	9 km	full width, 1 lines	without traffic
FİNİŞ Sahil Yolu Street	10. km	full width, 2 line	without traffic

CERTIFICATE OF MEASUREMENT OF A PEDESTRIAL RACE

I certify that I have carried out, according to the W.A. protocol of the bicycle calibrated at the Jones Counter, the measurement records of the pedestrian race of: TUZLA BELEDİYESİ 10 K (TUR) organized on: **21 Sep 2025**

2 - Having made only one measurement reading, it was compared to the measurement reading of another official (attach this second reading) and we concluded that the proposed circuit measured the distance of: **9,8224 m**

3 - Consequently, we proposed to the organizer the following modification: the circuit being too short of 177,62 m, we carried out the line, in Rauf ORBAY Street (TP 1), 85,67x2 +6,28 (Viraj) by extending of provided Measured using STANLEY Class II metal tape. This modification makes it possible to bring the final distance of the course of the event referenced above to: **10 000** meters.

4 - **The start** is located in SAHİL YOLU STREET, (see photos).

The arrival is located in SAHİL YOLU STREET, (see photos).

The highlight of the starting line is at 10,20 m Street light on the right (see photos).

The starting and finishing points and the intermediate kilometres, start,1,Tp1,5,TP2, finish have been marked by triangulation, painted and studded (see plans and photos in this file)

5 - I attach to this certificate the signed plans of the circuit as well as the description of the detailed statements of all the landmarks and all the restrictive conditions agreed with the organizer (marking of the sidewalks, direction of the bypass of the roundabouts , precise location of the barrier, precise details of departure and arrival)

Signature of measurers

Rıdvan DOĞAN- Rifat ARABACI

R.D.

R.A

Names and signatures of helpers

Ümit YILMAZ

U.Y.



TUZLA BELEDİYESİ 10 K

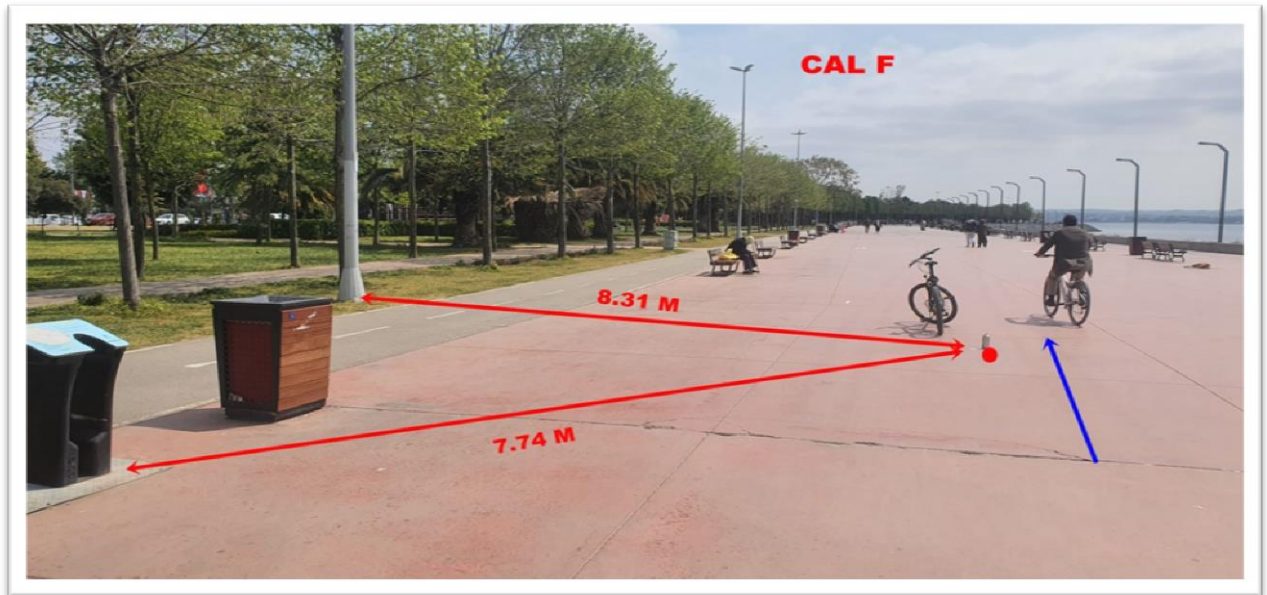


DETAIL OF CALIBRATION COURSE

NAME OF EVENT	TUZLA BELEDİYESİ 10 K
LOCATION OF CALIBRATION COURSE	SAHİL YOLU (<i>İSTANBUL</i>)
LENGTH OF CALIBRATION COURSE	300 m
DATE/TIME/TEMPERATURE	25 APR 2025./11:25/14 °C
CITY/COUNTRY	<i>İSTANBUL</i> / /TUR
MARKINGS	STEEL NAILS, COLORFUL SPRAY
MEASURERS	Rıdvan DOĞAN-Rıfat ARABACI (B grade)



Roll -1.8° Pitch -13.7°
MAGNETIC FIELD 45 μ T
N 40°48'46.918", E 29°18'22.962"
İsimsiz Yol Cami İstanbul
344° N **TRUE HEADING 349° N**



Roll 1.5° Pitch -5.2°
MAGNETIC FIELD 52 μ T
N 40°48'51.946", E 29°18'11.827"
Cami İstanbul

308° NW

**TRUE HEADING
312° NW**



Determination of a calibration BASE



Location of base

TUZLA SAHİL

TUR

Pays

CITY

İSTANBUL

Date of Statements

25.04.2025

Start Time : **11H20**

Start temperature : **14°C**

Finih Time : **12H15**

Finih temperature : **14°C**

First measure

A: starting point (final)

B: end point

n: tape carry number

L: length of the metal tape

$$AB = n \times L = 6 \times 50m = 300 m$$



Second mesure

BB1 = 1.00m and start from B1 in the opposite direction

$$BA = (n \times L) - BB^1 + AA^1 =$$

300,000m

Average of the 2 measurements :

299,995

T.C.F(thermal correction factor) :

0,9999304

Corrected measurement of AB = mean of measurements x

299,976M

by moving away

We get the end point **F**

point B of

2,4cm

relative to point **A**

—by bringing

The metal tape calibration BASE between points A and F of definitive benchmarks (painted and studded)

Registration number

is certified for the distance of :

300 meters

5

TUR

2025

Location and description of the landmarks of the Base:

TUZLASAHİL (TUR)

On Point **A**: lamppost, at 15.81 m

On Point **F**: lamppost, at 08,31 m

Name and signatures of measurers

DOGAN Ridvan

ARABACI Rifat

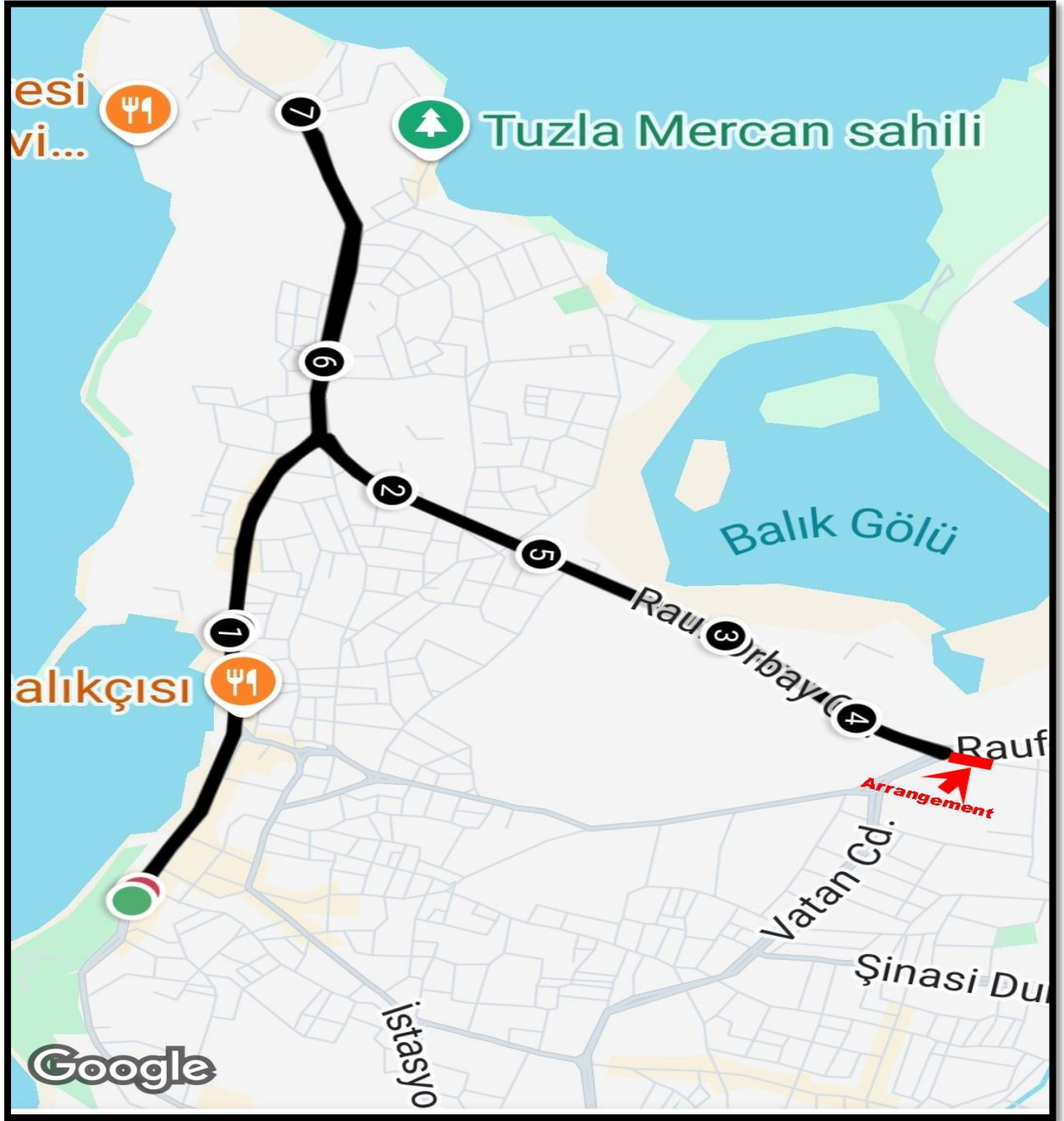
Names of assistants

Ümit YILMAZ

Signed plans appended

TUZLA BELEDİYESİ 10 MARATHON

RACE COURSE



RIDVAN DOĞAN-RIFAT ARABACI

TUZLA BELEDİYESİ 10 MARATHON

CALIBRATION & COUNTERS

TUZLA BLD. 10K 25

PRE-CALIBRATION

	Start Count	Finish Count	Difference
1	20200	23430	3230
2	23400	26630	3230
3	26600	29830	3230
4	29800	33030	3230
			12920

$12920/4=3230$
 $3230/300 \times 1,001 \times 1000=10777,433$

Working Constant=**10777,433**

Constant For The Day=**10777,433**

POST-CALIBRATION

Start Count	Finish Count	Difference
106000	109230	3230
109200	112432	3230
112400	115630	3230
115600	118830	3230
		12920

$12920/4=3230$
 $3230/300 \times 1,001 \times 1000=10777,433$

Finish Constant=**10777,433**

10777,433	READING	Cum.Count	Cum.Distance	Difference
Start Count	51700			
PR1	62509	10809	1002,92	2,92
TP1	91447	39747	3687,98	
PR5	105589	53889	5000,17	0,17
TP2	125658	73958	6862,3	
FINISH	157572	105872	9823,49	176,51
		$10000-9823,49=176,51$		

RIDVAN DOGAN B GRADE



TUZLA BELEDİYESİ 10 MARATHON CALIBRATION & COUNTERS



TUZLA BELEDİYESİ 10 K

PRE-CALIBRATION

Start Count	Finish Count	Difference
267800	272595	4795
272595	277389	4794
277389	282184	4795
282184	286978	4794
		19178

POST-CALIBRATION

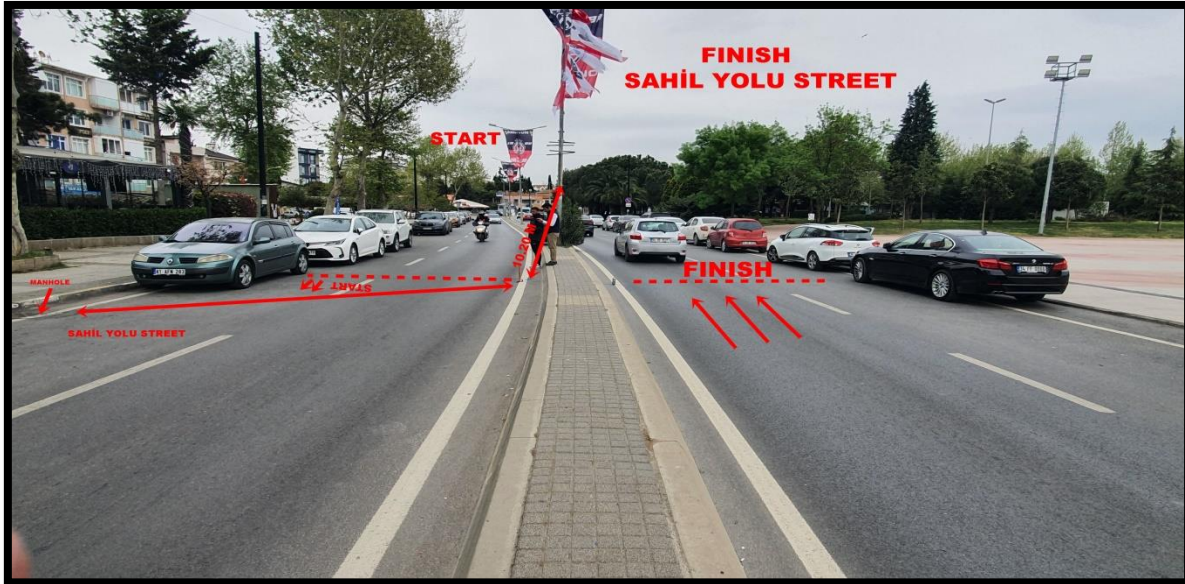
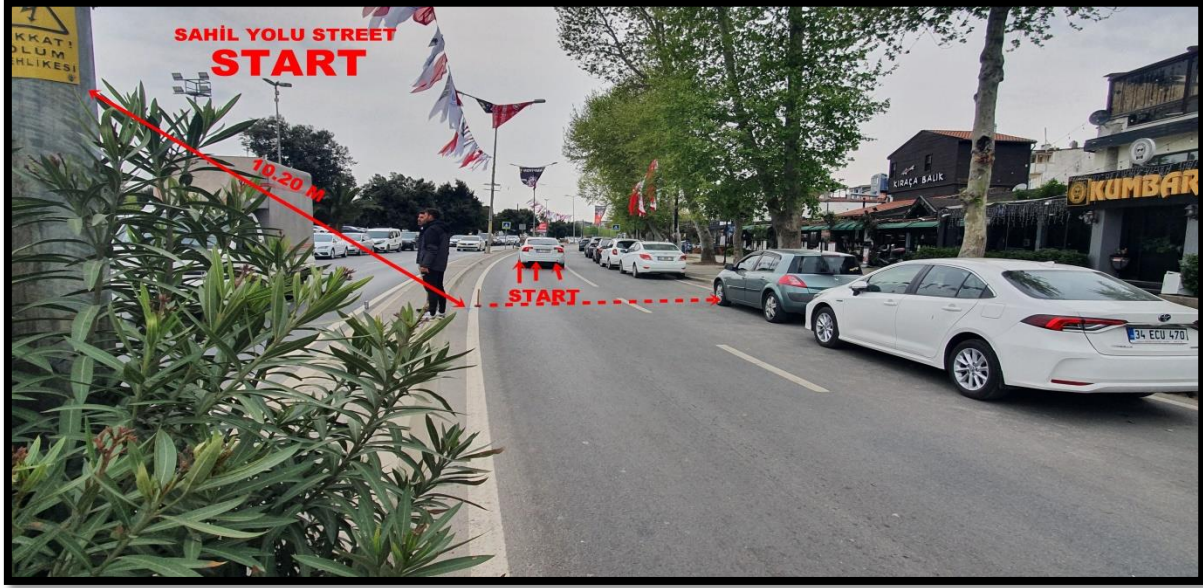
Start Count	Finish Count	Difference
472000	476795	4795
476795	481589	4794
481589	486384	4795
486384	491178	4794
		19178

4794,50
4794.5/300X1000X1.001= 15997,648 15997648
Working Constant= 15997,648
Constant For The Day= 15997,648

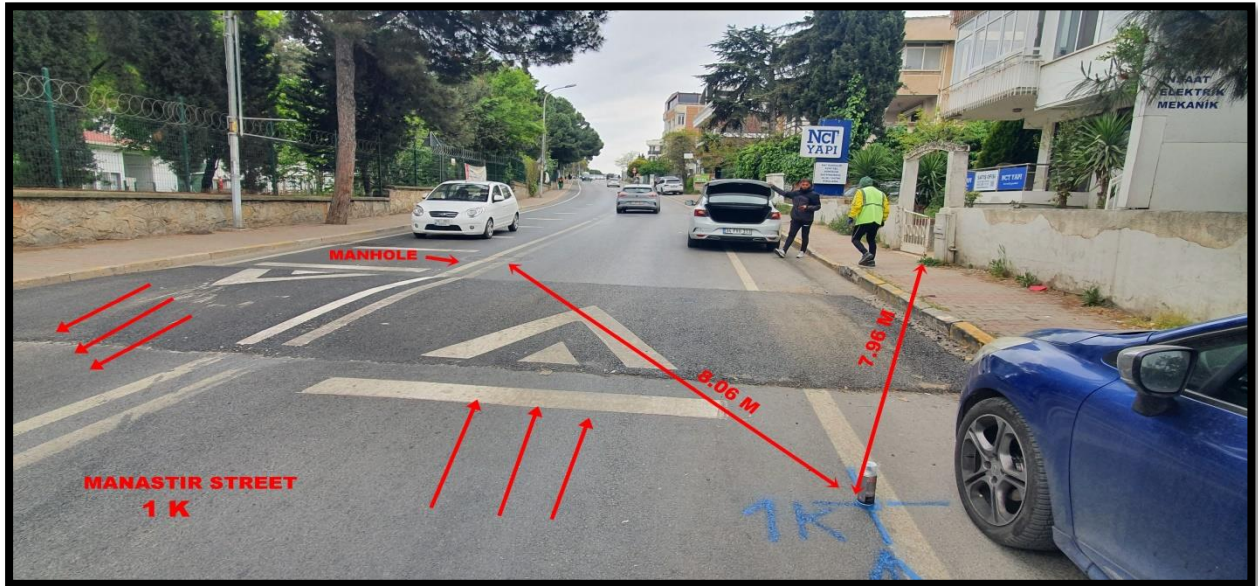
4794,50
4794.5/300X1.001= 15997,648
Finish Constant= 15997,648

	READING	Cum.Count	Cum.Distance	Difference (-+)
Start Counter	314500			
PR 1	330544	16044	1,00290	0,002897
TP 1	373486	58986	3,687	
PR 5	394516	80016	5,002	0,002
TP 2	424269	109769	6,862	
FINISH	471635	157135	9,8224	0,17762

10 -9,8224= 0,17762
Rifat ARABACI

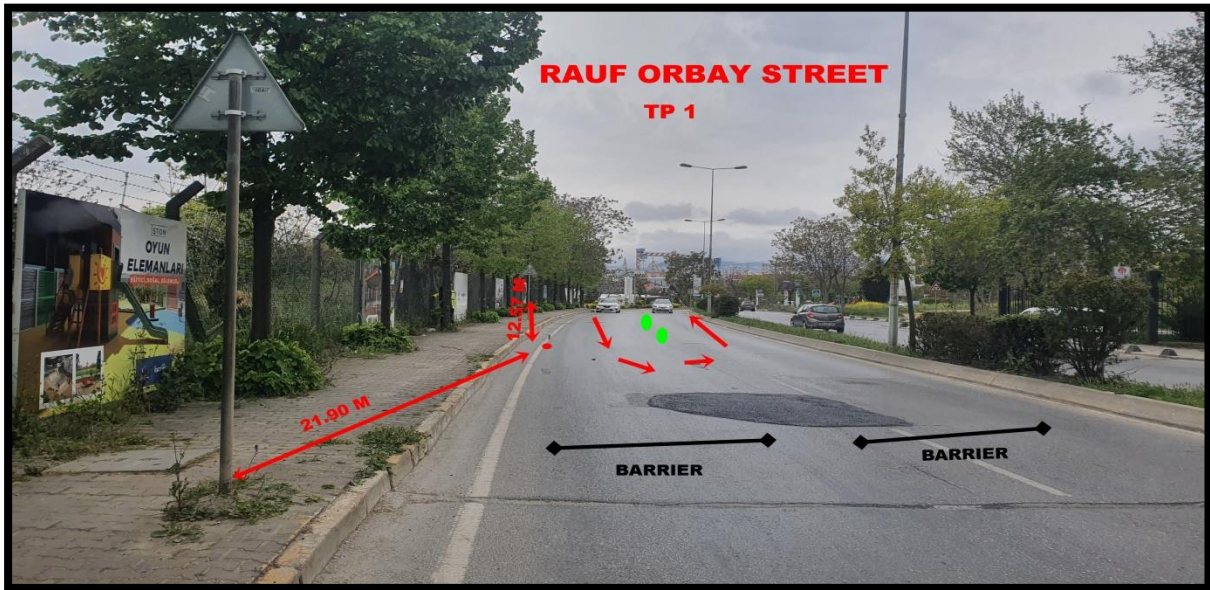
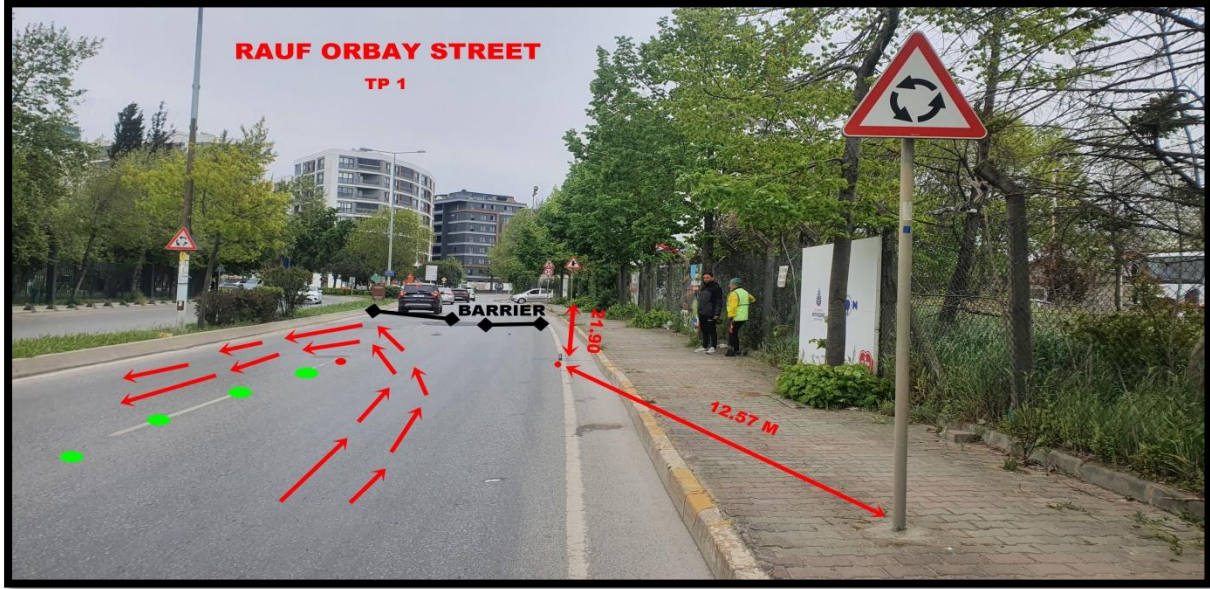


Roll -5.7° Pitch 0.4°
MAGNETIC FIELD 44 μ T
N 40°48'53.246", E 29°18'18.244"
No:76 Cumhuriyet Caddesi Cami
İstanbul
275°
TRUE HEADING 279°



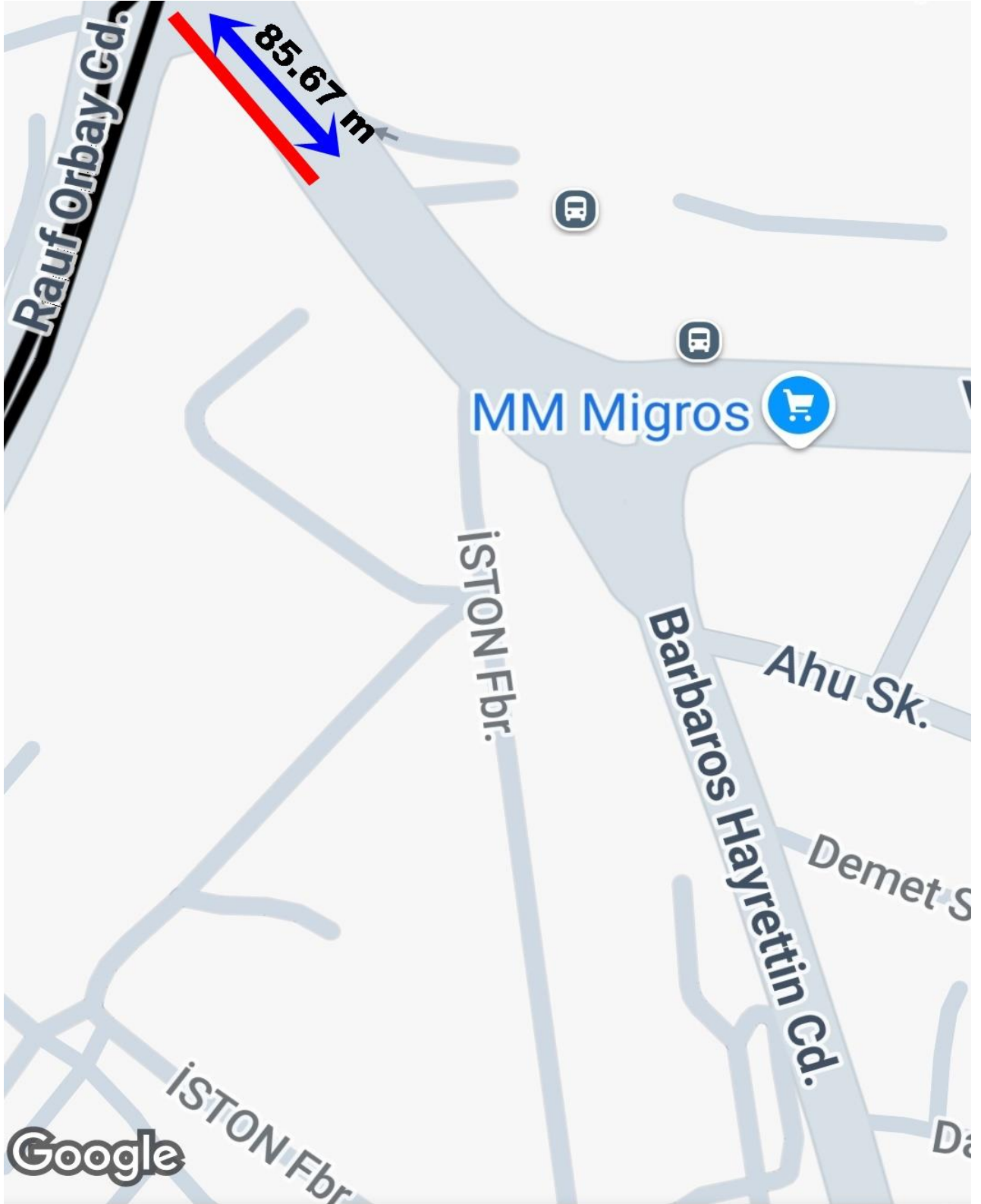
Roll 0.0°Pitch -10.3°
MAGNETIC FIELD 54 μT
N 40°48'59.127", E 29°17'37.549"
1 Manastır Yolu Postane İstanbul
279° **TRUE HEADING**
283°

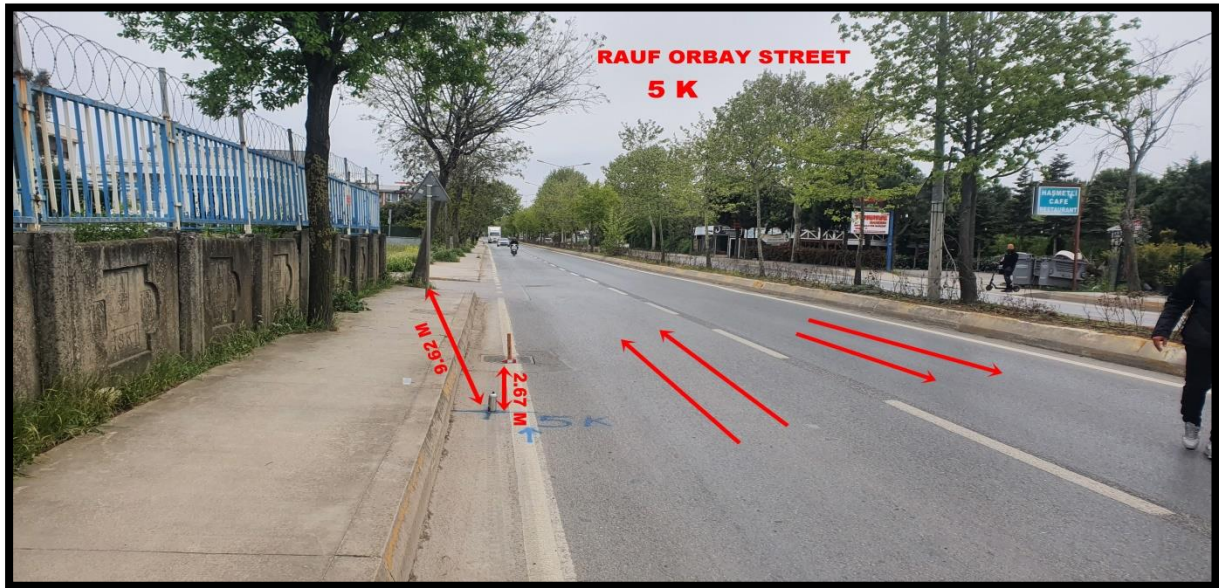
TURNING POINT 1



Roll -1.5° Pitch -6.4°
MAGNETIC FIELD 45 μ T
N 40°49'56.806", E 29°17'51.611"
96 Barbaros Hayrettin Caddesi Yayla
İstanbul 318° NW **TRUE HEADING 322° NW**

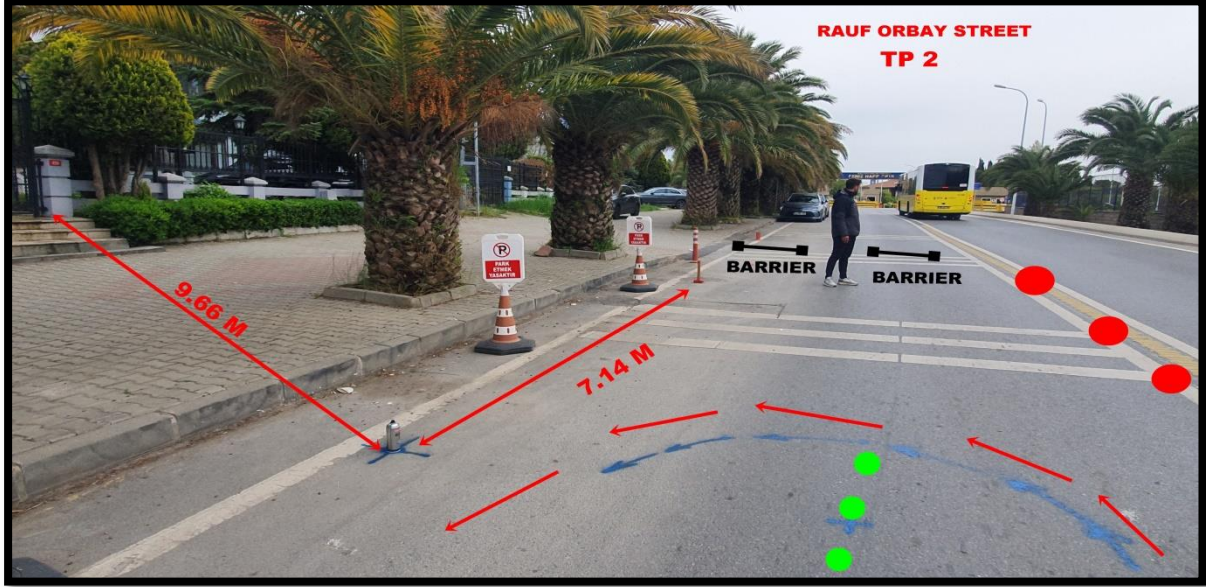
ADJUSTMENTS POINT



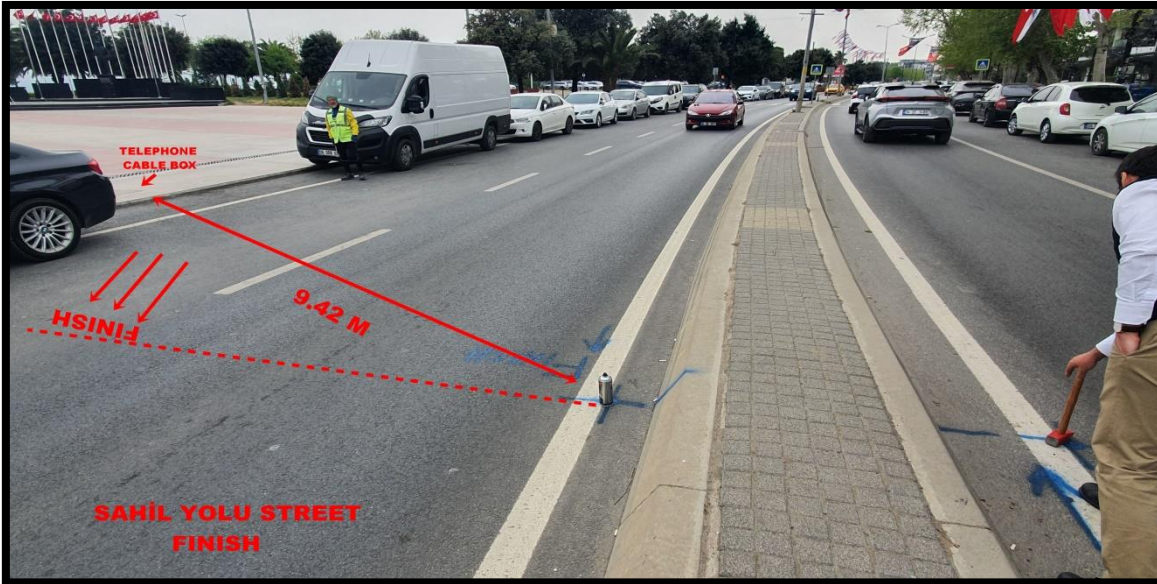
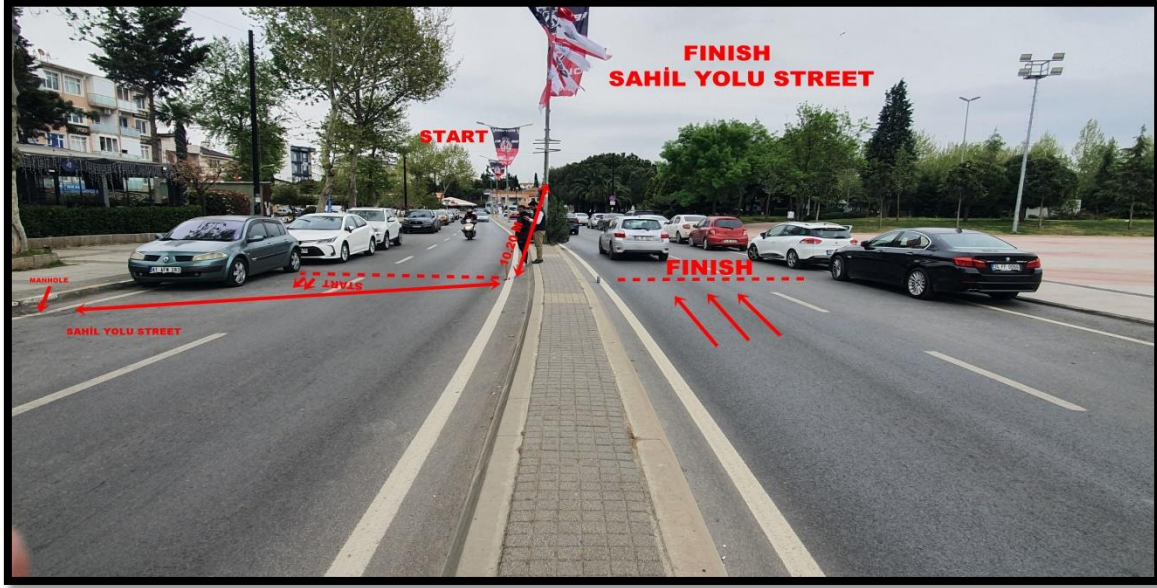


Roll 3.5° Pitch -14.1°
MAGNETIC FIELD 53 μT
N 40°49'27.429", E 29°17'25.697"
115 Rauf Orbay Caddesi Postane
İstanbul
198° S
TRUE HEADING
203° SW

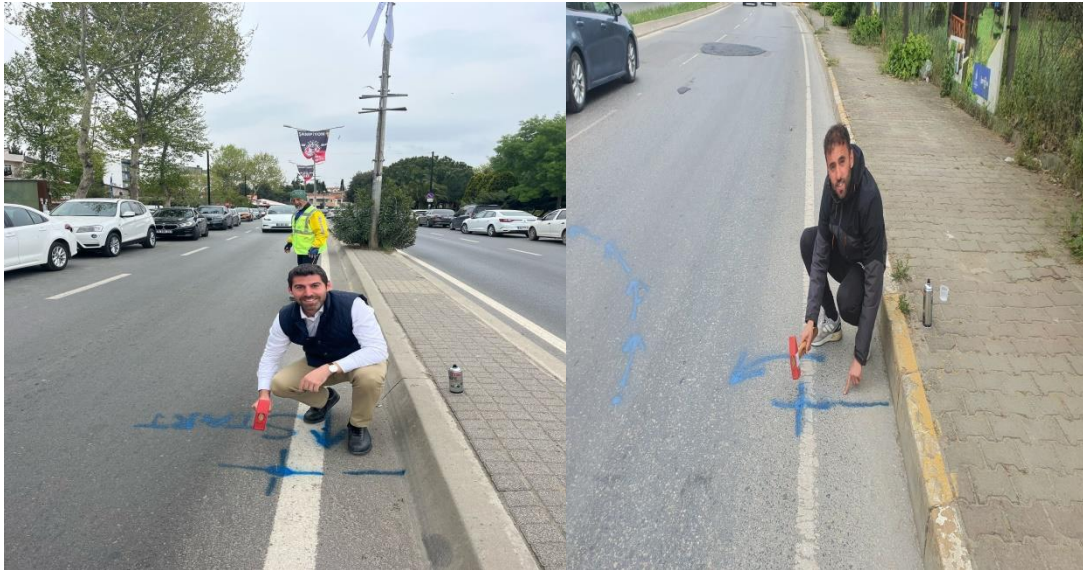
TURNING POINT 2



Roll -1.5° Pitch -6.4°
MAGNETIC FIELD 45 μ T
N 40°49'56.806", E 29°17'51.611"
96 Barbaros Hayrettin Caddesi Yayla
İstanbul 318° NW **TRUE HEADING 322° NW**



Roll -5.7° Pitch 0.4°
MAGNETIC FIELD 44 μ T
N 40°48'53.246", E 29°18'18.244"
No:76 Cumhuriyet Caddesi Cami
İstanbul
275°
TRUE HEADING 279°



Managing Director . Onur CEYLAN

Thanks for your helps 🙌😊