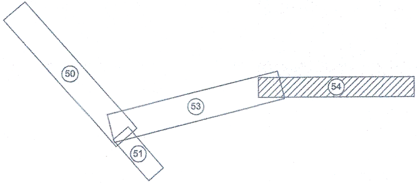


LEGENDA/LEGEND

B1 / 95.218	BORNA RETEA DE INDESIRE/ BENCHMARK OF THE SECONDARY NETWORK
501 / 95.218	REPER DE NIVELMENT DE BAZA/ REFERENCE BASE LEVEL
501 / 95.218	REPER DE NIVELMENT TEHNIC/ REFERENCE TECHNICAL LEVEL
km 3 / 3,5	BORNA KILOMETRICA-HECTOMETRICA/ KILOMETRIC-HECTOMETRIC BENCHMARK
Bz	BORNA ZONA CF/ BENCHMARK OF THE RAILWAY AREA
□ K	BORNA CABLU/ CABLE BENCHMARK
□ Fo	BORNA FIBRA OPTICA/ OPTICAL FIBER BENCHMARK
□MF	MUFA CABLU/ CABLE BOX
□	CUTIE CABLU/ CABLE BOX
○ C.cv.	COLOANA CONVORBIRE/ CONVERSATION COLUMN
	MARCA DE SIGURANTA/ SAFETY MARK
	SEMNAL LUMINOS PE STALP/ LIGHT SIGNAL ON POLE
	SEMNAL LUMINOS PITIC/ SMALL TRAFFIC LIGHTER
	AVERTIZOR PENTRU TRECERE LA NIVEL/ WARNING DEVICE FOR LEVEL CROSSING
	BARIERA/ RAILWAY GATE
	CRUCE/ CROSS
	CUTIE DIN FONTA GAZE/ GAS FONT BOX
T	CAMIN DE VIZITARE TELEFON/ PHONE MANHOLE
C	CAMIN DE VIZITARE CANAL/ SEWERAGE MANHOLE
	GURA DE AERISIRE CANALIZARE/ MOUTH VENTING SEWAGE
A	CAMIN DE VIZITARE APA/ WATER MANHOLE
Og	MARTOR GAZE/ GAS TELLTALE
	PANOU ELECTRIC/ ELECTRIC PANEL
	HIDRANT/ HYDRANT
	GEIGER/ GEIGER
○	FANTANA/ FOUNTAIN
	CISMEA/ DRINKING FOUNTAIN
	POM/ TREE
○	STALP POARTA/ GATE POLE
	OPRITOR CF/ CATCHER OF RAILWAY LINE
JIL	JOANTA IZOLATA DE LEGATURA/ INSULATING JOINT
49/65	SCHIMBARE TIP SINA DE CALE FERATA/ RAIL TYPE CHANGE
trav beton/lemn	SCHIMBARE TIP DE TRAVERSE/ SLEEPER TYPE CHANGE
CED	DULAP CENTRALIZARE ELECTRODINAMICA/ SWITCH ELECTRODINAMIC CENTRALIZATION
	TRANSFORMATOR ELECTRIC PE STALP/ POLE ELECTRICAL TRANSFORMER
	INDICATOR/ ROAD SIGN

◦78.658	PUNCT RADIAT/ RADIATED POINT
○ 67+251.00	PICHET/ STAKE
1:9 NR. 7/8 TIP49 1:9 NR 6 TIP49 1:9 NR 6 TIP49 1:9	SCHIMBATORE DE CALE/ SWITCH
○	STALP DIN LEMN/ WOOD POLE
◐	STALP DIN BETON/ CONCRETE POLE
●	STALP DIN METAL/ METAL POLE
	LAMPADAR PE ALEI/ LAMPADAR ON SIDE STRET
□	STALP INALTA TENSIUNE/ POWER-LINE TOWER
◐ SE 120	STALP ELECTRIC DIN BETON/ CONCRETE ELECTRIC POLE
▦ SE 120	STALP ELECTRIC DIN METAL/ METALLIC ELECTRIC POLE
	STALP DIFUZOR/ LOUD-SPEAKER POLE
	SUSTINERE LINIE DE CONTACT/ CONTACT WIRE
	ANCORA SUSTINERE STALP/ POLE ANCHOR
	LIMITA ZONA CFR INTABULATA/ LIMITED CFR AREA INCLUDED
	LIMITA UAT/ UAT LIMIT
	SUPRAFATA NECESARA PROIECTULUI/ NECESSARY PROJECT SURFACE
	CADSTRE VECINE/ NEIGHBORHOOD
	AX CF/ RAILWAY LINE AXE
	TALUZ SUS/ SOIL SLOPE UP
	TALUZ JOS/ SOIL SLOPE DOWN
	SANT DE SCURGERE A APELOR SUS/ DRAIN DITCH UP
	SANT DE SCURGERE A APELOR JOS/ DRAIN DITCH DOWN
	GARD DIN BETON/ CONCRETE FENCE
	GARD DIN LEMN/ WOOD FENCE
	GARD DIN METAL/ METAL FENCE
	GARD DIN PLASA/ CHAIN-LINK FENCE
✕✕✕✕✕	GARD DIN SARMA/ BARBED WIRE FENCE
	GARD VIU-LIMITA PADURE/ GREEN FENCE-FOREST LIMIT
	ZID SUS/ UP WALL
	ZID JOS/ DOWN WALL
	RIGOLA/ CREVICE
	RAU/ RIVER

CERTIFICAT DE AUTORIZARE Seria RO-B-F, Nr 1650 Maria Gina UNGUREANU

CERTIFICAT DE AUTORIZARE Seria RO-B-J Nr. 1064 S.C. VIO - TOP S.R.L.

NOTA: SISTEM DE PROIECTIE STEREOGRAFIC 1970
SISTEM DE REFERINȚĂ PENTRU COTE "0" MAREA NEAGRĂ 1975

NOTE: STEREOGRAPHIC PROJECT SYSTEM 1970
REFERENCE SYSTEM FOR QUOTES "0" BLACK SEA 1975

CENTRUL NAȚIONAL DE CARTOGRAFIE
Prezentul document este însoțit de procesul-verbal de recepție
nr. 3 data 30.03.2018
Margareta DOGARU - Coordonator Comisie recepție C.N.C.

PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ
EUROPEAN UNION FINANCED PROJECT

UNIUNEA EUROPEANĂ

GUVERNUL ROMÂNIEI
GOVERNMENT OF ROMANIA

BENEFICIAR/ BENEFICIARY: COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.
ROMANIAN RAILWAY NATIONAL COMPANY

PROIECTANT/ DESIGNER:
ASOCIEREA/ JOINT VENTURE: J40/9877/2001 & acciona J40/20534/2004
SUBCONTRACTANT/ SUBCONTRACTOR: S.C. VIOTOP SRL J/40/4967/1999

DENUMIRE PROIECT/ DENUMIRE LUCRARE: PROJECT TITLE/ WORKS TITLE:
"MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ"
Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD - GIURGIU NORD - GIURGIU FRONTIERA
"MODERNIZATION OF THE RAILWAY LINE BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER"
LOT 2 - MODERNIZATION OF RAILWAY INFRASTRUCTURE BETWEEN RAILWAY STATIONS BUCHAREST NORD-GIURGIU NORTH-GIURGIU BORDER

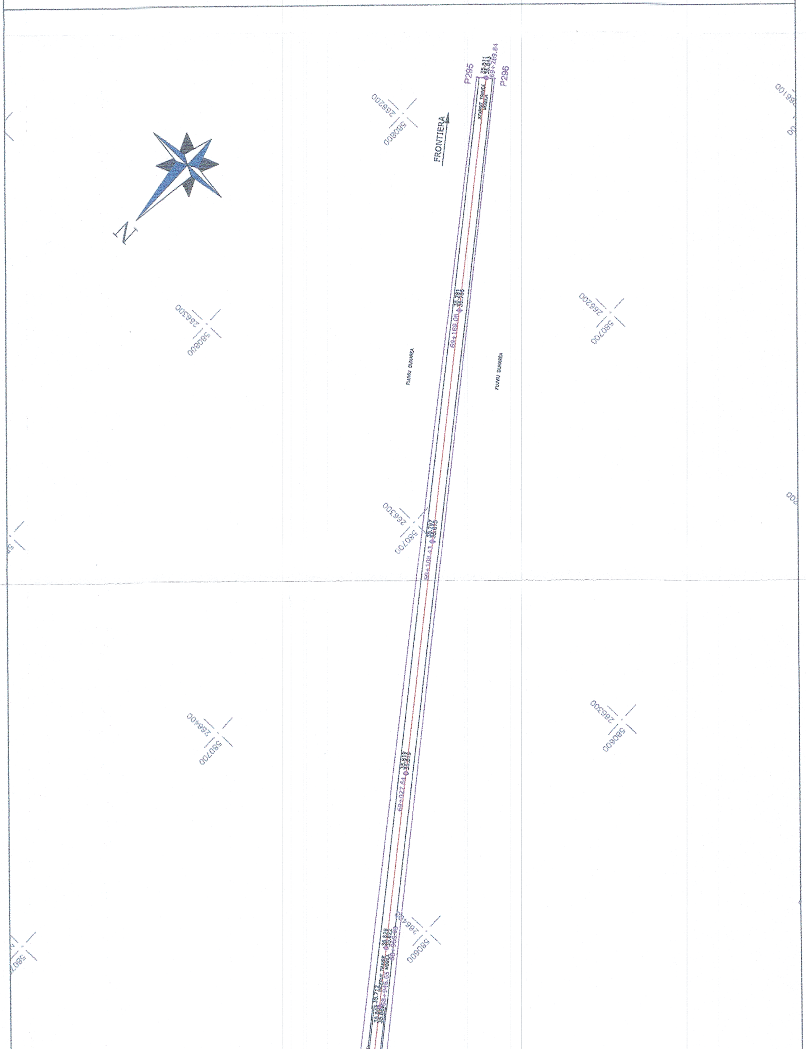
	NUME/NAME	SEMNATURA/ SIGNATURE
PROIECTANT/ DESIGNER	Ing. R. BURCEA	
EXPERT CHEIE/ KEY EXPERT	Ing. G.UNGUREANU	
MP/PM	Ing. G.UNGUREANU	

SPECIALITATE/ SPECIALITY: **STUDIU TOPOGRAFIC**
TOPOGRAPHICAL STUDY

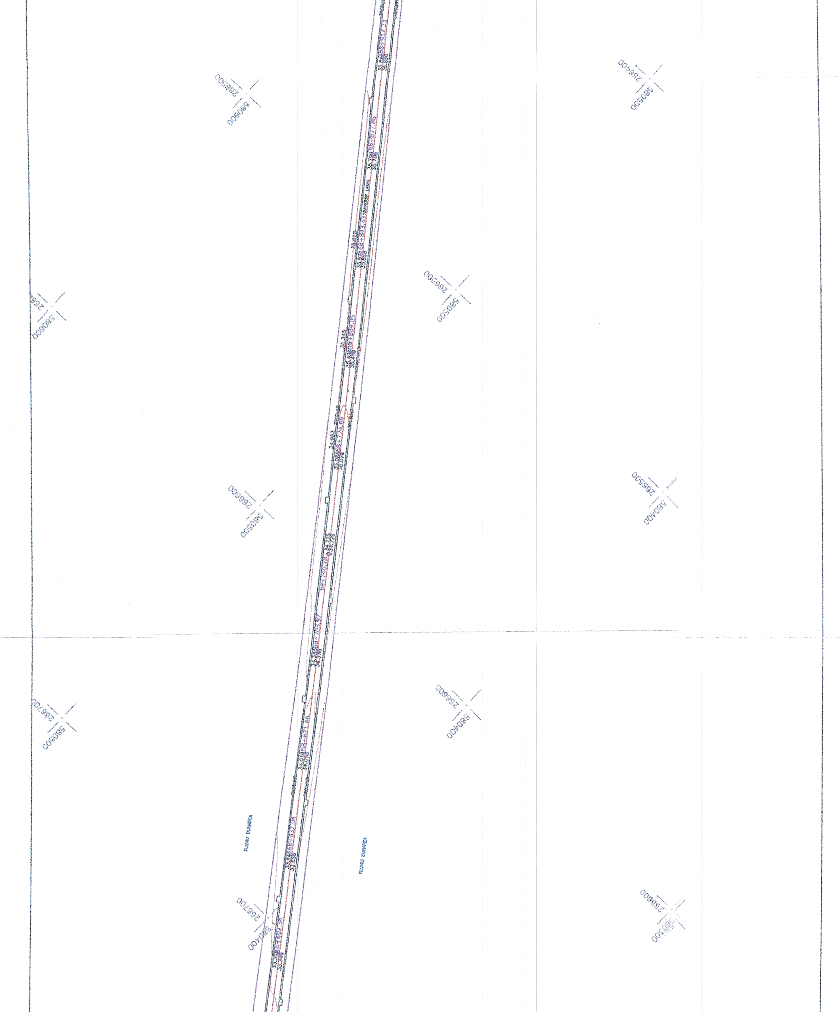
DENUMIRE PLAN/ DRAWING TITLE: **PLAN DE SITUATIE/LAYOUT PLAN**
INTERVAL CF GIURGIU NORD-GIURGIU FRONTIERA/
GIURGIU NORD-GIURGIU FRONTIERA SECTION

DATA/DATE: 01.2018
SCARA/SCALE: 1:1000
EXEMPLAR NR./ EXEMPLARY NO. 1
COD PLAN/CODIFICATION SYSTEM:

ST	207	Lot 2	35	ST	54	00



P295
P296
69+269.84
35.811
35.813
FRONTIERA
N
266200
580800
266300
580800
266200
580700
FLUVIU DUNAREA
FLUVIU DUNAREA
69+189.06
35.781
35.780
266300
580700
69+108.43
35.797
35.815
266400
580700
266300
580600
69+027.64
35.819
266400
580600
35.828
35.822
68+946.65
35.712


FLUVIU DUNAREA
FLUVIU DUNAREA
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580600
266400
580500
266500
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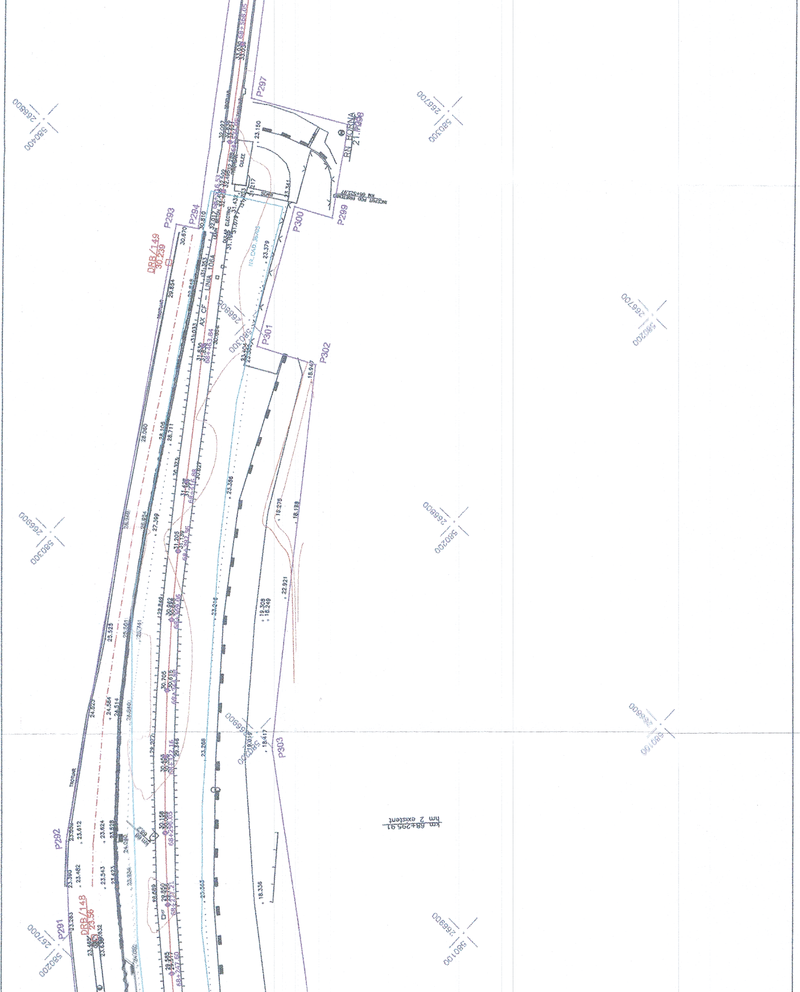
580400
266800
580300



P291
P292
P293
P294
P297
P298
P299
P300
P301
P302
P303
DRB/149
30.239
DRB/148
23.56
RN BORNA
21.1
AX CF – LINIA 1064
TROTUAR
CULEE
SCARI
STALP ELECTRIC
NR. CAD. 36703
INCEPUT POD EXISTENT
km 68+295.91
hm 2 existent
68+363.84
68+316.88
68+297.36
68+296.05
68+247.50
266800
580400
267000
580200
266700
580300
266900
266800
580200
266700
580200
266600
580100
266500
580100
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16.275
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22.921
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18.249
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18.336
23.386
23.218
23.268
23.363
30.670
30.810
29.854
28.080
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24.523
24.584
24.514
23.612
23.624
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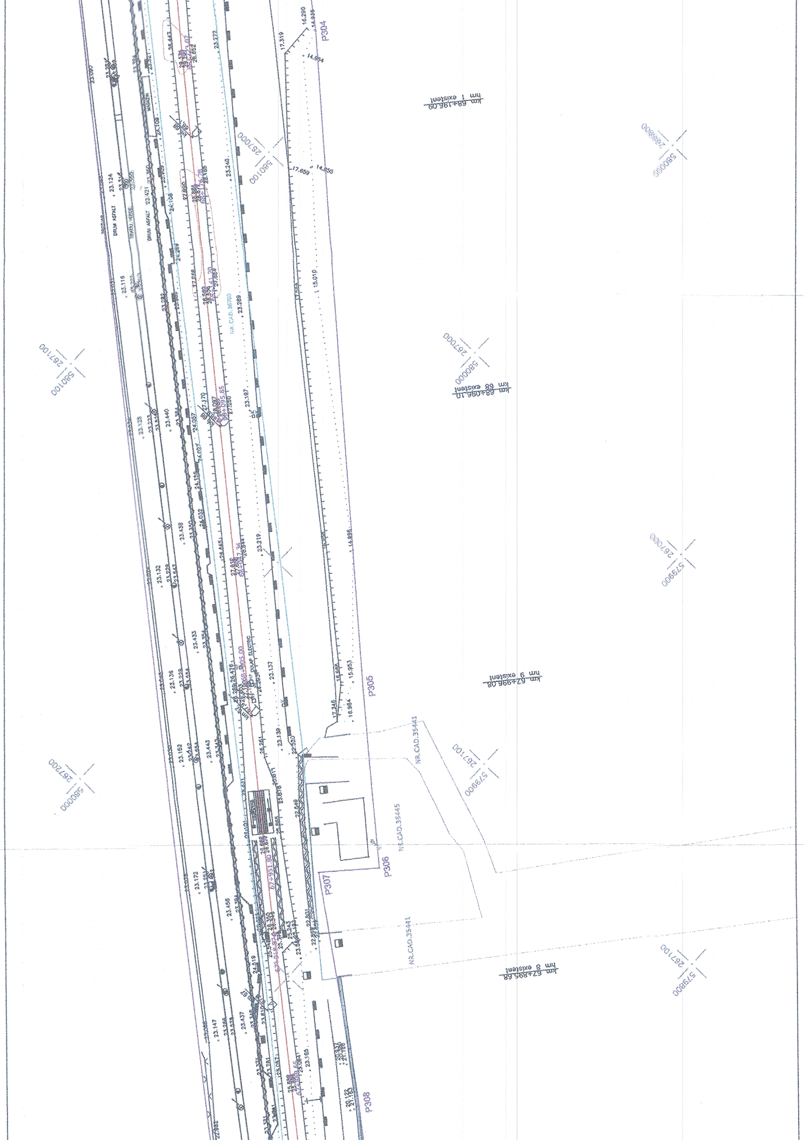
23.482
23.543
23.427
23.263


P304
P305
P306
P307
P308
km 68+196.08
hm 1 existent
km 68+096.10
km 68 existent
km 67+996.08
hm 9 existent
km 67+895.68
hm 8 existent
NR.CAD.36709
NR.CAD.35441
NR.CAD.35445
NR.CAD.35441
580100
267000
580000
266900
580000
267000
579900
267000
580100
267100
580000
267200
579900
267100
579800
267100
DRUM ASFALT
SPATIU VERDE
DRUM ASFALT
MAGAZIN
STALP ELECTRIC
17.319
16.290
14.935
14.954
17.659
14.855
15.010
14.988
17.346
16.984
15.953
15.986
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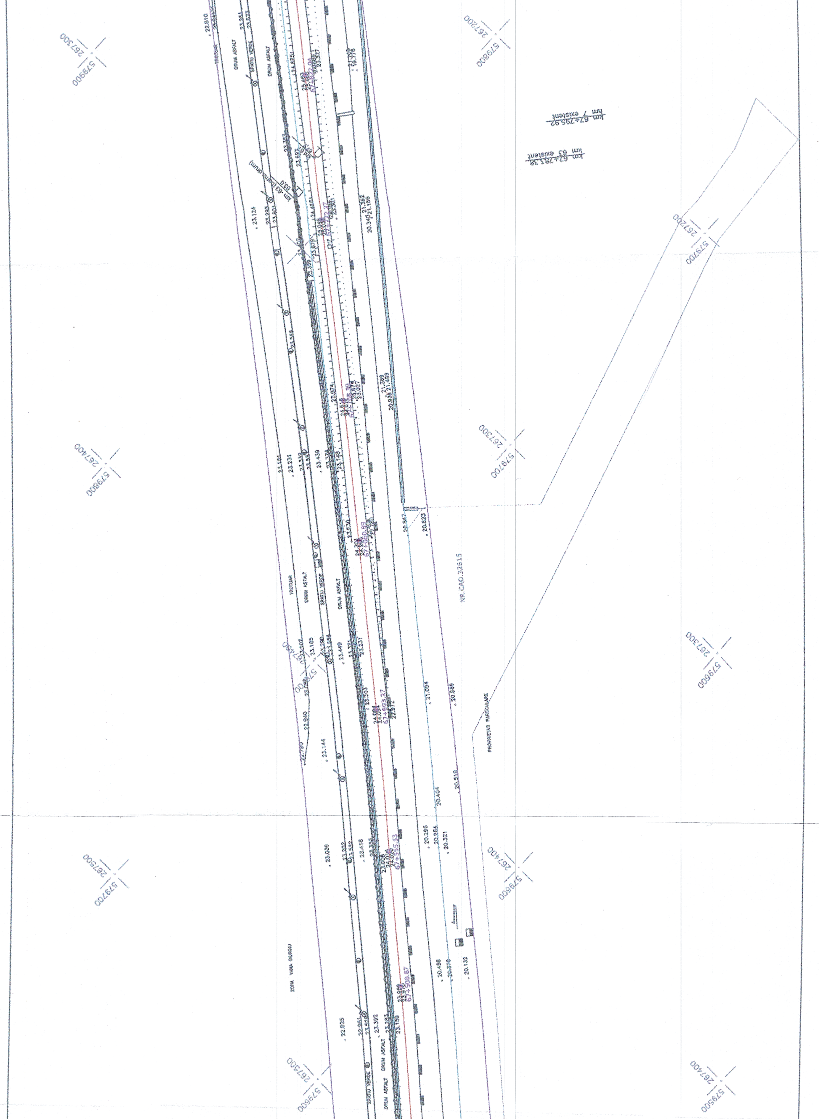
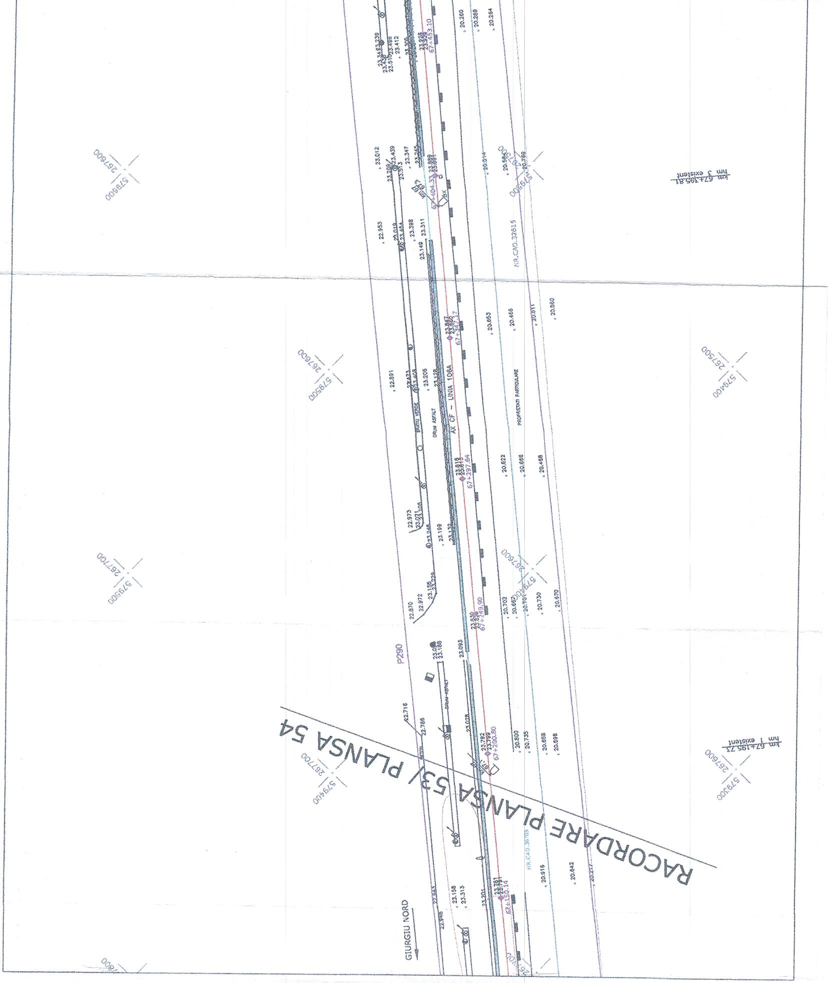

km 67+795.92 existent
km 63 existent
km 67+781.18
km 63 (capat drum)
NR.CAD 33615
PROPRIETATE PARTICULARA
ZONA VAMA GIURGIU
TROTUAR
DRUM ASFALT
SPATIU VERDE
DRUM ASFALT
67+603.27
67+555.53
67+508.67
579800
267300
579700
267200
579600
267400
579700
267500
579600
267500


RACORDARE PLANSA 53 / PLANSA 54
GIURGIU NORD
P290
AX CF - LINIA 108A
DRUM ASFALT
SPATIU VERDE
BETON
PROPRIETATI PARTICULARE
NR.CAD.32615
NR.CAD.30703
km 674+195.81
hm 3 existent
km 674+195.73
hm 1 existent
67+453.10
67+404.33
67+347.17
67+297.64
67+249.90
67+200.80
674150.14
579600
267600
579500
267500
267700
579400
579300
267600