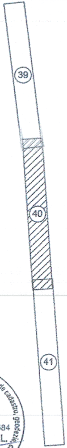
LEGENDA/LEGEND

□ 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
Ⓣ	CAMIN DE VIZITARE TELEFON/ PHONE MANHOLE
©	CAMIN DE VIZITARE CANAL/ SEWERAGE MANHOLE
	GURA DE AERISIRE CANALIZARE/ MOUTH VENTING SEWAGE
Ⓐ	CAMIN DE VIZITARE APA/ WATER MANHOLE
○g	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
NR 7/8 TIP49 1:9 1:9 NR 8 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-J Nr. 0684
S.C. VIO - TOP S.R.L.

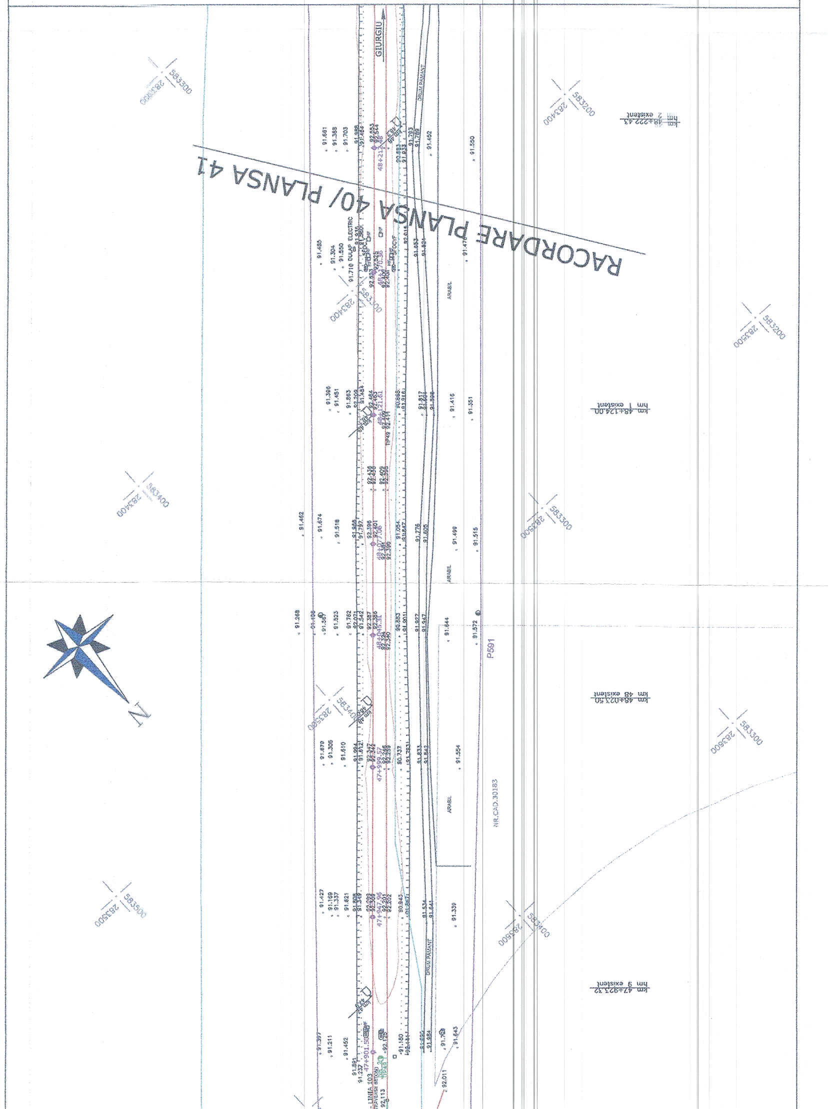
CERTIFICAT DE AUTORIZARE
Seria RO-B-F, Nr. 1650
Maria Gina UNGUREANU

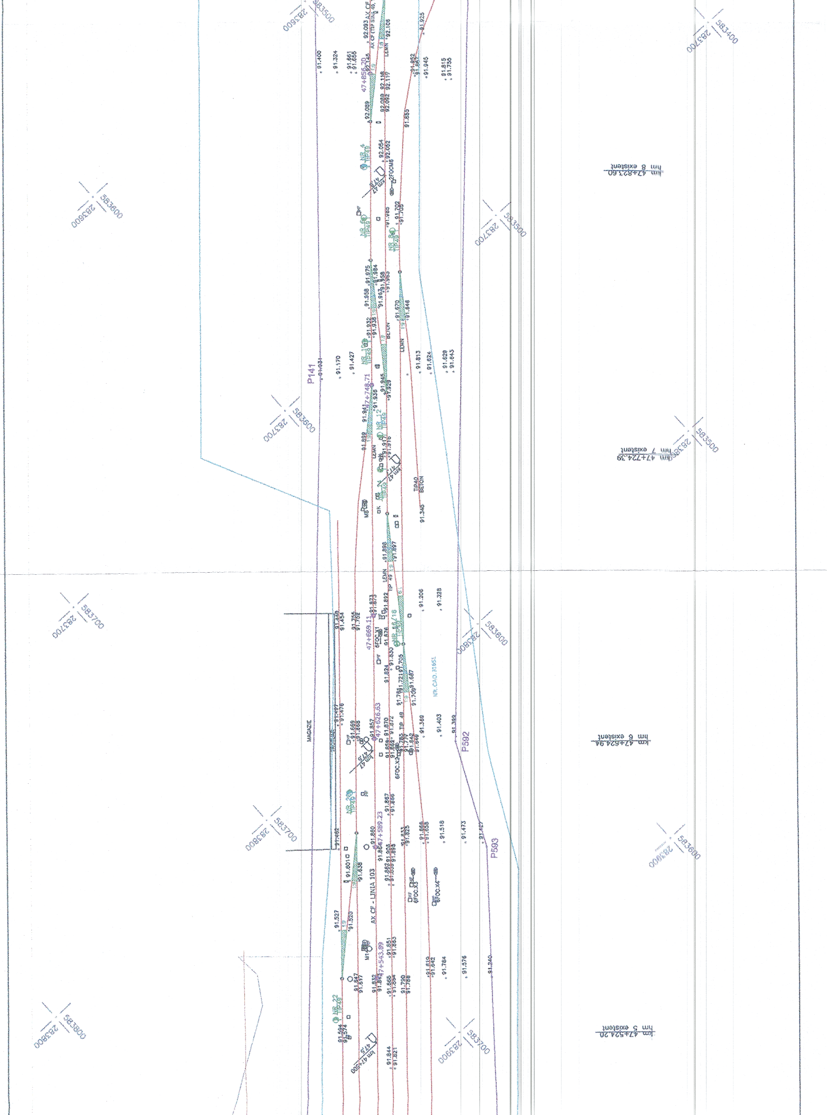
NOTĂ: SISTEM DE PROIECTIE STEREOGRAFIC 1970
SISTEM DE REFERINȚĂ PENTRU COTE "0" MAREA NEAGRĂ 1975

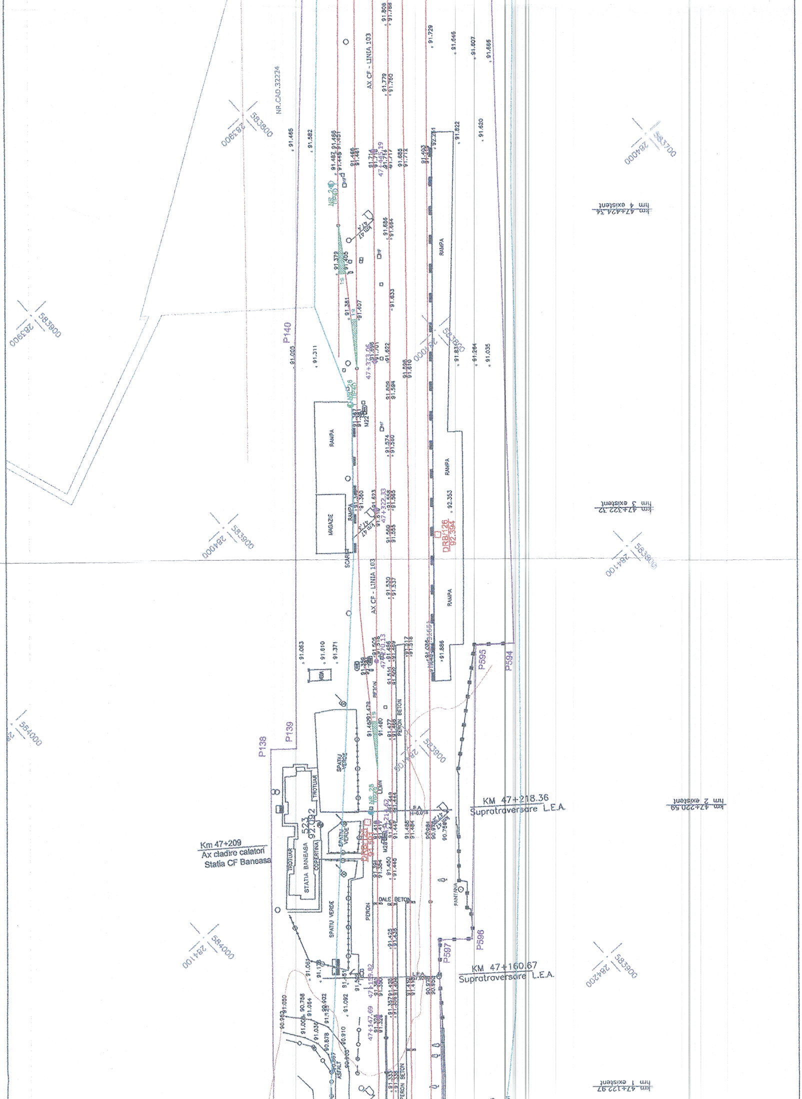
NOTE: STEREOGRAPHIC PROJECT SYSTEM 1970
REFERENCE SYSTEM FOR QUOTES "0" BLACK SEA 1975

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

UNIUNEA EUROPEANĂ	PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ EUROPEAN UNION FINANCED PROJECT		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: SUBCONTRACTANT/ SUBCONTRACTOR:	B & acciona ingeniería J40/9877/2001 J40/20534/2004 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	SPECIALITATE/ SPECIALITY	STUDIU TOPOGRAFIC TOPOGRAPHICAL STUDY
PROIECTANT/ DESIGNER	Ing. R. BURCEA			
EXPERT CHEIE/ KEY EXPERT	Ing. G.UNGUREANU		DENUMIRE PLAN/ DRAWING TITLE	PLAN DE SITUATIE/LAYOUT PLAN STATIA CF BANEASA GIURGIU/ BANEASA GIURGIU RAILWEY STATION
MP/PM	Ing. G.UNGUREANU			
DATA/DATE: 01.2018		SCARA/SCALE: 1:1000	EXEMPLAR NR./ EXEMPLARY NO. 1	COD PLAN/CODIFICATION SYSTEM: ST | 207 | Lot 2 | 24 | ST | 40 | 00


RACORDARE PLANSA 40/ PLANSA 41
GIURGIU
DRUM PAMANT
ARABIL
ARABIL
ARABIL
DRUM PAMANT
DULAP ELECTRIC
P591
NR.CAD.30183
km 48+222.43 hm 2 existent
km 48+124.00 hm 1 existent
km 48+023.50 hm 48 existent
km 47+923.32 hm 9 existent
48+213.48
48+121.61
48+077.06
48+045.31
47+999.57
47+947.96
47+901.50
LINIA 103
283300 583300
283400 583200
283400 583300
283500 583200
283400 583400
283500 583300
283500 583400
283600 583300
283500 583500
283500 583400
N


AX CF - LINIA 103
MAGAZIE
P141
P592
P593
NR.CAD.31651
km 47+524.20
hm 5 existent
km 47+624.94
hm 6 existent
km 47+724.39
hm 7 existent
km 47+823.60
hm 8 existent
47+543.89
47+589.23
47+626.63
47+669.11
47+748.71
47+856.20
LEMN
BETON
TIP 49
283600
583500
283700
583600
283800
583700
583400


NR.CAD.32224
AX CF - LINIA 103
RAMPA
MAGAZIE
SCARI
SPATIU VERDE
TROTUAR
STATIA BANEASA
COPERTINA
PERON
PERON BETON
DALE BETON
BETON
ASFALT
FANTANA
P140
P139
P138
P595
P594
P596
P597
NS 24D
NS 26
NS 28
47+373.16
47+322.33
47+270.13
47+218.62
47+159.62
47+147.69
DRB/126
92.394
523
92.032
Km 47+209
Ax cladire calatori
Statia CF Baneasa
KM 47+218.36
Supratraversare L.E.A.
KM 47+160.67
Supratraversare L.E.A.
km 47+424.34
hm 4 existent
km 47+322.32
hm 3 existent
km 47+220.59
hm 2 existent
km 47+122.97
hm 1 existent
283900
583800
283900
583900
284000
583700
284000
583800
284000
583900
284100
583800
284000
584000
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584000
284200
583900
91.465
91.582
91.005
91.311
91.822
91.620
91.833
91.264
91.035
91.729
91.646
91.607
91.665
91.806
91.788
91.779
91.750
92.353
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91.063
91.610
91.371
91.633
91.622
91.685
91.684
91.574
91.560
91.539
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91.054
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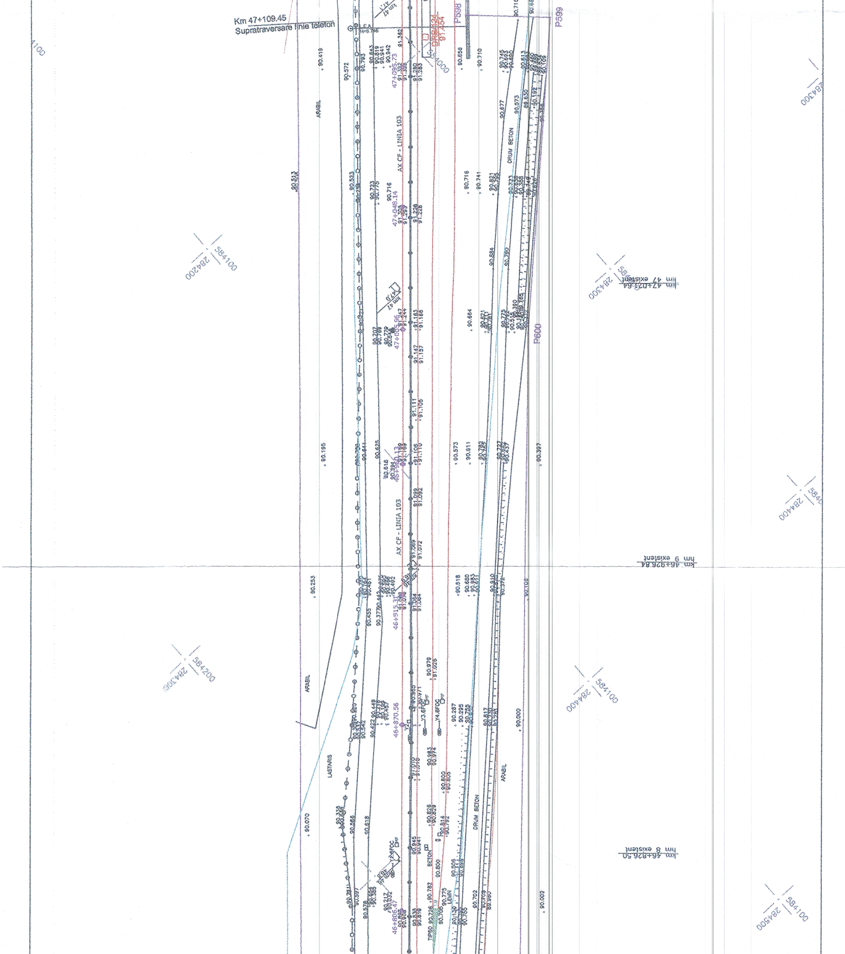
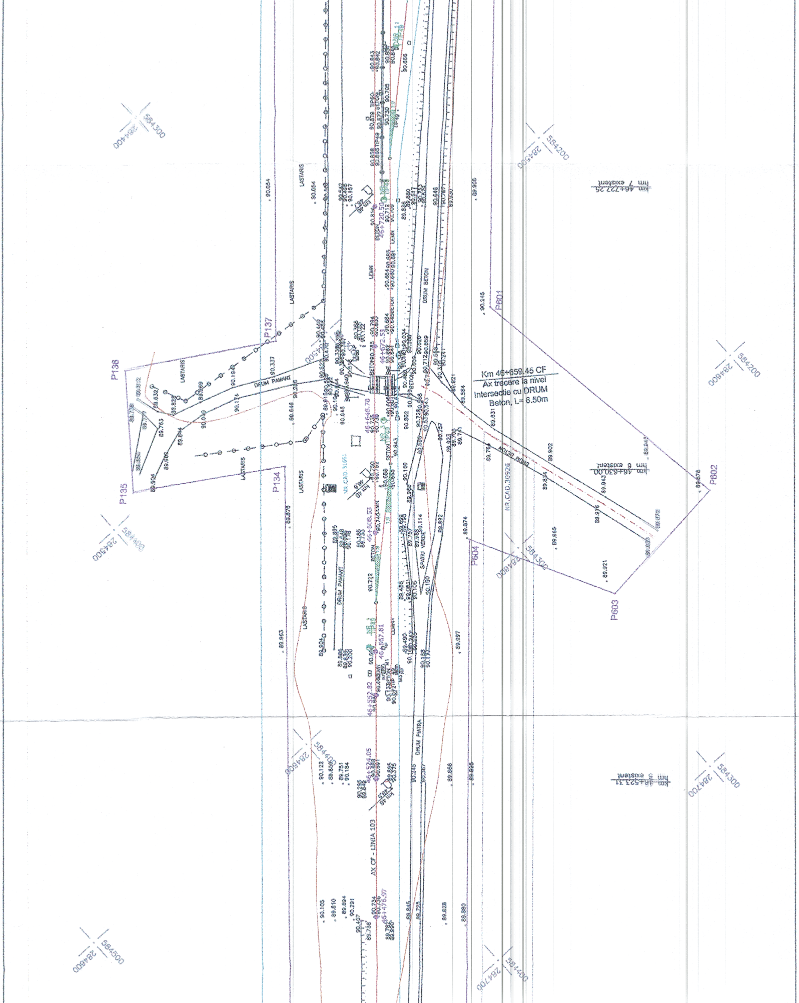
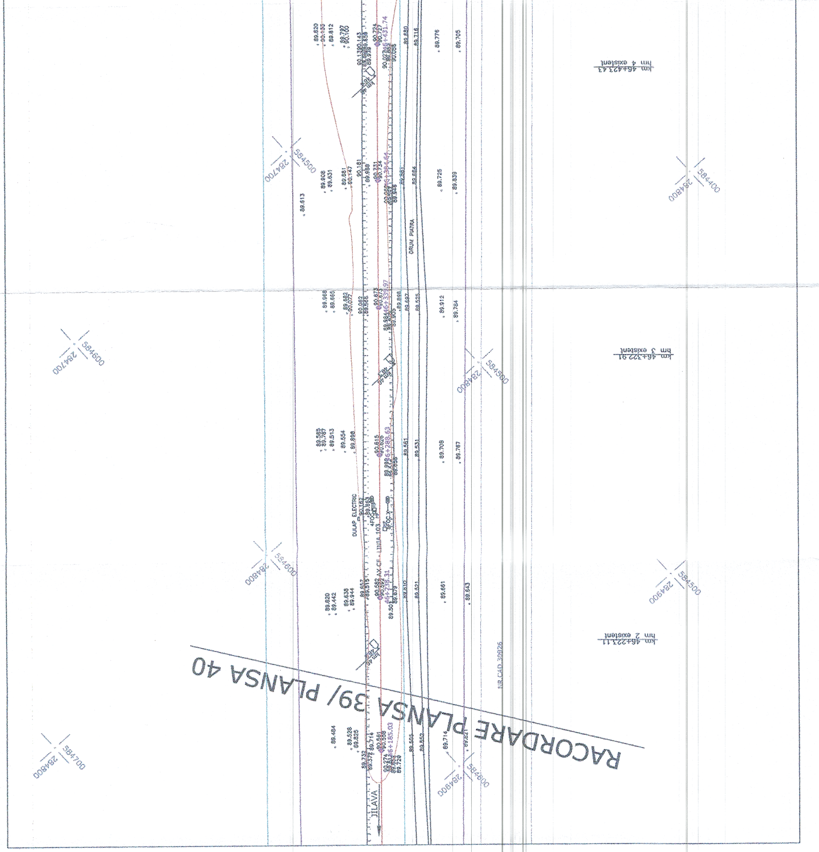
90.878


Km 47+109.45
Supratraversare linie telefon
P598
P599
P600
DRB424
91.054
ARABIL
AX CF - LINIA 103
DRUM BETON
km 47
47+095.73
47+048.14
47+005.96
46+915.31
46+870.56
46+805.47
km 47 existent
km 47+021.64
hm 9 existent
km 46+926.84
hm 8 existent
km 46+826.50
LASTARIS
BETON
LEMN
284200
584100
284300
584200
284400
284500
584000


Km 46+659.45 CF
Ax trecere la nivel
Intersectie cu DRUM
Beton, L= 6.50m
AX CF - LINIA 103
hm 7 existent
km 46+727.25
hm 6 existent
km 46+630.00
hm 5 existent
km 46+523.11
46+720.50
46+672.51
46+648.78
46+608.53
46+567.81
46+552.82
46+524.05
46+476.97
P134
P135
P136
P137
P601
P602
P603
P604
NR.CAD 31651
NR.CAD 30926
DRUM PAMANT
DRUM BETON
DRUM PIATRA
LASTARIS
SPATIU VERDE
BETON
LEMN
TIPSO
284400
584300
284500
584200
284600
584400
284700


RACORDARE PLANSA 39/ PLANSA 40
km 46+423.43
hm 4 existent
km 46+322.91
hm 3 existent
km 46+221.11
hm 2 existent
DRUM PIATRA
JILAVA
DULAP ELECTRIC
LINIA 103
AX CF
NR.CAD.30926
584500
284700
584400
284600
584600
284800
584300
284900
584700