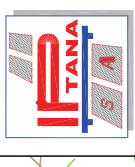


BENEFICIAR



COMPANIA NATIONALA DE AUTOSTRAZI
SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT



IPTANA S.A.

PROIECTANT DE SPECIALITATE
SISTEME DE COMUNICATII



S.C. PROTTELCO S.A.
CAMPINA

INVESTITIA

AUTOSTRADA
DITRAU-TARGU NEAMT
Km 0+000 - Km 118+100

CONTRACT Nr. 92 / 58623 / 4275

FAZA DE PROIECTARE
Studiu de Fezabilitate
Sisteme de comunicatii
si infrastructura aferenta

Proiectat ing. I. Serban	Desenat ing. M. Schiopu
Verificat ing. C-tin Patrascu	Ser Proiect ing. V. OSMAN

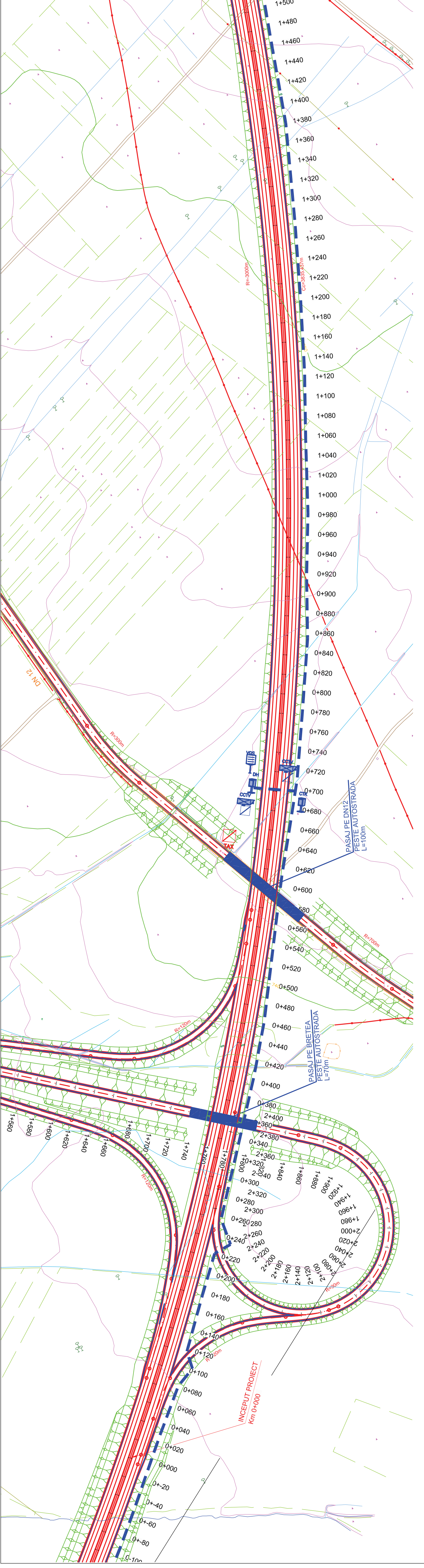
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Data: DECEMBRIE 2010

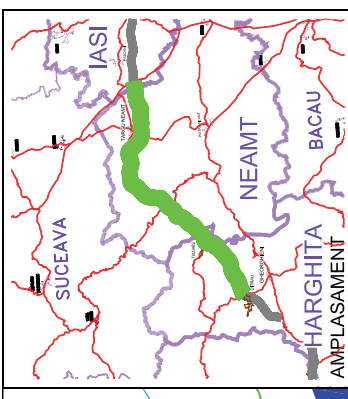
Plan de situatie
Sisteme de comunicatii

Cod: IPT-SF-COMP-FS-01 Rev. 0



LEGENDA

INFRASTRUCTURA COMUNICATIILOR	DETECTOARE
CAMERE VIDEO	STATII METEO
SISTEM S.O.S.	SISTEME SCADA
SISTEM S.O.S. TUNEL	SISTEM TAXARE
PANOURI MESAJE VARIABLE	DETECTIE INCIDENTE

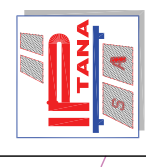


BENEFICIAR



COMPANIA NATIONALA DE AUTOSTRAZI
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CONTRACT Nr. 92 / 58623 / 4275

FAZA DE PROIECTARE
Studiu de Fezabilitate
Sisteme de comunicatii
si infrastructura aferenta

Proiectat ing. I. Serban <i>I. Serban</i>	Desenat ing. M. Schiopu <i>M. Schiopu</i>
Verificat ing. C-tin Patrascu <i>C-tin Patrascu</i>	Sei Proiect ing. V. OSMAN <i>V. OSMAN</i>

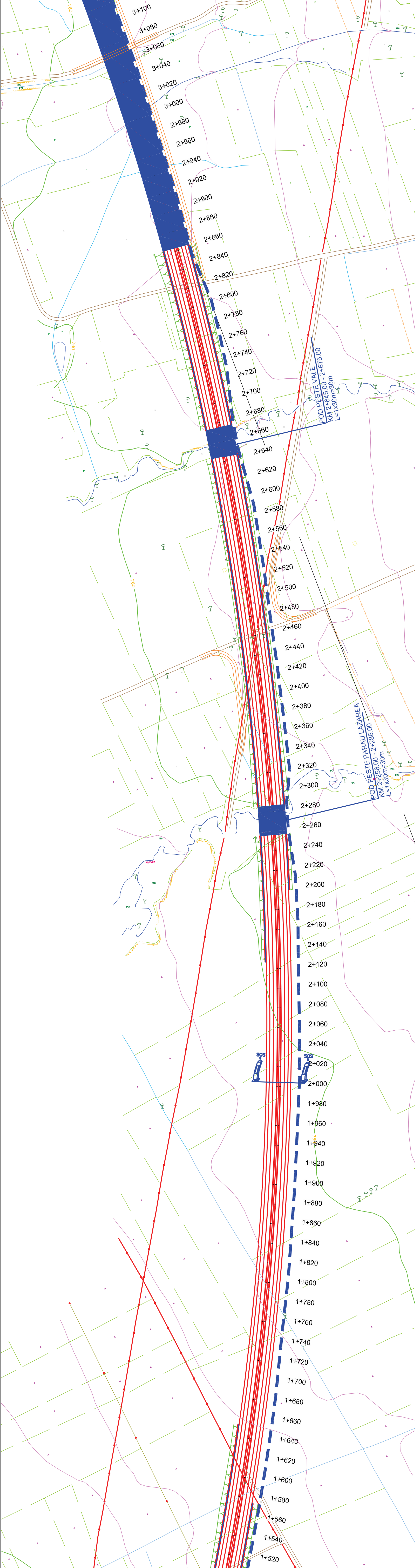
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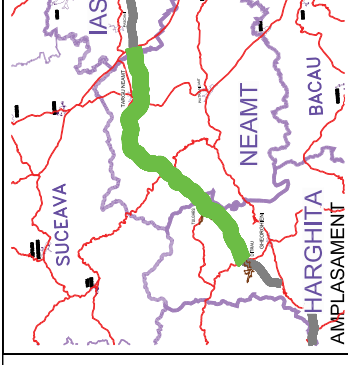
Plan de situatie
Sisteme de comunicatii

Cod: IPT-SF-COM-FS-02 Rev. 0



LEGENDA

	INFRASTRUCTURA COMUNICATII		DETECTOARE
	CAMERE VIDEO		STATII METEO
	SISTEM S.O.S.		SISTEME SCADA
	SISTEM S.O.S. TUNEL		SISTEM TAXARE
	PANOURI MESAJE VARIABLE		DETECTIE INCIDENTE

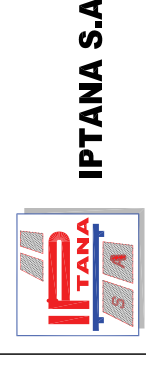


BENEFICIAR



COMPANIA NATIONALA DE AUTOSTRAZI
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PROIECTANT



IPTANA S.A.

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FAZA DE PROIECTARE

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Sisteme de comunicatii
si infrastructura aferenta

Proiectat ing. I. Serban	Desenat ing. M. Schiopu
Verificat ing. C-tin Patrascu	Ser Proiect ing. V. OSMAN

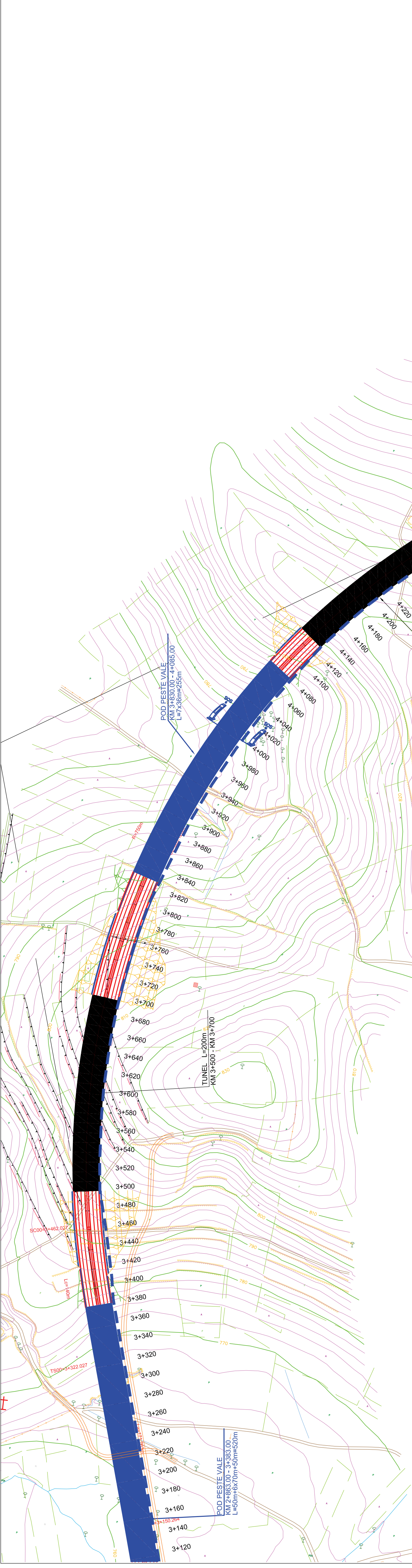
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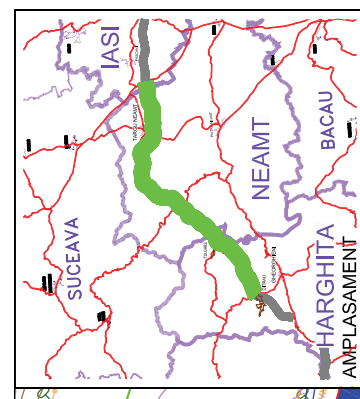
Plan de situatie
Sisteme de comunicatii

Cod: IPT-SF-COM-PS-03 Rev. 0



LEGENDA

INFRASTRUCTURA COMUNICATII	DETECTOARE
CAMERE VIDEO	STATII METEO
SISTEM S.O.S.	SISTEME SCADA
SISTEM S.O.S. TUNEL	SISTEM TAXARE
PANOURI MESAJE VARIABLE	DETECTIE INCIDENTE



BENEFICIAR



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FAZA DE PROIECTARE
Studiu de Fezabilitate
Sisteme de comunicatii
si infrastructura aferenta

Proiectat
ing. I. Serban

Desenat
ing. M. Schiopu

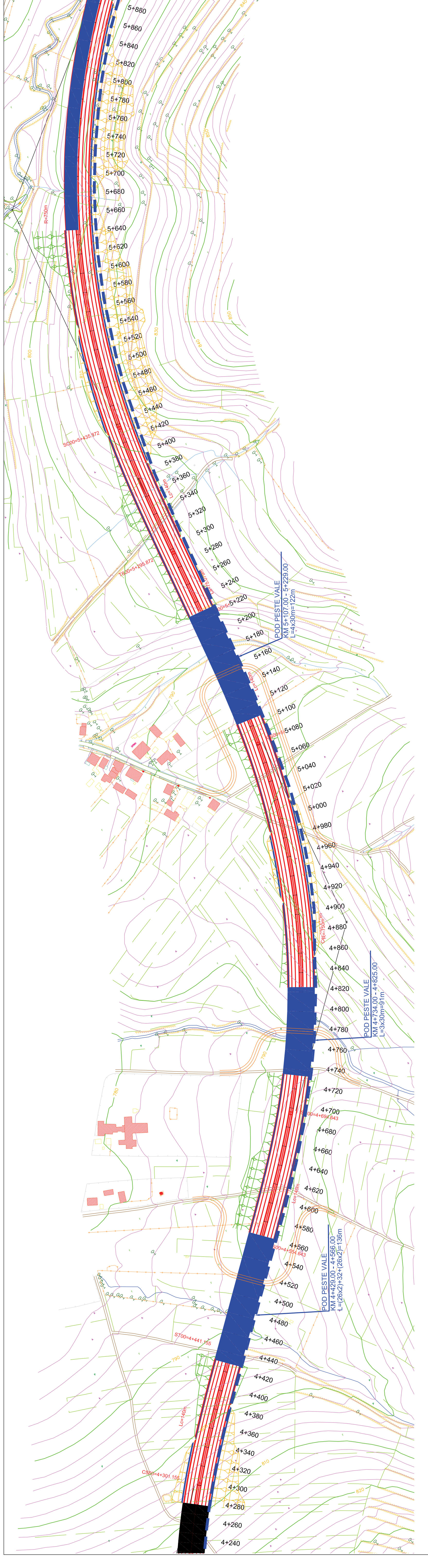
Verificat
ing. C-tin Patrascu

Sei Proiect
ing. V. OSMAN

LUCRARI DE DRUMURI

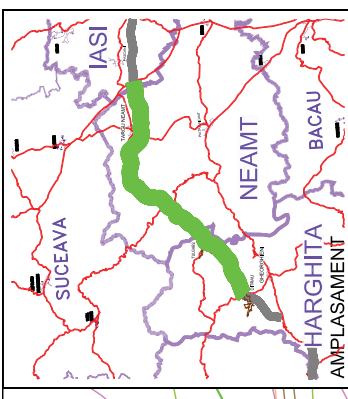
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Plan de situatie
Sisteme de comunicatii



LEGENDA

	INFRASTRUCTURA COMUNICATII		DETECTOARE
	CAMERE VIDEO		STATII METEO
	SISTEM S.O.S.		SISTEME SCADA
	SISTEM S.O.S. TUNEL		SISTEM TAXARE
	PANOURI MESAJE VARIABLE		DETECTIE INCIDENTE

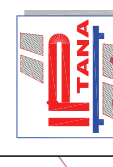


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COMPANIA NATIONALA DE AUTOSTRAZI
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FAZA DE PROIECTARE

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Verificat
ing. C-tin Patrascu

Ser Proiect
ing. V. OSMAN

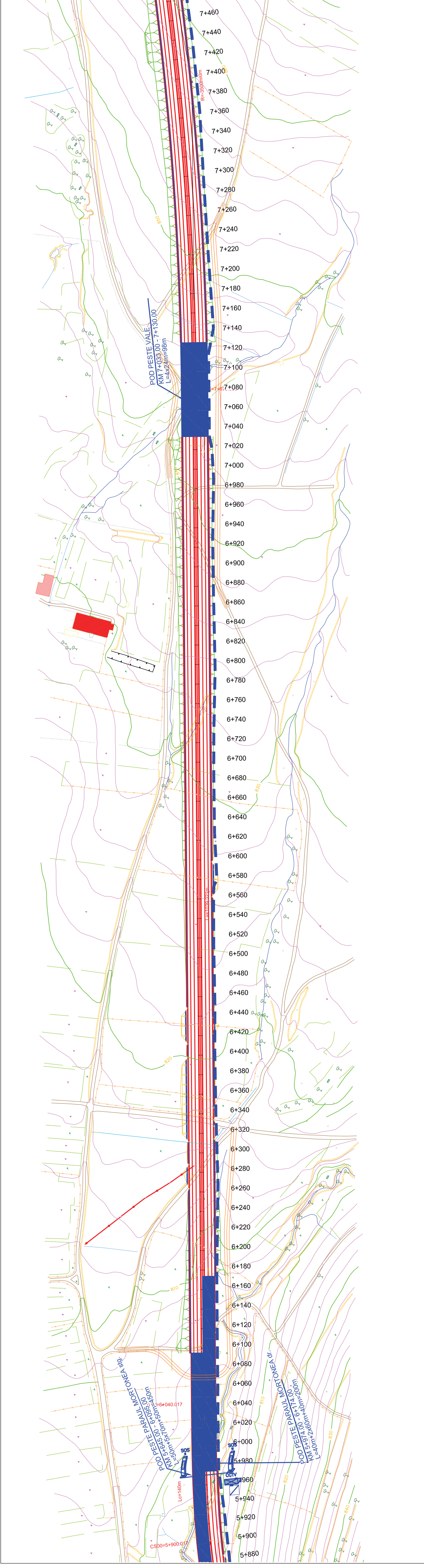
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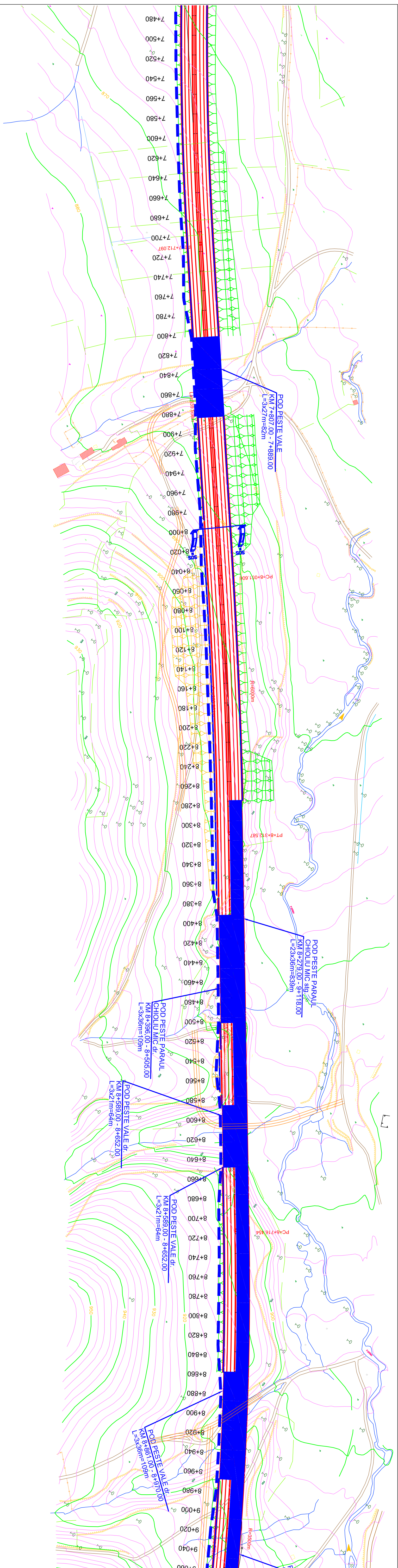
Plan de situatie
Sisteme de comunicatii

Cod: IPT-SF-COMP-FS-05 Rev. 0

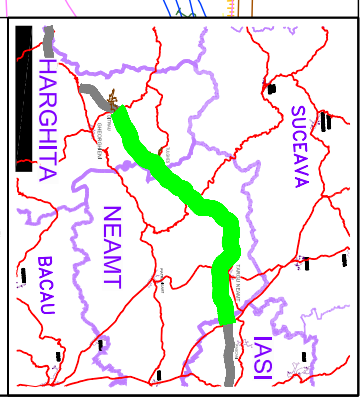


LEGENDA

- INFRASTRUCTURA COMUNICATII
- CAMERE VIDEO
- SISTEM S.O.S.
- SISTEM S.O.S. TUNEL
- PANOURI MESAJE VARIABLE
- DETECTOARE
- STATII METEO
- SISTEME SCADA
- SISTEM TAXARE
- DETECTIE INCIDENTE



LEGENDA	
	INFRASTRUCTURA COMUNICATIIL
	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABLE
	DETECTOARE
	STATII METEO
	SISTEME SCADA
	SISTEM TAXARE
	DETECTIE INCIDENTE



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COMPANIA NATIONALA DE AUTOSTRAZI
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PROIECTANT

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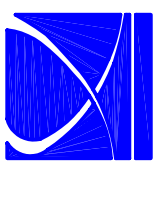
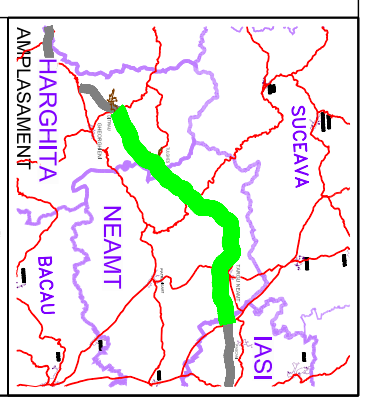
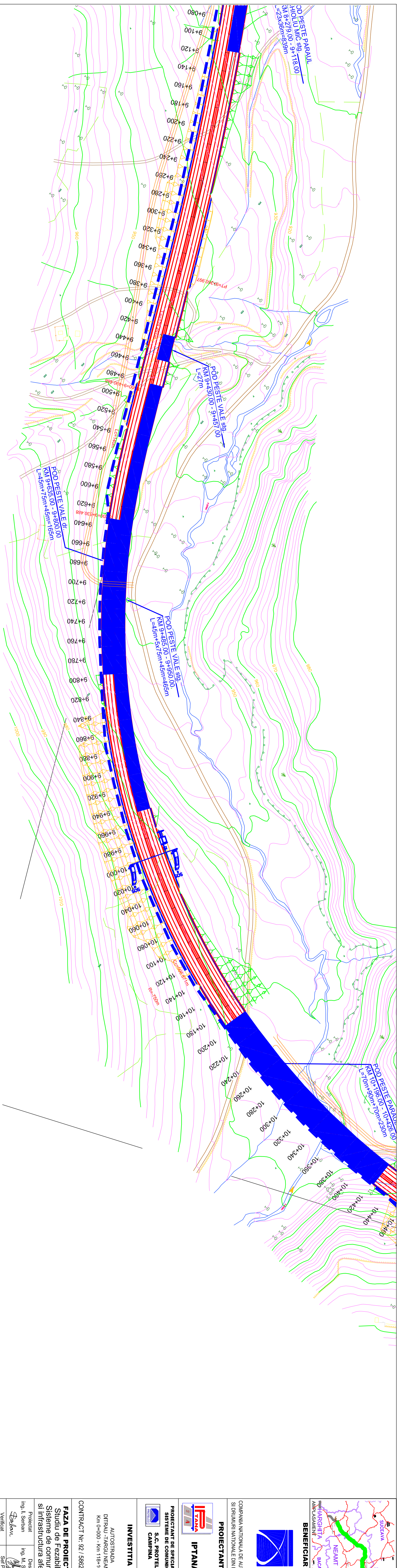
FAZA DE PROIECTARE
Studiu de Fezabilitate
Sisteme de comunicatii
si infrastructura aferenta

Proiectant: Ing. I. Serban
Desenat: Ing. M. Schiopu
Verificat: Ing. C. Iin Palrascu
Ser. Proiect: Ing. V. OSIMAN

LUCRARI DE DRUMURI

Scara: 1:2.000
Data: DECEMBRE 2010

Plan de situatie
Sisteme de comunicatii



BENEFICIAR
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PROIECTANT
IPTANA S.A.
 PROIECTANT DE SPECIALITATE
 SISTEME DE COMUNICATII
 S.C. PROTELCO S.A.
 CAMPINA

INVESTITIA
 AUTOSTRADA
 DITRAU -TARGU NEAMT
 Km 0+000 - Km 118+100

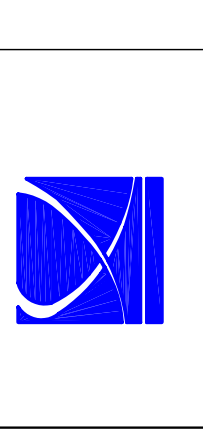
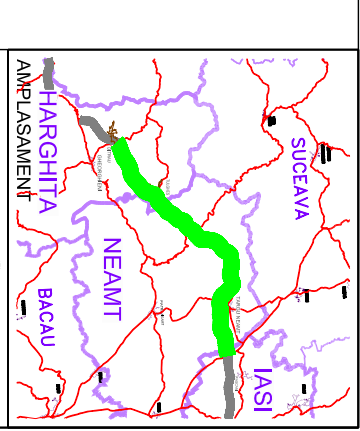
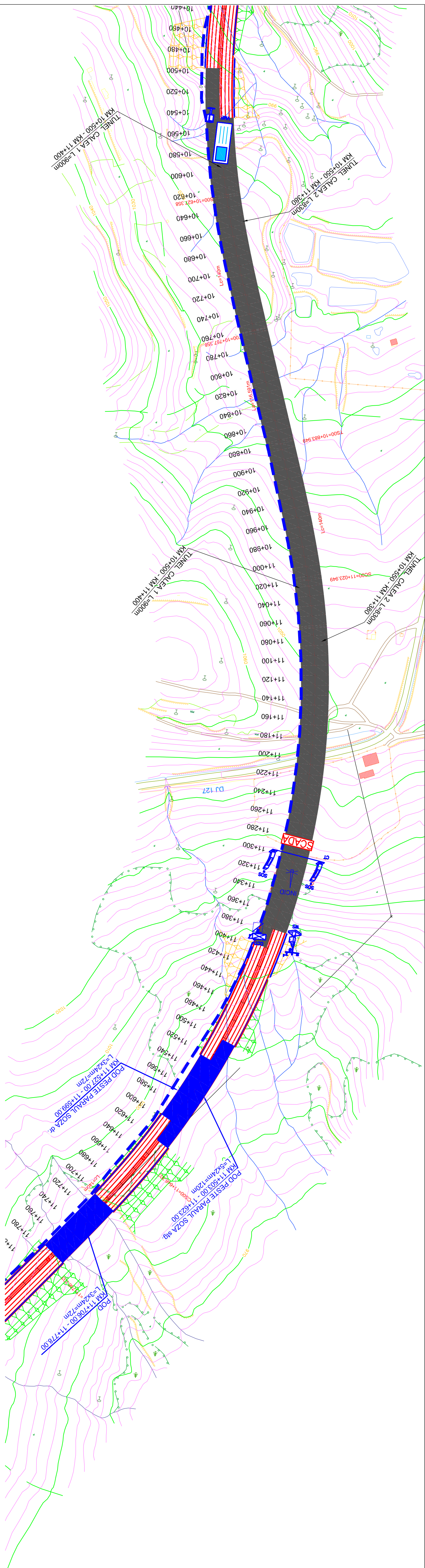
CONTRACT Nr. 92 / 58623 / 4275
FAZA DE PROIECTARE
 Studiu de Fezabilitate
 Sisteme de comunicatii
 si infrastructura aferenta

Proiectant Ing. I. Serban	Desenat Ing. M. Schiopu
Verificat Ing. C. Iin Palrasca	Ser. Proiect Ing. V. OSIMAN

LUCRARI DE DRUMURI
 Scara: 1:22.000
 Data: DECEMBRIE 2010

Plan de situatie
 Sisteme de comunicatii

LEGENDA	
	INFRASTRUCTURA COMUNICATIIL
	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABLE
	DETECTOARE
	STATII METEO
	SISTEME SCADA
	SISTEM TAXARE
	DETECTIE INCIDENTE



PROIECTANT
 S.C. PROTTELCO S.A.

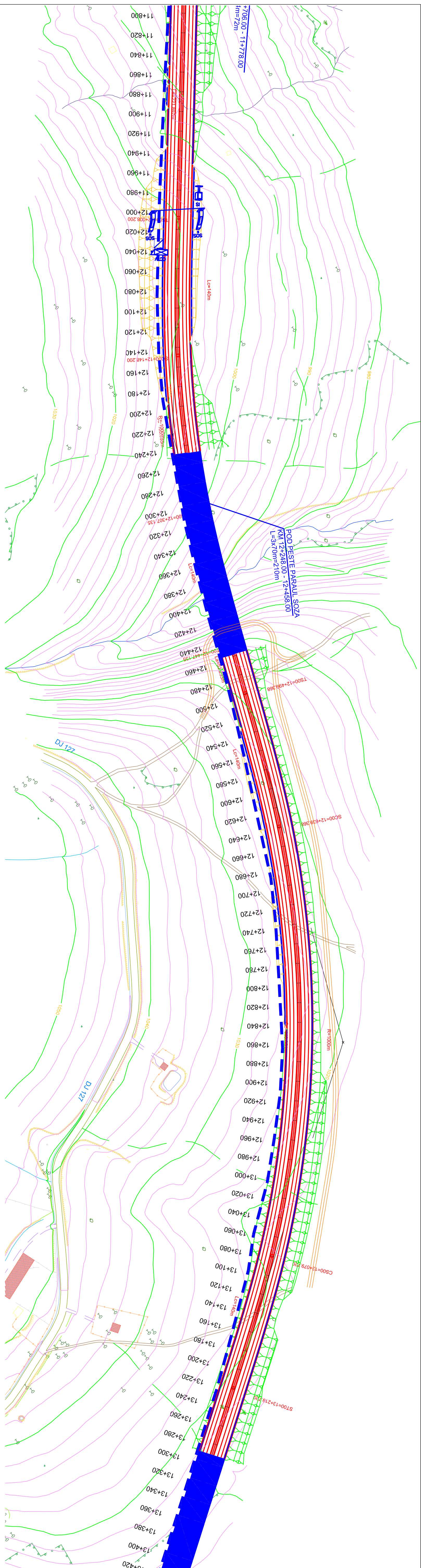
INVESTITIA
 AUTOSTRADA
 DITRAU - TARGU NEAMT
 Km 0+000 - Km 118+100

FAZA DE PROIECTARE
 Studiu de Fezabilitate
 Sisteme de comunicatii
 si infrastructura aferenta

Proiectant: *Ing. I. Serban*
 Desenat: *Ing. M. Schiopu*
 Verificat: *Ing. C. Iin Palrasca*
 Ser. Proiect: *Ing. V. OSIMAN*

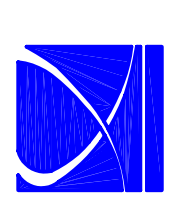
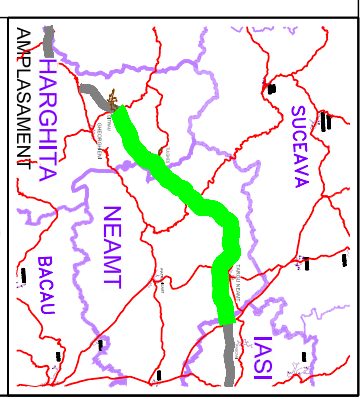
LUCRARI DE DRUMURI
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 Data: DECEMBRIE 2010

Plan de situatie
 Sisteme de comunicatii



LEGENDA

	INFRASTRUCTURA COMUNICATIIL		DETECTOARE
	CAMERE VIDEO		STATII METEO
	SISTEM S.O.S.		SISTEME SCADA
	SISTEM S.O.S. TUNEL		SISTEM TAXARE
	PANOURI MESAJE VARIABLE		DETECTIE INCIDENTE



COMPANIA NATIONALA DE AUTOSTRAZI SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT

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CAMPINA

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DITRAU - TARGU NEAMT
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CONTRACT NR. 92 / 58623 / 4275

FAZA DE PROIECTARE

Studiu de Fezabilitate
Sisteme de comunicatii
si infrastructura aferenta

Proiectant Ing. I. Serban	Desenat Ing. M. Schicpu
Verificat Ing. C. Iin Palrasca	Ser. Proiect Ing. V. OSMAN

LUCRARI DE DRUMURI

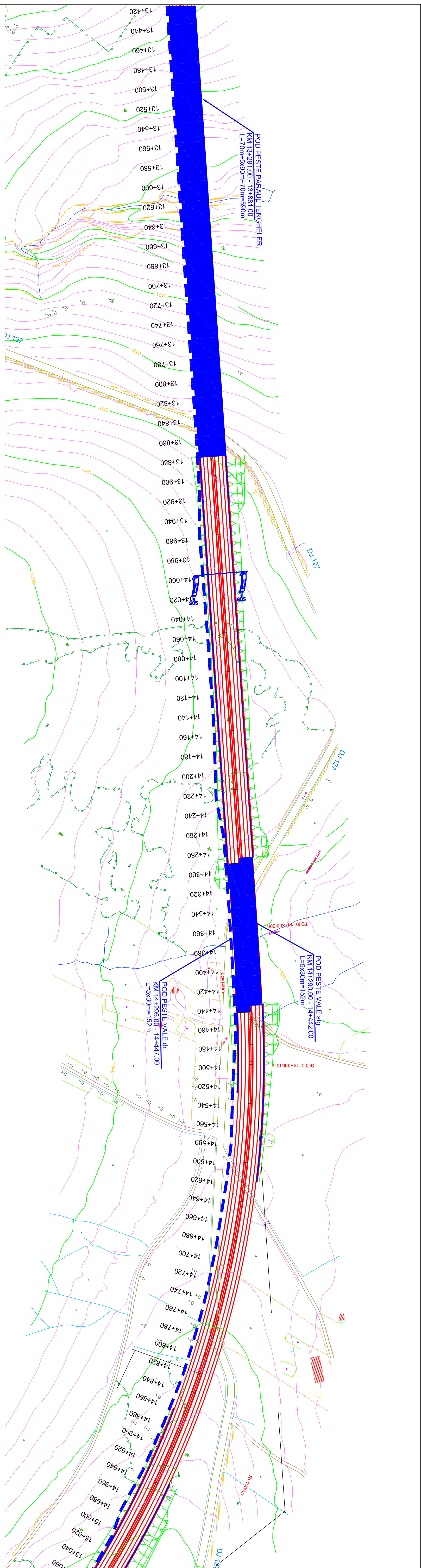
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Data: DECEMBRIE 2010

Plan de situatie
Sisteme de comunicatii

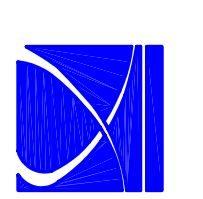
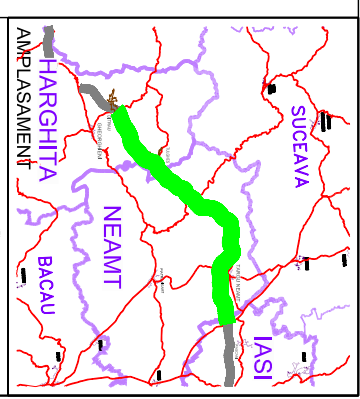
Cod: IPT-SF-COM-FS-09

Rev. 0



LEGENDA

	INFRASTRUCTURA COMUNICATIIL		DETECTOARE
	CAMERE VIDEO		STATII METEO
	SISTEM S.O.S.		SISTEME SCADA
	SISTEM S.O.S. TUNEL		SISTEM TAXARE
	PANOURI MESAJE VARIABLE		DETECTIE INCIDENTE



COMPANIA NATIONALA DE AUTOSTRAZI SI DRUMURI NATIONALE DIN ROMANIA
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 PROIECTANT DE SPECIALITATE SISTEME DE COMUNICATIIL
 S.C. PROTOLGO S.A. CAMPINA

INVESTITIA
 AUTOSTRADA DITRAU-TARGU NEAMT
 Km 0+000 - Km 118+100

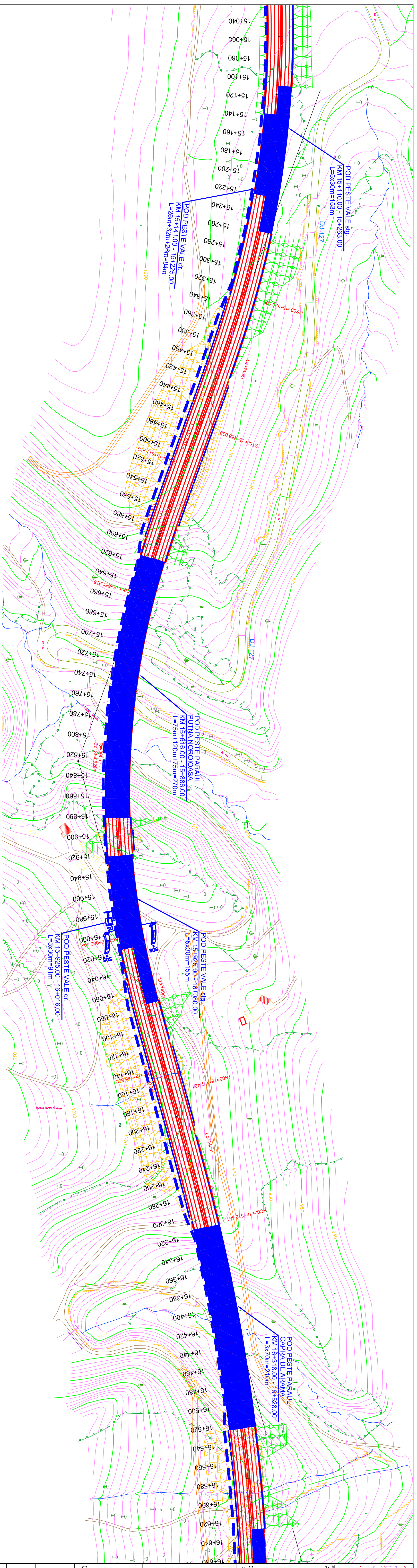
CONTRACT NR. 92 / 58623 / 4275

FAZA DE PROIECTARE
 Studiu de Fezabilitate Sisteme de comunicatii si infrastructura aferenta

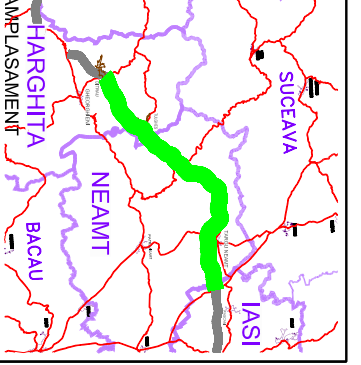
Proiectant Ing. I. Serban	Desenat Ing. M. Schipciu
Verificat Ing. C. Iin Palrasca	Seif Proiect Ing. V. OSIMAN

LUCRARI DE DRUMURI
 Scara: 1:22.000
 Data: DECEMBRIE 2010

Plan de situatie Sisteme de comunicatii



LEGENDA	
	INFRASTRUCTURA COMUNICATIIL
	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABLE
	DETECTOARE
	STATII METEO
	SISTEME SCADA
	SISTEM TAXARE
	DETECTIE INCIDENTE



COMPANIA NATIONALA DE AUTOSTRAZI SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT

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AUTOSTRADA DITRAU - IARGU NEAMT Km 0+000 - Km 118+100

CONTRACT NR. 92 / 58623 / 4275

FAZA DE PROIECTARE

Studiu de Fezabilitate Sisteme de comunicatii si infrastructura aferenta

Proiectant	Desenat
Ing. I. Serban	Ing. M. Schiopu
Verificat	Ser. Proiect
Ing. C. Iin. Patrascu	Ing. V. OSIMAN

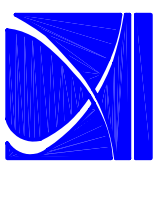
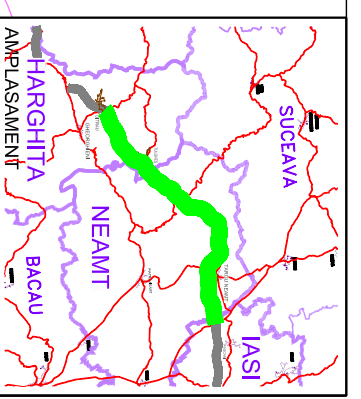
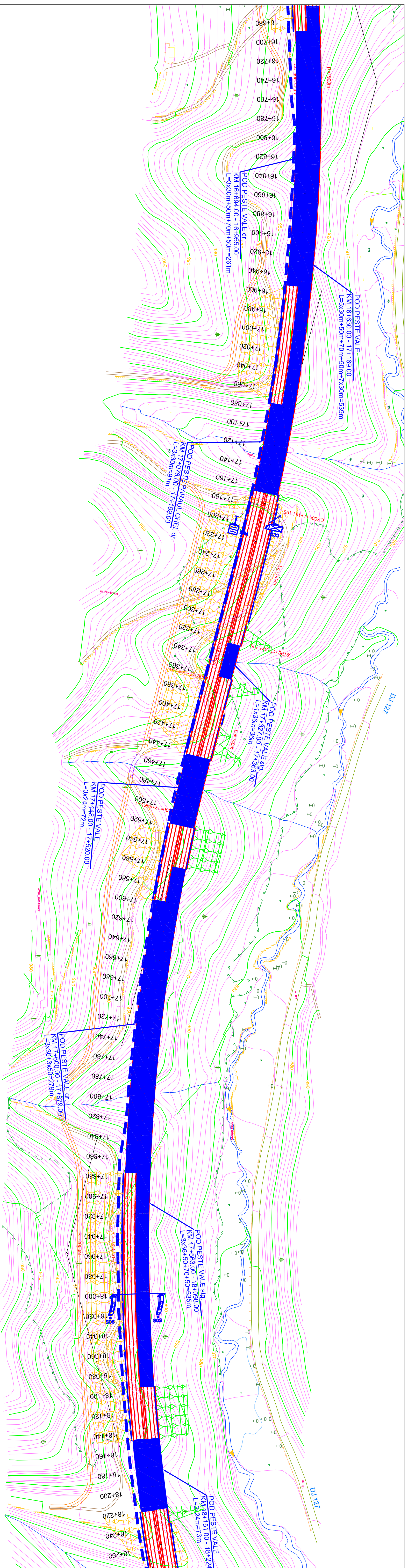
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Scara: 1:22.000

Data: DECEMBRIE 2010

Plan de situatie

Sisteme de comunicatii



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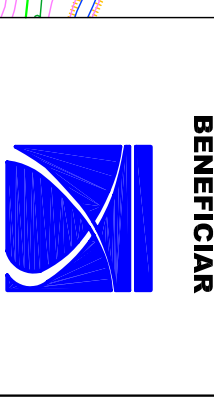
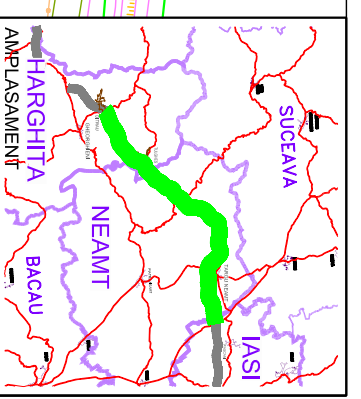
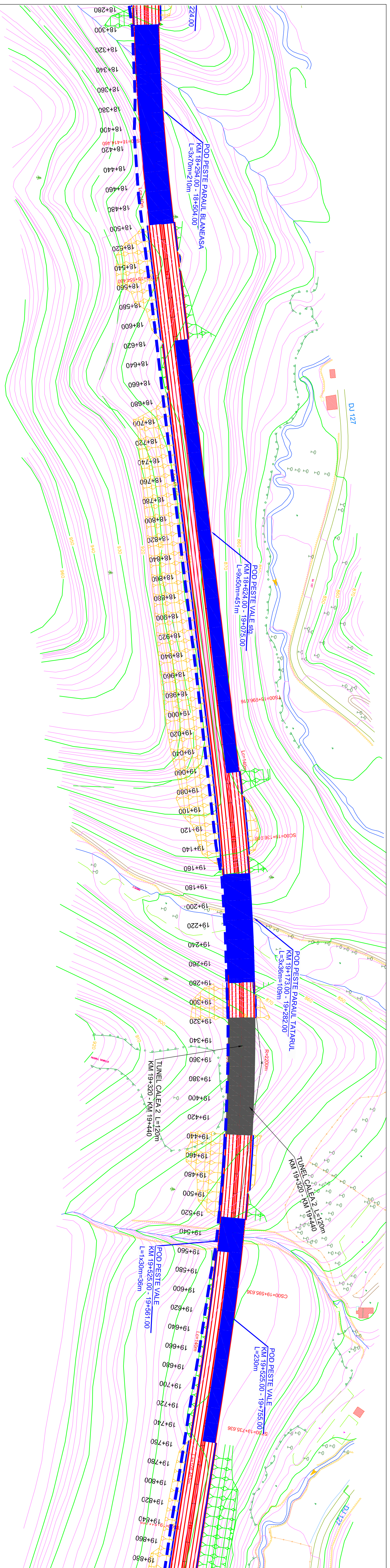
FAZA DE PROIECTARE
 Studiu de Fezabilitate
 Sisteme de comunicatii
 si infrastructura aferenta

Proiectant: Ing. I. Serban
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LUCRARI DE DRUMURI
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Plan de situatie
 Sisteme de comunicatii

LEGENDA	
	INFRASTRUCTURA COMUNICATIIL
	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABILE
	DETECTOARE
	STATII METEO
	SISTEME SCADA
	SISTEM TAXARE
	DETECTIE INCIDENTE



BENEFICIAR
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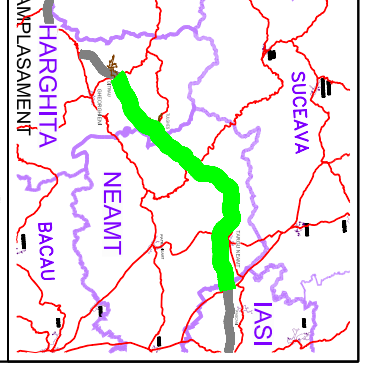
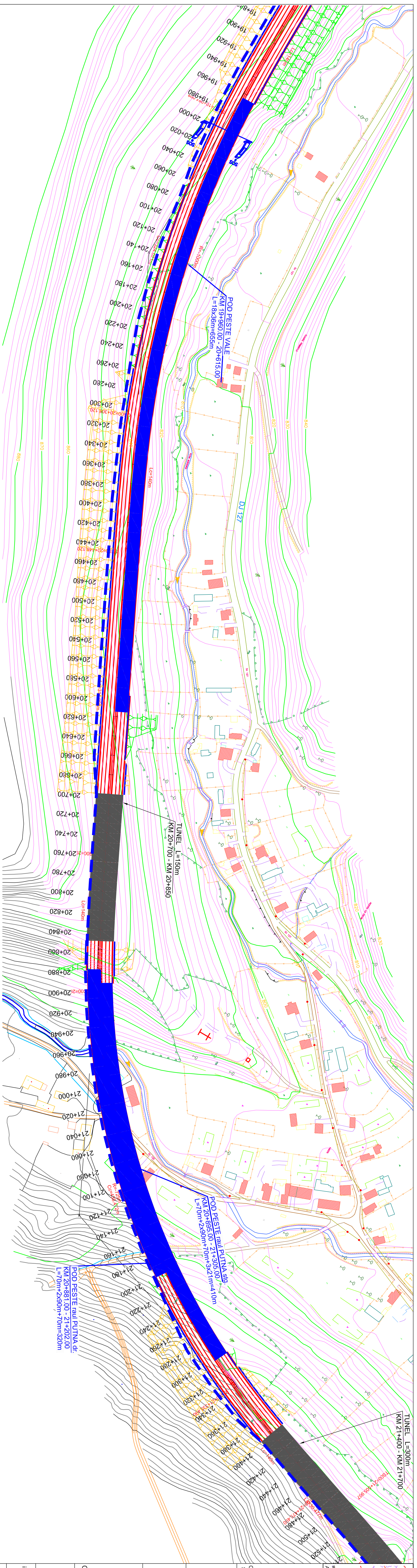
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FAZA DE PROIECTARE
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Sisteme de comunicatii
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Proiectant Ing. I. Serban	Desenat Ing. M. Schiopu
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LUCRARI DE DRUMURI
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Data: DECEMBRIE 2010

Plan de situatie
Sisteme de comunicatii

LEGENDA	
	INFRASTRUCTURA COMUNICATIILOR
	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABILE
	DETECTOARE
	STATII METEO
	SISTEME SCADA
	SISTEM TAXARE
	DETECTIE INCIDENTE



PROIECTANT
 COMPANIA NATIONALA DE AUTOSTRAZI
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IPTANA S.A.
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 S.C. PROTELCO S.A.
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 AUTOSTRADA
 DITRAU - TARGU NEAMT
 Km 0+000 - Km 118+100

FAZA DE PROIECTARE
 Studiu de Fezabilitate
 Sisteme de comunicatii
 si infrastructura aferenta

Contract Nr. 92 / 58623 / 4275

Proiectat	Desenat
Ing. I. Serban	Ing. M. Schicpu
Verificat	Seif Proiect
Ing. C. Iin Palrasca	Ing. V. OSIMAN

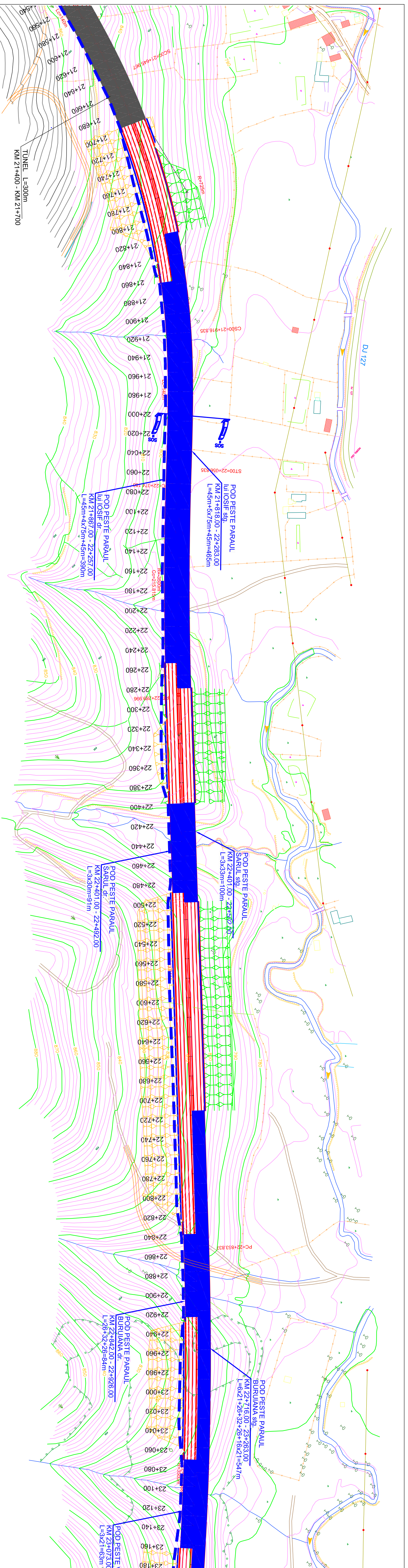
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 Data: DECEMBRIE 2010

Plan de situatie
 Sisteme de comunicatii

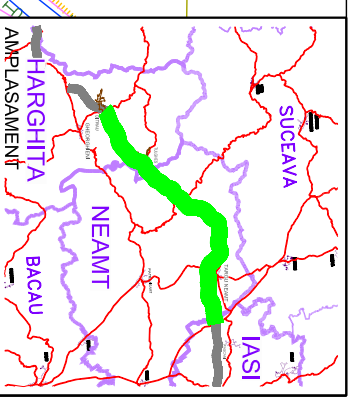
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LEGENDA	
	INFRASTRUCTURA COMUNICATIIL
	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABILE
	DETECTOARE
	STATII METEO
	SISTEME SCADA
	SISTEM TAXARE
	DETECTIE INCIDENTE



LEGENDA

	INFRASTRUCTURA COMUNICATIIL		DETECTOARE
	CAMERE VIDEO		STATII METEO
	SISTEM S.O.S.		SISTEME SCADA
	SISTEM S.O.S. TUNEL		SISTEM TAXARE
	PANOURI MESAJE VARIABLE		DETECTIE INCIDENTE



BENEFICIAR
AMPLASAMENT
HARGHITA
NEAMT
BACAU

COMPANIA NATIONALA DE AUTOSTRAZI
 SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT
IPTANA S.A.

PROIECTANT DE SPECIALITATE
 SISTEME DE COMUNICATII
 S.C. PROTELCO S.A.
 CAMPINA

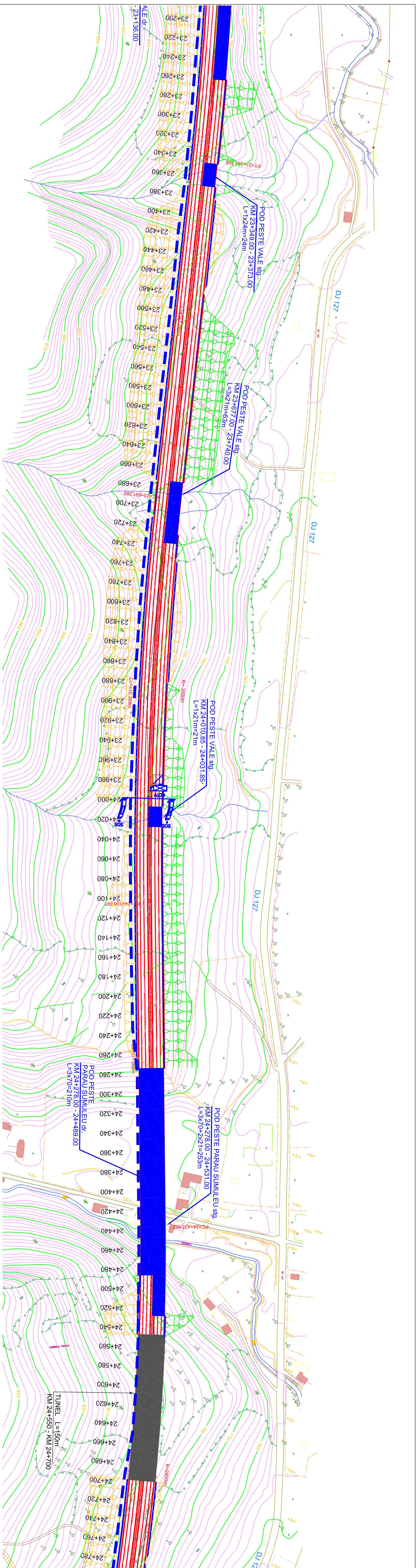
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 AUTOSTRADA
 DITRAU - IARAJU NEAMT
 Km 0+000 - Km 118+100

CONTRACT NR. 92 / 58623 / 4275
FAZA DE PROIECTARE
 Studiu de Fezabilitate
 Sisteme de comunicatii
 si infrastructura aferenta

Proiectant Ing. I. Serban	Desenat Ing. M. Schiopu
Verificat Ing. C. Iin Patrasca	Sef Proiect Ing. V. OSIMAN

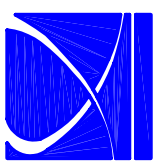
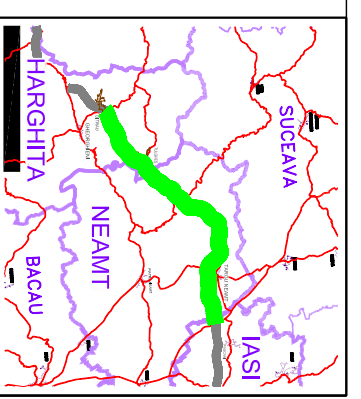
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Plan de situatie
 Sisteme de comunicatii



LEGENDA

	INFRASTRUCTURA COMUNICATIIL		DETECTOARE
	CAMERE VIDEO		STATII METEO
	SISTEM S.O.S.		SISTEME SCADA
	SISTEM S.O.S. TUNEL		SISTEM TAXARE
	PANOURI MESAJE VARIABLE		DETECTIE INCIDENTE



COMPANIA NATIONALA DE AUTOSTRAZI SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT

IPTANA S.A.

PROIECTANT DE SPECIALITATE SISTEME DE COMUNICATII

S.C. PROTELCO S.A. CAMPINA

INVESTITIA

AUTOSTRADA DITRAU - IARGU NEAMT Km 0+000 - Km 118+100

CONTRACT NR. 92 / 58623 / 4275

FAZA DE PROIECTARE

Studiu de Fezabilitate Sisteme de comunicatii si infrastructura aferenta

Proiectant	Desenat
Ing. I. Serban	Ing. M. Schicpu
Verificat	Seif Proiect
Ing. C. In. Patrascu	Ing. V. OSIMAN

LUCRARI DE DRUMURI

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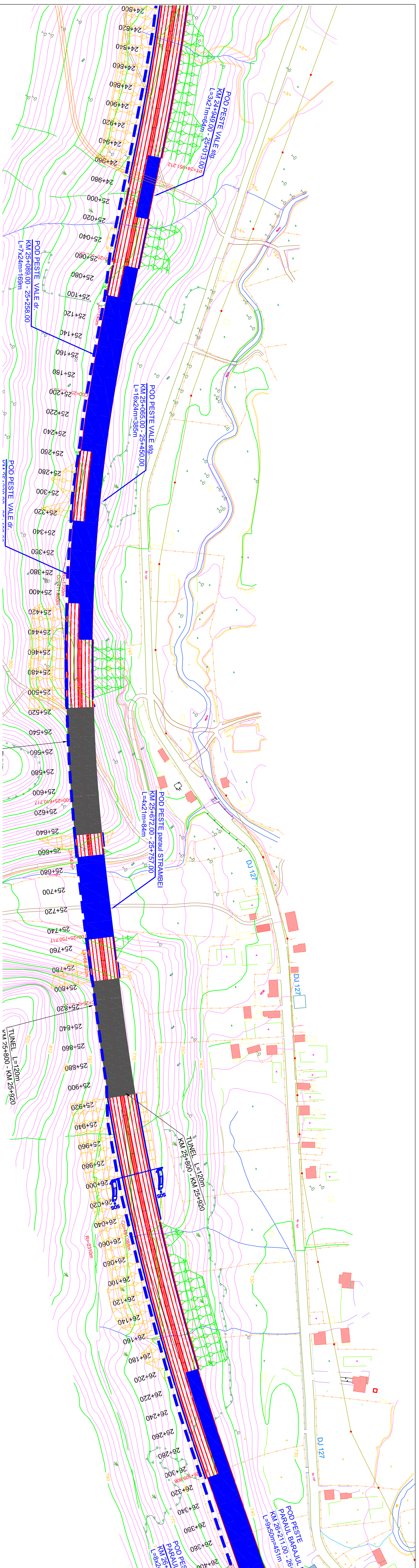
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Plan de situatie

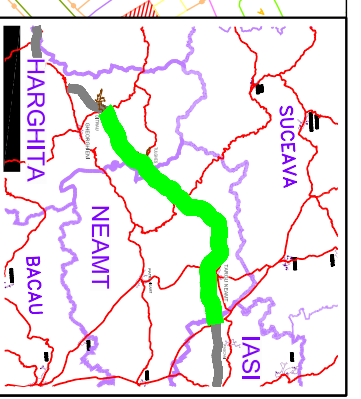
Sisteme de comunicatii

Cod: IPT-SF-COM-FS-16

Rev. 0



LEGENDA	
	INFRASTRUCTURA COMUNICATIIL
	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABLE
	DETECTOARE
	STATII METEO
	SISTEME SCADA
	SISTEM TAXARE
	DETECTIE INCIDENTE



BENEFICIAR

COMPANIA NATIONALA DE AUTOSTRAZI SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT

IPTANA S.A.

PROIECTANT DE SPECIALITATE
SISTEME DE COMUNICATII

S.C. PROTELCO S.A.
CAMPINA

INVESTITIA

AUTOSTRAZDA
DITRAU -TARGU NEAMT
Km 0+000 - Km 118+100

CONTRACT NR: 92 / 58623 / 4275

FAZA DE PROIECTARE
Studiu de Fezabilitate
Sisteme de comunicatii
si infrastructura aferenta

Proiectant	Desenat
Ing. I. Serban	Ing. M. Schiopu
Verificat	Ser. Proiect
Ing. C. Iin Palrasca	Ing. V. OSIMAN

LUCRARI DE DRUMURI

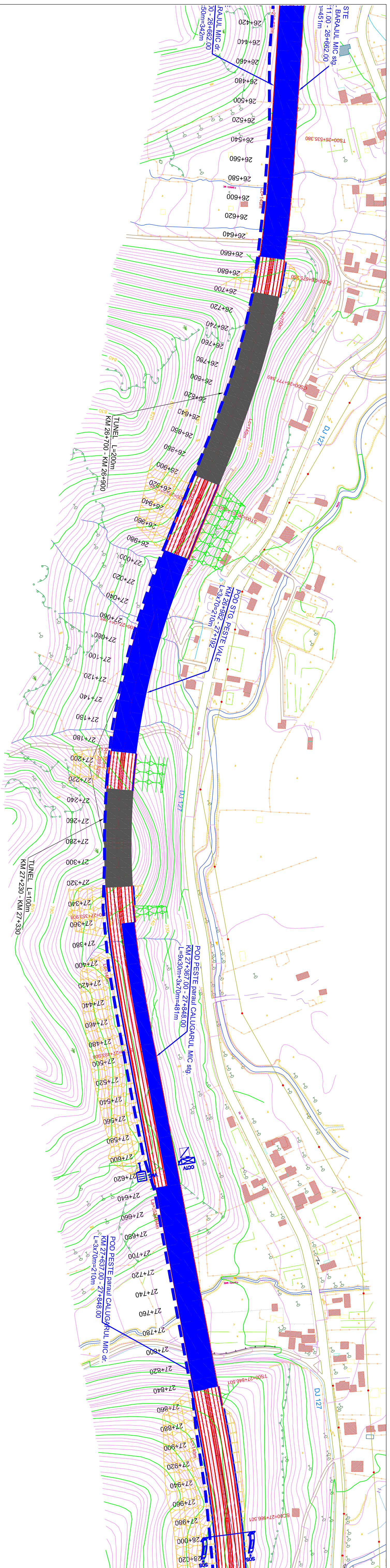
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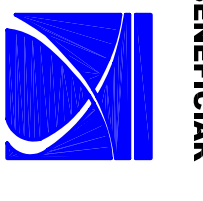
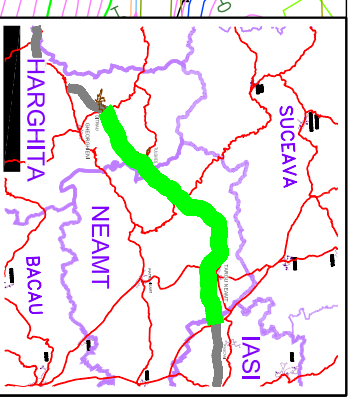
Plan de situatie
Sisteme de comunicatii

Cod: IPT-SF-COM-FS-17

Rev. 0



LEGENDA	
	INFRASTRUCTURA COMUNICATIIL
	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABLE
	DETECTOARE
	STATII METEO
	SISTEME SCADA
	SISTEM TAXARE
	DETECTIE INCIDENTE



BENEFICIAR
S.C. PROTOLCO S.A.

PROIECTANT
COMPANIA NATIONALA DE AUTOSTRAZI SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT DE SPECIALITATE
SISTEME DE COMUNICATII
S.C. PROTOLCO S.A.
CAMPINA

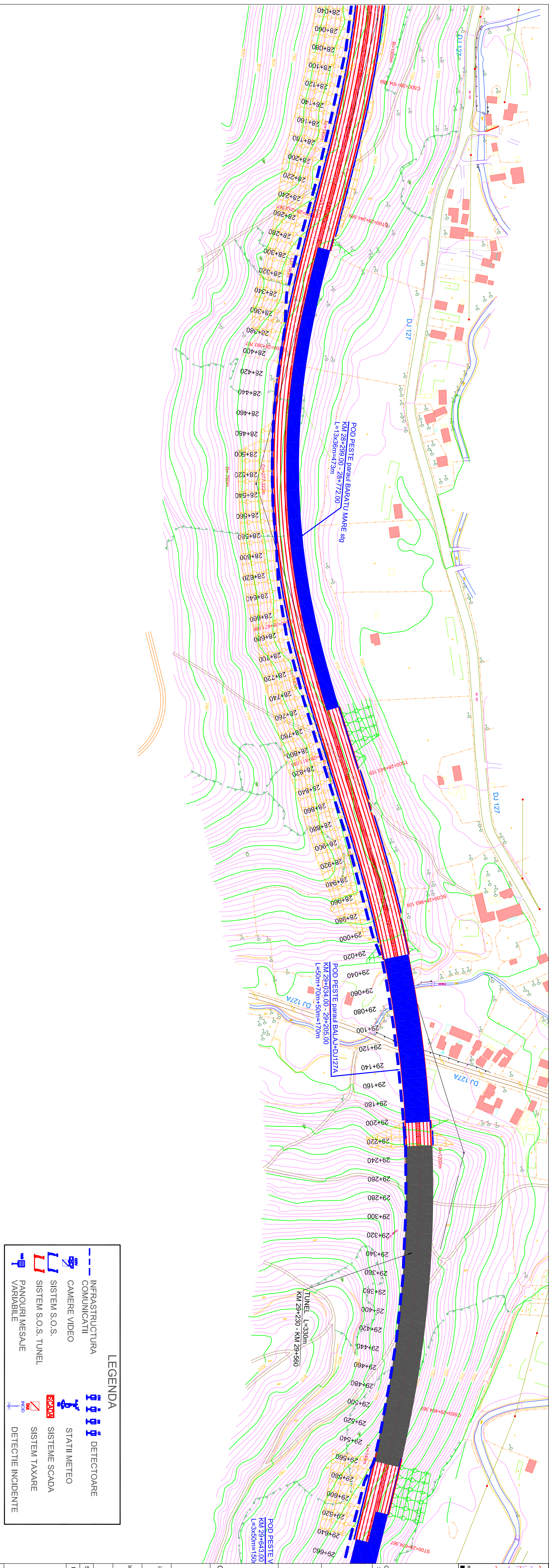
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AUTOSTRADA
DITRAU - TARGU NEAMT
Km 0+000 - Km 118+100

CONTRACT NR. 92 / 58623 / 4275
FAZA DE PROIECTARE
Studiu de Fezabilitate
Sisteme de comunicatii
si infrastructura aferenta

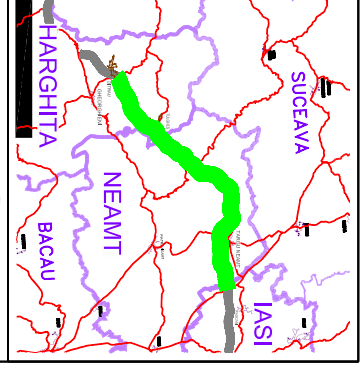
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Verificat Ing. C. Iin Palrasca	Ser. Proiect Ing. V. OSIMAN

LUCRARI DE DRUMURI
Scara: 1:22.000
Data: DECEMBRIE 2010

Plan de situatie
Sisteme de comunicatii



LEGENDA	
	INFRASTRUCTURA COMUNICATIILOR
	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABLE
	DETECTOARE
	STATII METEO
	SISTEME SCADA
	SISTEM TAXARE
	DETECTIE INCIDENTE



BENEFICIAR

COMPANIA NATIONALA DE AUTOSTRAZI SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT

IPTANA S.A.

PROIECTANT DE SPECIALITATE SISTEME DE COMUNICATII S.C. PROTELCO S.A. CAMPINA

INVESTITIA

AUTOSTRADA DITRAU -TARGU NEAMT Km 0+000 - Km 118+100

CONTRACT NR. 92 / 58623 / 4275

FAZA DE PROIECTARE

Studiu de Fezabilitate Sisteme de comunicatii si infrastructura aferenta

Proiectat	Ing. I. Serban	Desenat	Ing. M. Schiopu
Verificat	Ing. C. Iin Patrasca	Ser. Proiect	Ing. V. OSIMAN

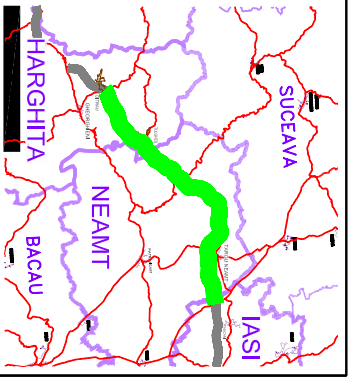
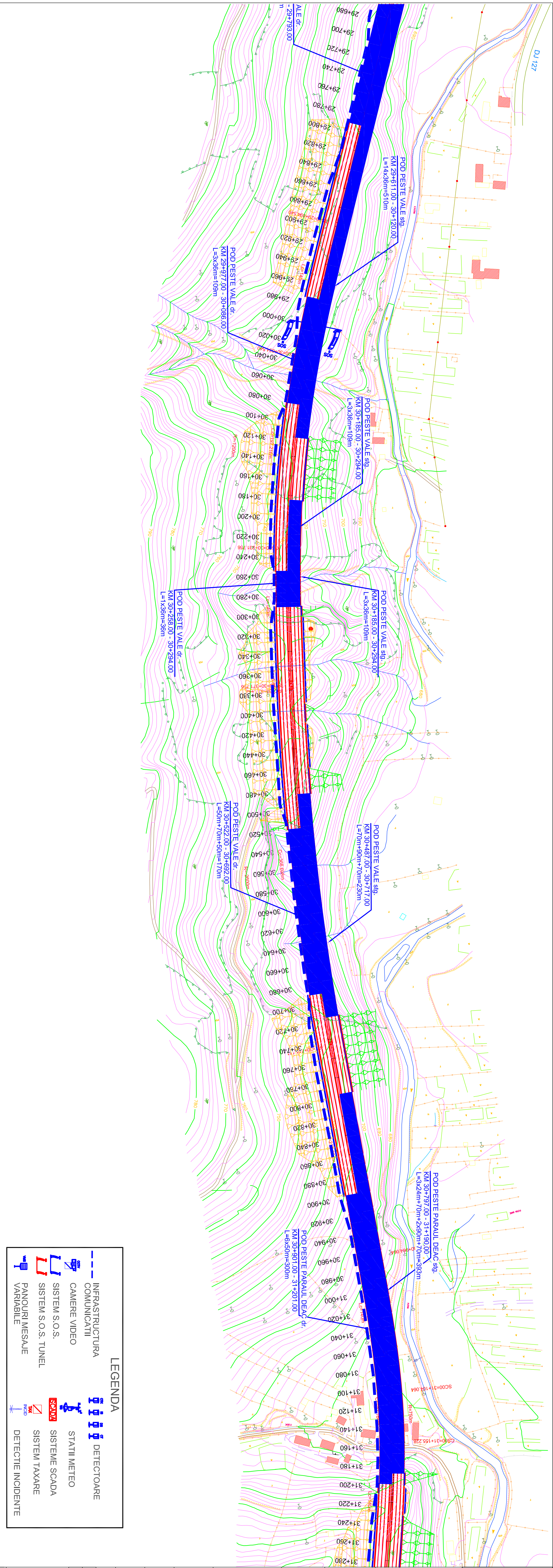
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Scara: 1:22.000

Data: DECEMBRIE 2010

Plan de situatie Sisteme de comunicatii

Cod: IPT-SF-COM-FS-19 Rev. 0



BENEFICIAR

COMPANIA NATIONALA DE AUTOSTRAZI
SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT

IPTANA S.A.

PROIECTANT DE SPECIALITATE
SISTEME DE COMUNICATII
S.C. PROTELCO S.A.
CAMPINA

INVESTITIA

AUTOSTRADA
DITRAU - IARGU NEAMT
Km 0+000 - Km 118+100

CONTRACT Nr. 92 / 58623 / 4275

FAZA DE PROIECTARE
Studiu de Fezabilitate
Sisteme de comunicatii
si infrastructura aferenta

Proiectant	Desenat
Ing. I. Serban	Ing. M. Schipcu
Verificat	Ser. Proiect
Ing. C. Iin Patrasca	Ing. V. OSIMAN

LUCRARI DE DRUMURI

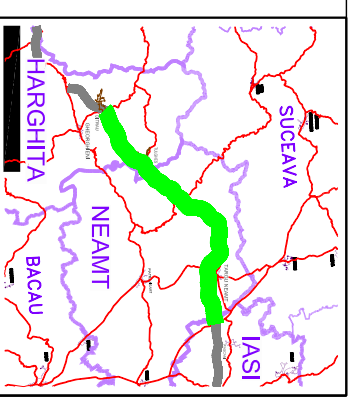
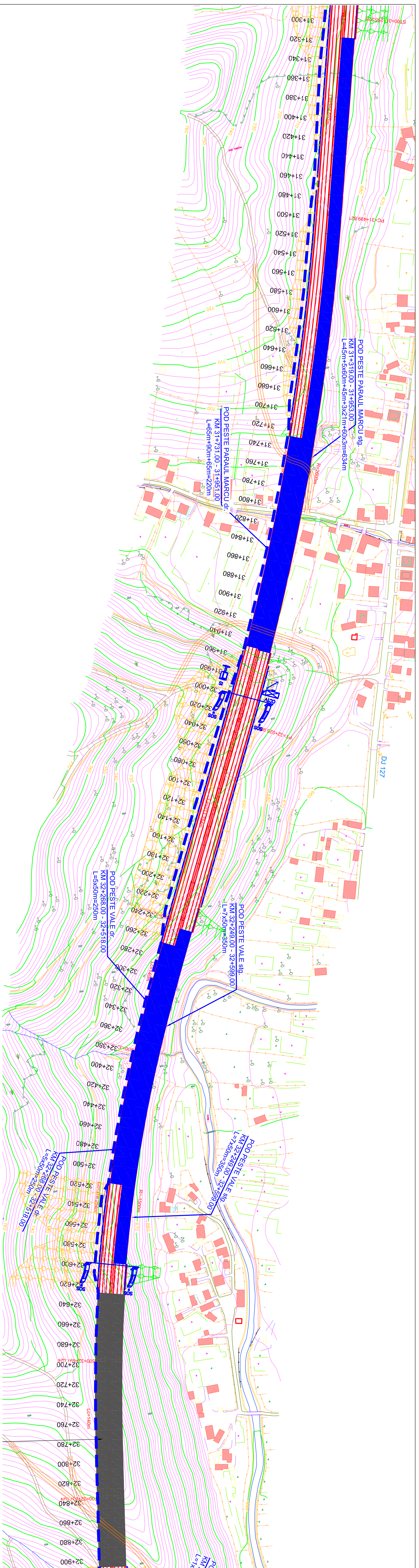
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Plan de situatie
Sisteme de comunicatii

Cod: IPT-SF-COM-FS-20
Rev. 0

LEGENDA

	INFRASTRUCTURA COMUNICATIILOR		DETECTOARE STATII METEO
	CAMERE VIDEO		SISTEME SCADA
	SISTEM S.O.S.		SISTEM TAXARE
	SISTEM S.O.S. TUNEL		DETECTIE INCIDENTE
	PANOURI MESAJE VARIABILE		



BENEFICIAR

COMPANIA NATIONALA DE AUTOSTRAZI
SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT

IPTANA S.A.

PROIECTANT DE SPECIALITATE
SISTEME DE COMUNICATII
S.C. PROTELCO S.A.
CAMPINA

INVESTITIA

AUTOSTRADA
DITRAU - TARGU NEAMT
Km 0+000 - Km 118+100

CONTRACT NR. 92 / 58623 / 4275

FAZA DE PROIECTARE
Studiu de Fezabilitate
Sisteme de comunicatii
si infrastructura aferenta

Proiectat	Ing. I. Serban	Desenat	Ing. M. Schiopu
Verificat	Ing. C. Iin Patrasca	Seif Proiect	Ing. V. OSIMAN

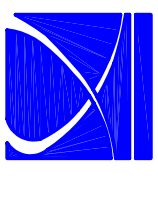
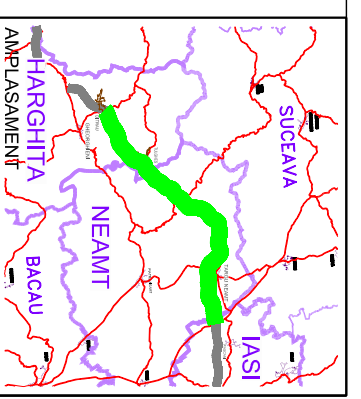
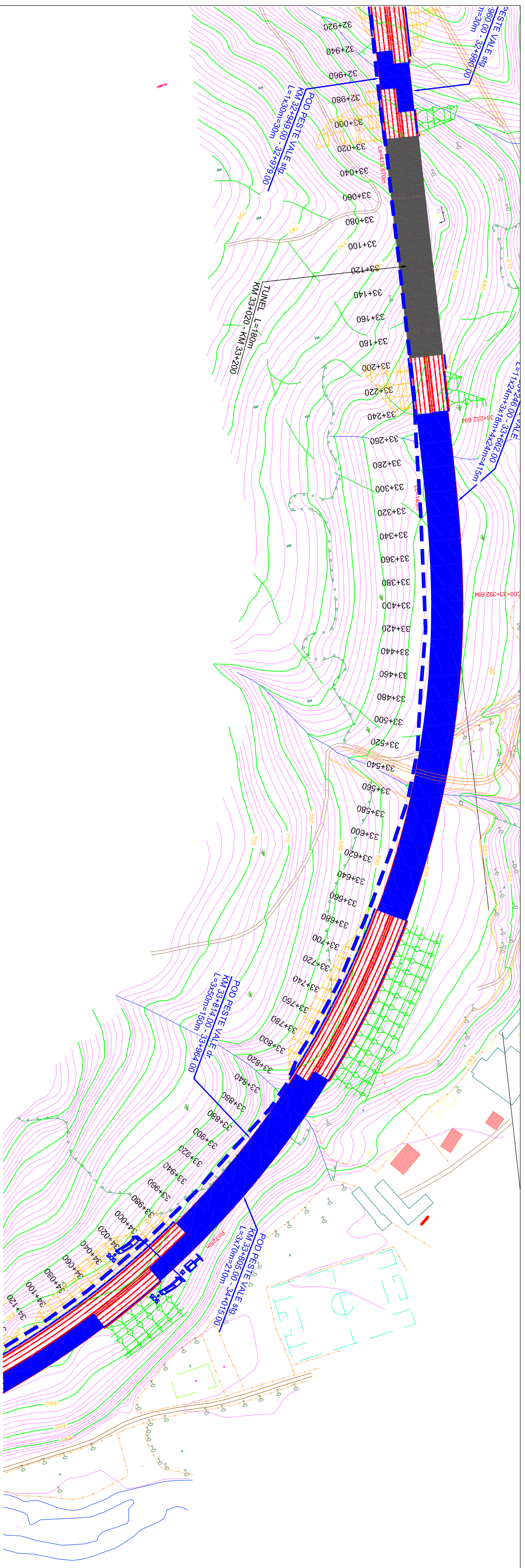
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Data: DECEMBRIE 2010

Plan de situatie
Sisteme de comunicatii

Cod: IPT-SF-COM-FS-21 Rev. 0

LEGENDA	
	INFRASTRUCTURA COMUNICATIILOR
	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABILE
	DETECTOARE
	STATII METEO
	SISTEME SCADA
	SISTEM TAXARE
	DETECTIE INCIDENTE



BENEFICIAR
 COMANIA NATIONALA DE AUTOSTRAZI
 SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT
 IPTANA S.A.

PROIECTANT DE SPECIALITATE
 SISTEME DE COMUNICATII
 S.C. PROTELCO S.A.
 CAMPINA

INVESTITIA
 AUTOSTRADA
 DITRAU - TARGU NEAMT
 Km 0+000 - Km 118+100

CONTRACT NR: 92 / 58623 / 4275

FAZA DE PROIECTARE
 Studiu de Fezabilitate
 Sisteme de comunicatii
 si infrastructura aferenta

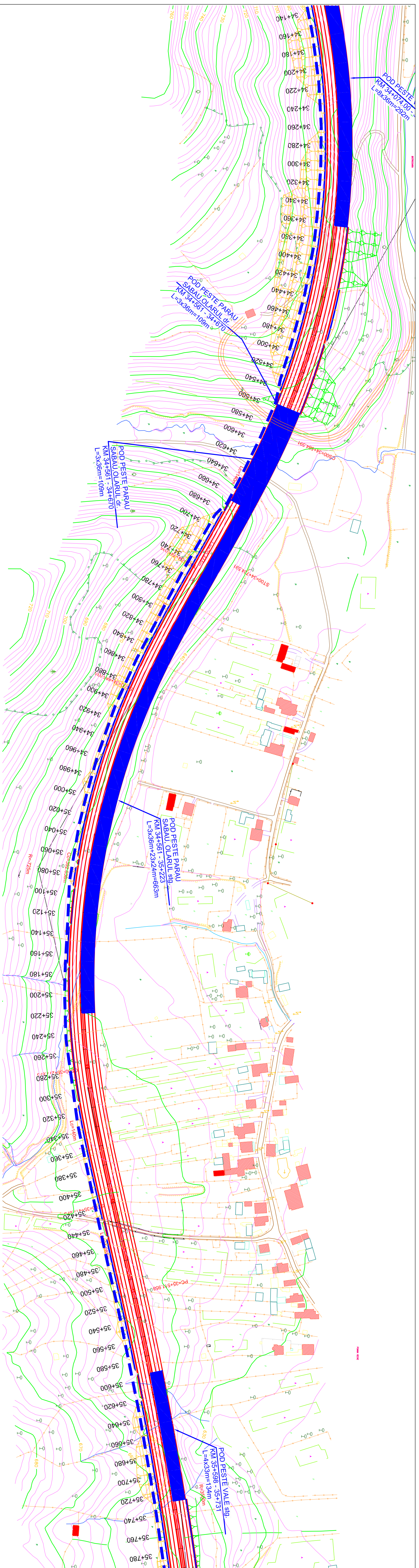
Proiectant	Desenat
Ing. I. Serban	Ing. M. Schiopu
Verificat	Seif Proiect
Ing. C. Iin. Patrascu	Ing. V. OSIMAN

LUCRARI DE DRUMURI

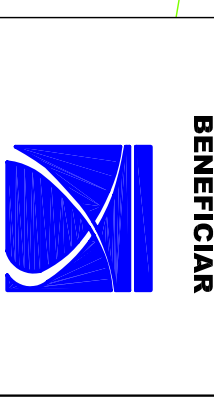
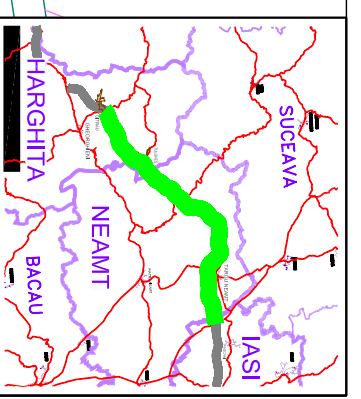
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Plan de situatie
 Sisteme de comunicatii

LEGENDA	
	INFRASTRUCTURA COMUNICATII
	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABLE
	DETECTOARE
	STATII METEO
	SISTEME SCADA
	SISTEM TAXARE
	DETECTIE INCIDENTE



LEGENDA	
	INFRASTRUCTURA COMUNICATIIL
	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABILE
	DETECTOARE
	STATII METEO
	SISTEME SCADA
	SISTEM TAXARE
	DETECTIE INCIDENTE



BENEFICIAR
IPTANA S.A.

COMPANIA NATIONALA DE AUTOSTRAZI SI DRUMURI NATIONALE DIN ROMANIA
PROIECTANT
IPTANA S.A.
PROIECTANT DE SPECIALITATE SISTEME DE COMUNICATII
S.C. PROTELCO S.A. CAMPINA

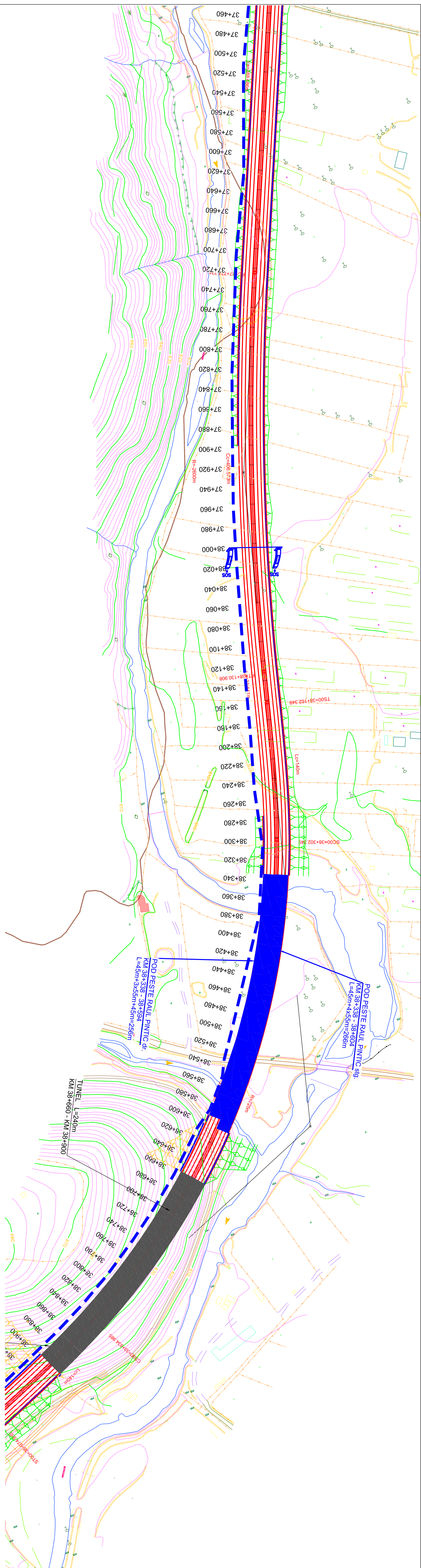
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AUTOSTRADA DITRAU-TARGU NEAMT Km 0+000 - Km 118+100
CONTRACT Nr. 92 / 58623 / 4275

FAZA DE PROIECTARE
Studiu de Fezabilitate Sisteme de comunicatii si infrastructura aferenta

Proiectat	Ingin. I. Serban	Desenat	Ingin. M. Schicpu
Verificat	Ingin. C. Iin Palirascu	Seif Proiect	Ingin. V. OSIMAN

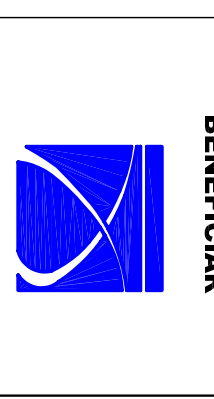
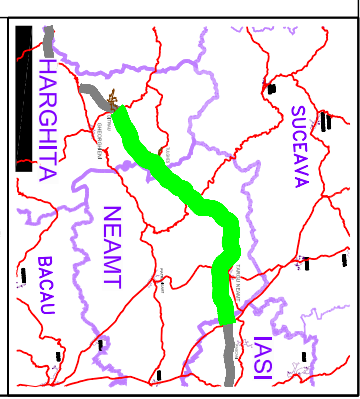
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Data: DECEMBRIE 2010

Plan de situatie
Sisteme de comunicatii
Cod: IPT-SF-COM-FS-23
Rev. 0



LEGENDA

	INFRASTRUCTURA COMUNICATIIL		DETECTOARE
	CAMERE VIDEO		STATII METEO
	SISTEM S.O.S.		SISTEME SCADA
	SISTEM S.O.S. TUNEL		SISTEM TAXARE
	PANOURI MESAJE VARIABILE		DETECTIE INCIDENTE



COMPANIA NATIONALA DE AUTOSTRAZI SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT
IPTANA S.A.

PROIECTANT DE SPECIALITATE
SISTEME DE COMUNICATIIL
S.C. PROTELCO S.A.
CAMPINA

INVESTITIA

AUTOSTRADA
DITRAU -TARGU NEAMT
Km 0+000 - Km 118+100

CONTRACT NR. 92 / 58623 / 4275

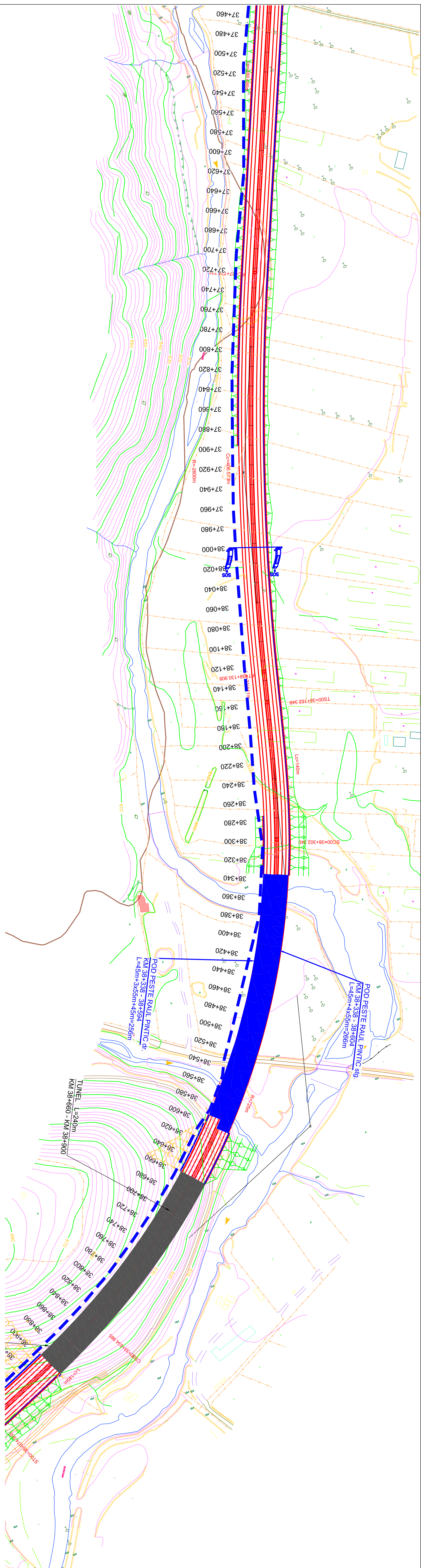
FAZA DE PROIECTARE
Studiu de Fezabilitate
Sisteme de comunicatii
si infrastructura aferenta

Proiectant Ing. I. Serban	Desenat Ing. M. Schiopu
Verificat Ing. C. Iin Palrascu	Seif Proiect Ing. V. OSIMAN

LUCRARI DE DRUMURI

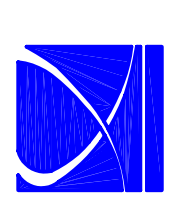
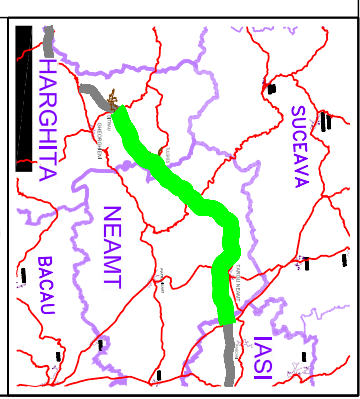
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Data: DECEMBRIE 2010

Plan de situatie
Sisteme de comunicatii



LEGENDA

	INFRASTRUCTURA COMUNICATIIL		DETECTOARE
	CAMERE VIDEO		STATII METEO
	SISTEM S.O.S.		SISTEME SCADA
	SISTEM S.O.S. TUNEL		SISTEM TAXARE
	PANOURI MESAJE VARIABLE		DETECTIE INCIDENTE



BENEFICIAR

COMPANIA NATIONALA DE AUTOSTRAZI
SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT

IPTANA S.A.

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SISTEME DE COMUNICATIIL
S.C. PROTELCO S.A.
CAMPINA

INVESTITIA

AUTOSTRADA
DITRAU -TARGU NEAMT
Km 0+000 - Km 118+100

CONTRACT NR. 92 / 58623 / 4275

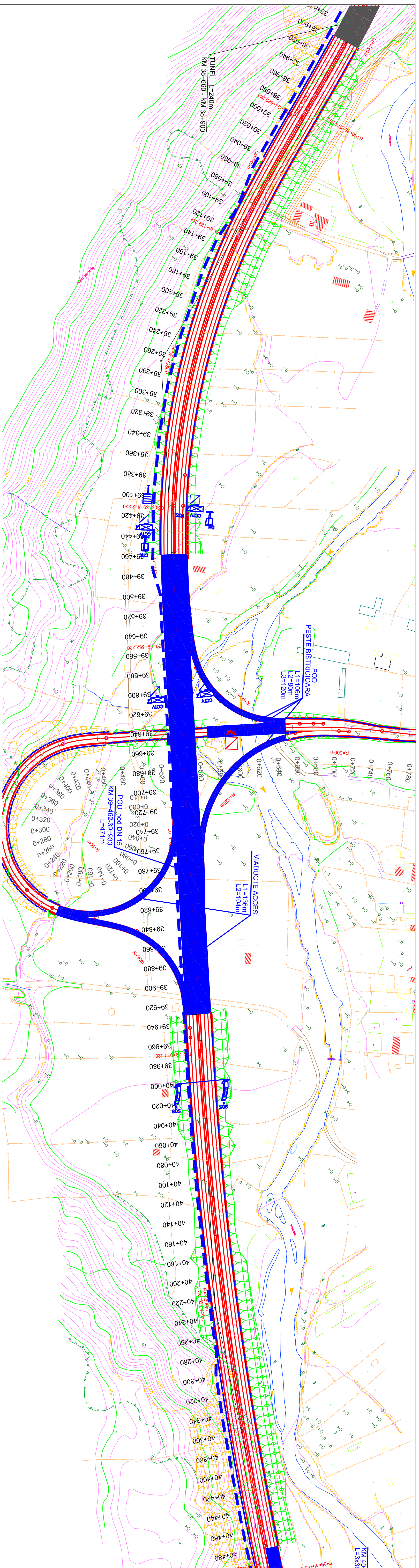
FAZA DE PROIECTARE
Studiu de Fezabilitate
Sisteme de comunicatii
si infrastructura aferenta

Proiectat Ing. I. Serban	Desenat Ing. M. Schiopu
Verificat Ing. C. Iin Palirascu	Seif Proiect Ing. V. OSIMAN

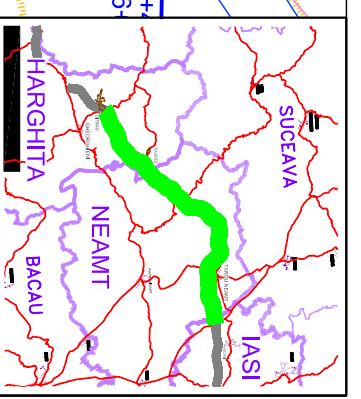
LUCRARI DE DRUMURI

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Data: DECEMBRIE 2010

Plan de situatie
Sisteme de comunicatii



LEGENDA	
	INFRASTRUCTURA COMUNICATIIL
	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABLE
	DETECTOARE
	STATII METEO
	SISTEME SCADA
	SISTEM TAXARE
	DETECTIE INCIDENTE



BENEFICIAR
 COMPANIA NATIONALA DE AUTOSTRAZI SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT
IPTANA S.A.

PROIECTANT DE SPECIALITATE
 SISTEME DE COMUNICATIIL
S.C. PROTELGO S.A.
 CAMPINA

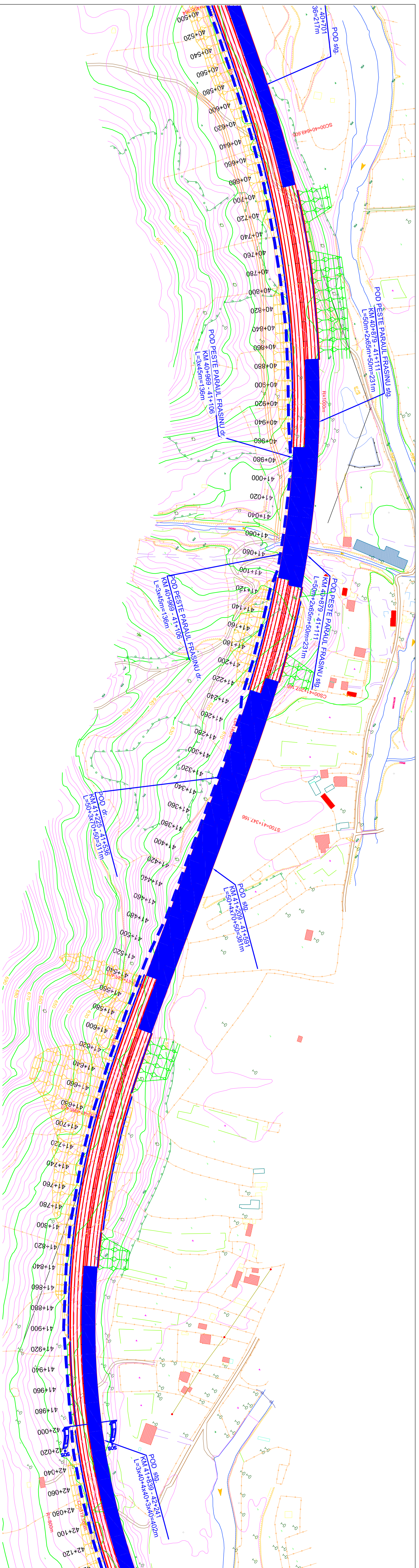
INVESTITIA
 AUTOSTRADA
 DITRAU-TARGU NEAMT
 Km 0+000 - Km 118+100

FAZA DE PROIECTARE
 Studiu de Fezabilitate
 Sisteme de comunicatii
 si infrastructura aferenta

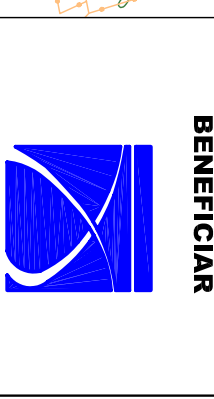
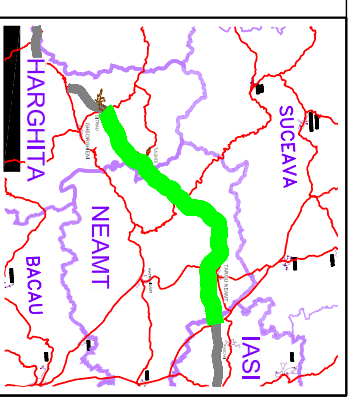
Proiectant Ing. I. Serban	Desenat Ing. M. Schiopu
Verificat Ing. C. Iin Palrasca	Ser. Proiect Ing. V. OSIMAN

LUCRARI DE DRUMURI
 Scara: 1:22.000
 Data: DECEMBRIE 2010

Plan de situatie
 Sisteme de comunicatii



LEGENDA	
	INFRASTRUCTURA COMUNICATIIL
	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABILE
	DETECTOARE
	STATII METEO
	SISTEME SCADA
	SISTEM TAXARE
	DETECTIE INCIDENTE



COMPANIA NATIONALA DE AUTOSTRAZI SI DRUMURI NATIONALE DIN ROMANIA
PROIECTANT
IPTANA S.A.

PROIECTANT DE SPECIALITATE
SISTEME DE COMUNICATII
S.C. PROTELCO S.A.
CAMPINA

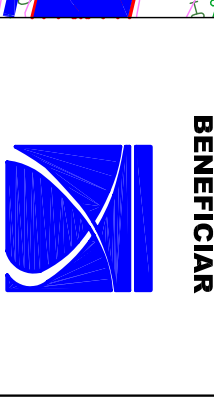
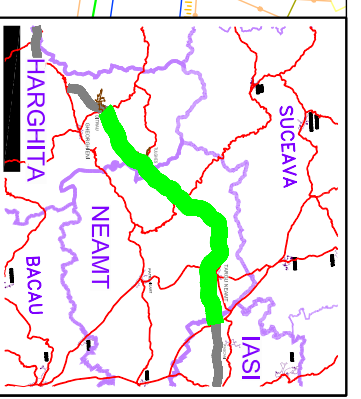
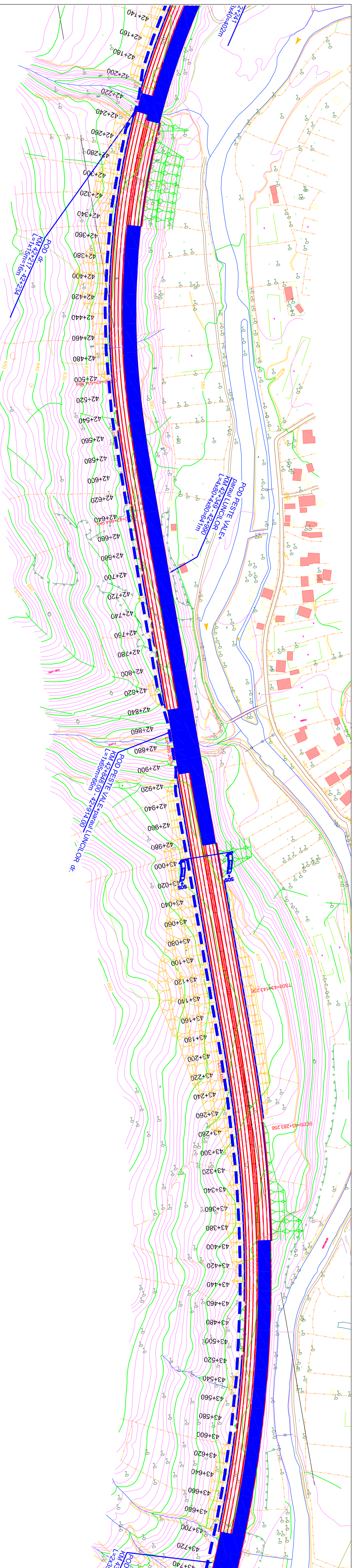
INVESTITIA
 AUTOSTRADA
 DITRAU - TARGU NEAMT
 Km 0+000 - Km 118+100

CONTRACT Nr. 92 / 58623 / 4275
FAZA DE PROIECTARE
 Studiu de Fezabilitate
 Sisteme de comunicatii
 si infrastructura aferenta

Proiectant	Desenat
Ing. I. Serban	Ing. M. Schiopu
Verificat	SeI Proiect
Ing. C. Iin Palrasca	Ing. V. OSMAN

LUCRARI DE DRUMURI
 Scara: 1:22.000
 Data: DECEMBRIE 2010

Plan de situatie
 Sisteme de comunicatii



BENEFICIAR
IPTANA S.A.

PROIECTANT
COMPANIA NATIONALA DE AUTOSTRAZI
SI DRUMURI NATIONALE DIN ROMANIA

INVESTITIA
AUTOSTRADA
DITRAU - TARGU NEAMT
Km 0+000 - Km 118+100

FAZA DE PROIECTARE
Studiu de Fezabilitate
Sisteme de comunicatii
si infrastructura aferenta

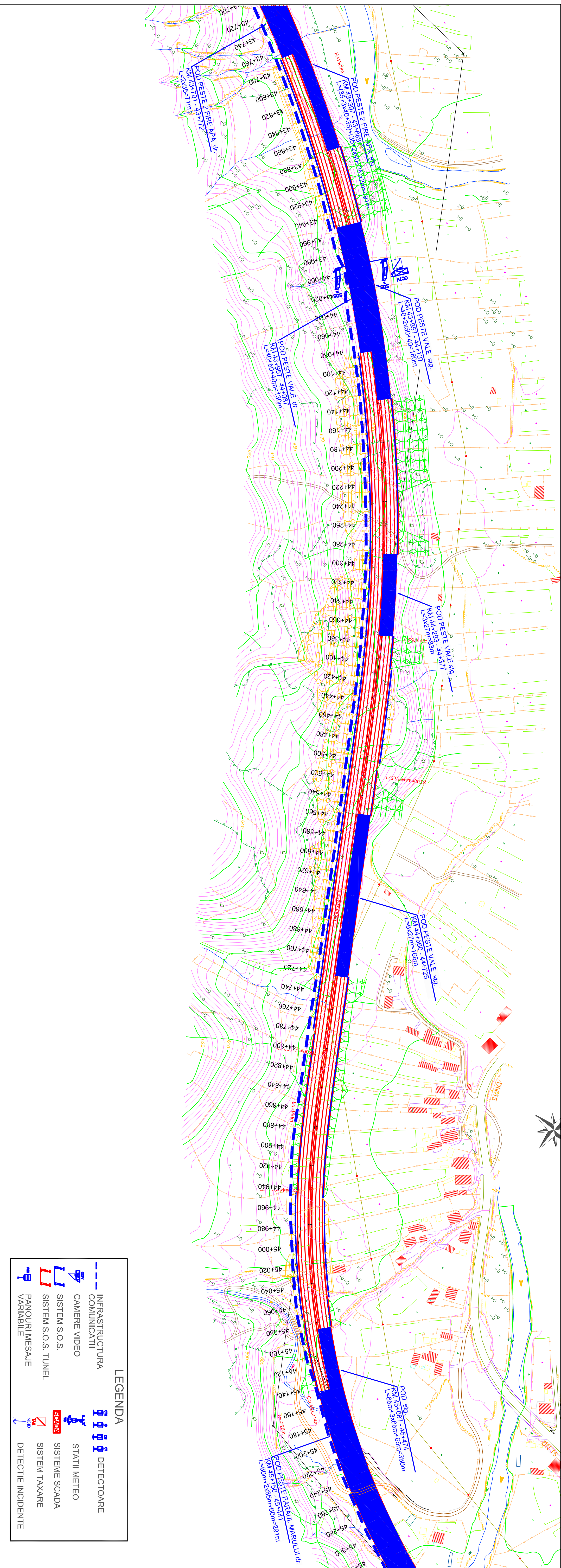
Contract Nr: 92 / 58623 / 4275

Proiectant: Ing. I. Serban
Desenat: Ing. M. Schiopu
Verificat: Ing. C. I. Patrascu
Sef Proiect: Ing. V. OSIMAN

LUCRARI DE DRUMURI
Scara: 1:22.000
Data: DECEMBRIE 2010

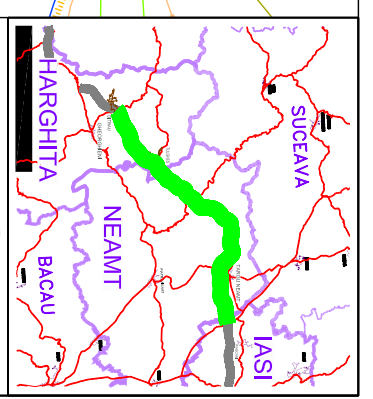
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	INFRASTRUCTURA COMUNICATIILOR
	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABILE
	DETECTOARE
	STATII METEO
	SISTEME SCADA
	SISTEM TAXARE
	DETECTIE INCIDENTE

Plan de situatie
Sisteme de comunicatii



LEGENDA

	INFRASTRUCTURA COMUNICATIIL		DETECTOARE
	CAMERE VIDEO		STATII METEO
	SISTEM S.O.S.		SISTEME SCADA
	SISTEM S.O.S. TUNEL		SISTEM TAXARE
	PANOURI MESAJE VARIABLE		DETECTIE INCIDENTE



COMPANIA NATIONALA DE AUTOSTRAZI SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT

IPTANA S.A.

PROIECTANT DE SPECIALITATE SISTEME DE COMUNICATII S.C. PROTELCO S.A. CAMPINA

INVESTITIA

AUTOSTRADA DITRAU - IARGU NEAMT Km 0+000 - Km 118+100

CONTRACT NR. 92 / 58623 / 4275

FAZA DE PROIECTARE

Studiu de Fezabilitate Sisteme de comunicatii si infrastructura aferenta

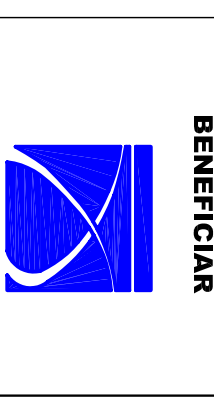
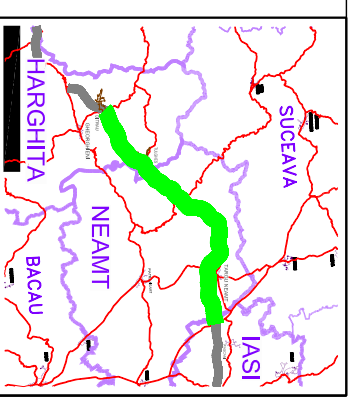
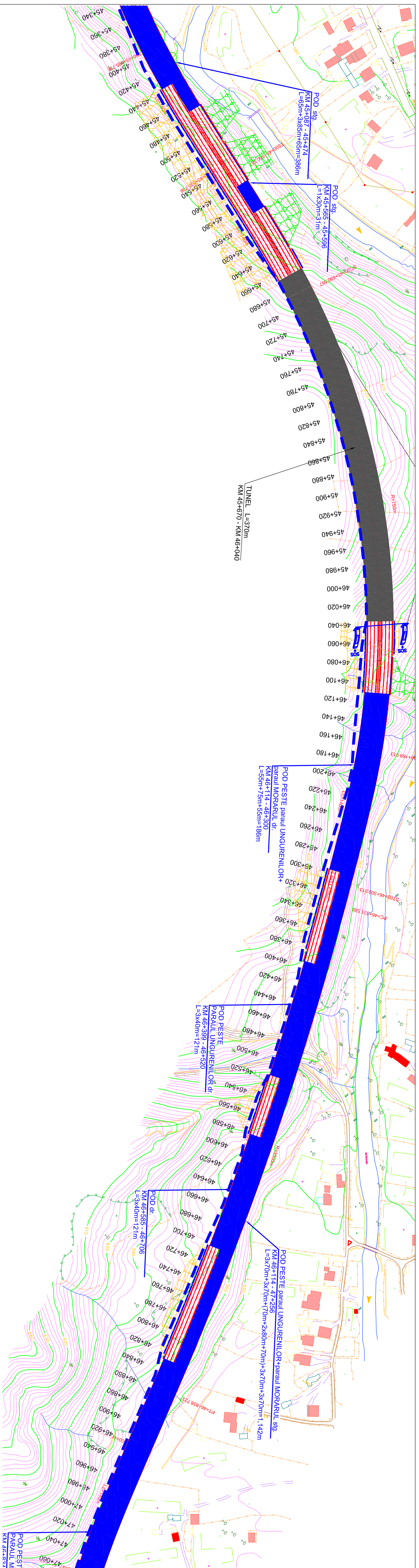
Proiectant: Ing. I. Serban
 Desenat: Ing. M. Schiopu
 Verificat: Ing. C. Iin Palrasca
 Ser. Proiect: Ing. V. OSIMAN

LUCRARI DE DRUMURI

Scara: 1:22.000
 Data: DECEMBRIE 2010

Plan de situatie Sisteme de comunicatii

Cod: IPT-SF-COM-FS-29 Rev. 0



BENEFICIAR
 IPTANA S.A.

PROIECTANT
 S.C. PROTTELCO S.A.
 CAMPINA

INVESTITIA
 AUTOSTRADA
 DITRAU - TARGU NEAMT
 Km 0+000 - Km 118+100

FAZA DE PROIECTARE
 Studiu de Fezabilitate
 Sisteme de comunicatii
 si infrastructura aferenta

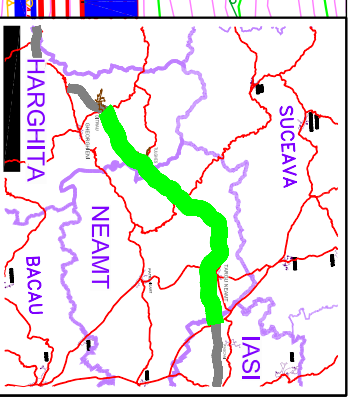
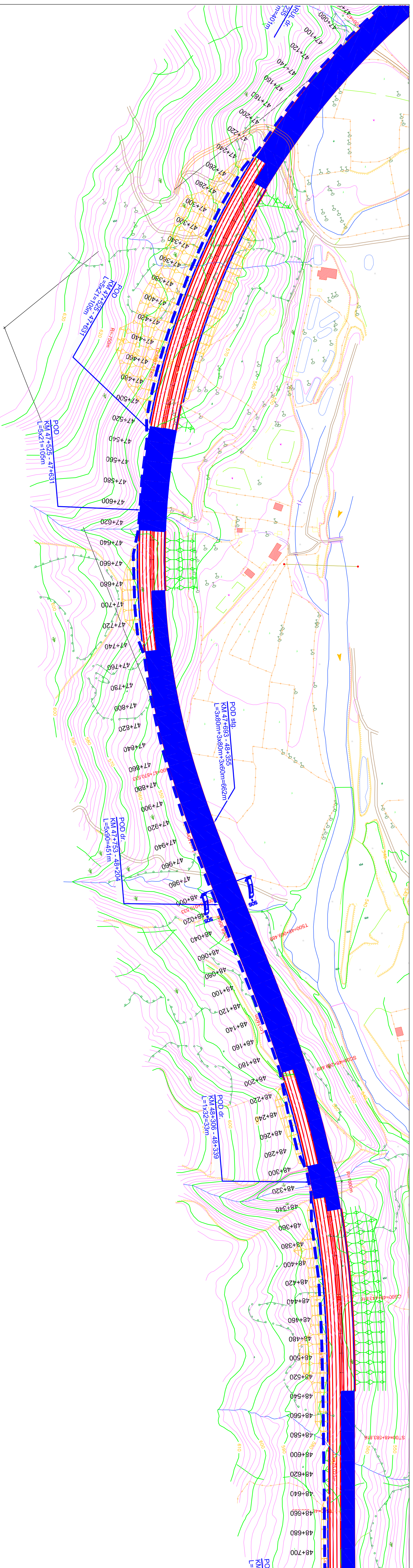
Proiectant: Ing. I. Serban
 Desenat: Ing. M. Schiopu
 Verificat: Ing. C. Iin Paltrascu
 Ser. Proiect: Ing. V. OSIMAN

LUCRARI DE DRUMURI
 Scara: 1:22.000
 Data: DECEMBRIE 2010

Plan de situatie
 Sisteme de comunicatii

LEGENDA

- INFRASTRUCTURA COMUNICATIIL
- CAMERE VIDEO
- SISTEM S.O.S.
- SISTEM S.O.S. TUNEL
- PANOURI MESAJE VARIABILE
- DETECTOARE
- STATII METEO
- SISTEME SCADA
- SISTEM TAXARE
- DETECTIE INCIDENTE



BENEFICIAR

COMPANIA NATIONALA DE AUTOSTRAZI
SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT

IPTANA S.A.

PROIECTANT DE SPECIALITATE
SISTEME DE COMUNICATII
S.C. PROTELCO S.A.
CAMPINA

INVESTITIA

AUTOSTRADA
DITRAU - TARGU NEAMT
Km 0+000 - Km 118+100

CONTRACT Nr. 92 / 58623 / 4275

FAZA DE PROIECTARE
Studiu de Fezabilitate
Sisteme de comunicatii
si infrastructura aferenta

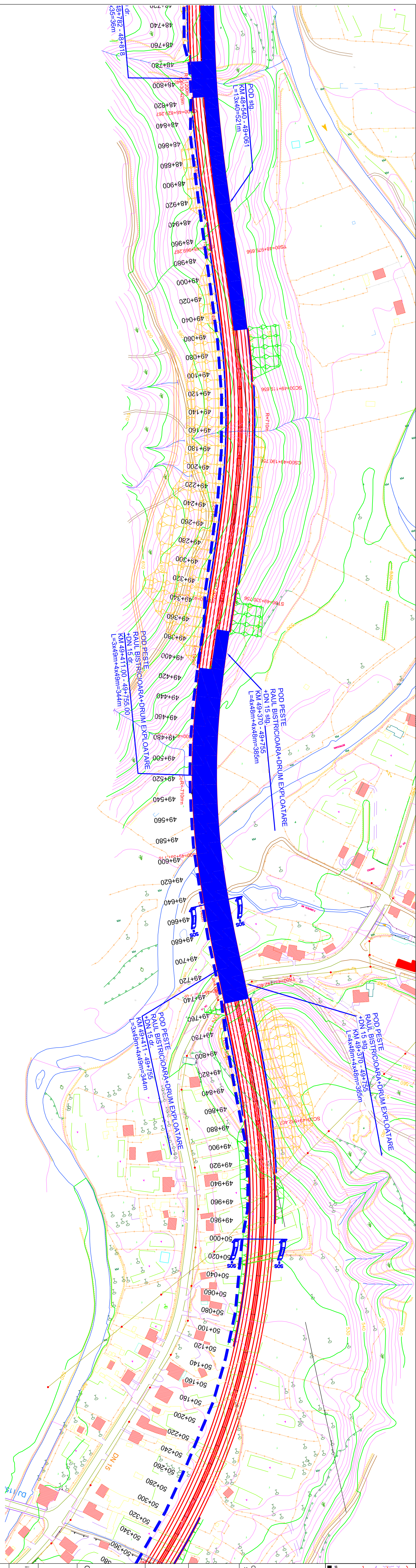
Proiectant Ing. I. Serban	Desenat Ing. M. Schiopu
Verificat Ing. C. Iin Palrasca	Ser. Proiect Ing. V. OSIMAN

LUCRARI DE DRUMURI

Scara: 1:22.000
Data: DECEMBRIE 2010

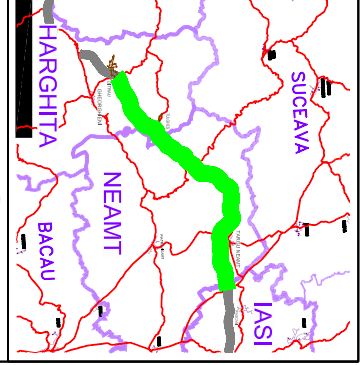
Plan de situatie
Sisteme de comunicatii

LEGENDA	
	INFRASTRUCTURA COMUNICATIIL
	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABILE
	DETECTOARE
	STATII METEO
	SISTEME SCADA
	SISTEM TAXARE
	DETECTIE INCIDENTE



LEGENDA

	INFRASTRUCTURA COMUNICATIIL		DETECTOARE
	CAMERE VIDEO		STATII METEO
	SISTEM S.O.S.		SISTEME SCADA
	SISTEM S.O.S. TUNEL		SISTEM TAXARE
	PANOURI MESAJE VARIABLE		DETECTIE INCIDENTE



BENEFICIAR

COMPANIA NATIONALA DE AUTOSTRAZI SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT

IPTANA S.A.

PROIECTANT DE SPECIALITATE SISTEME DE COMUNICATII S.C. PROTELCO S.A. CAMPINA

INVESTITIA

AUTOSTRADA DITRAU - IARGU NEAMT Km 0+000 - Km 118+100

FAZA DE PROIECTARE

Studiu de Fezabilitate Sisteme de comunicatii si infrastructura aferenta

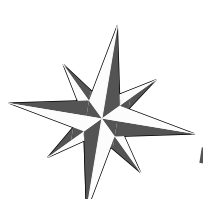
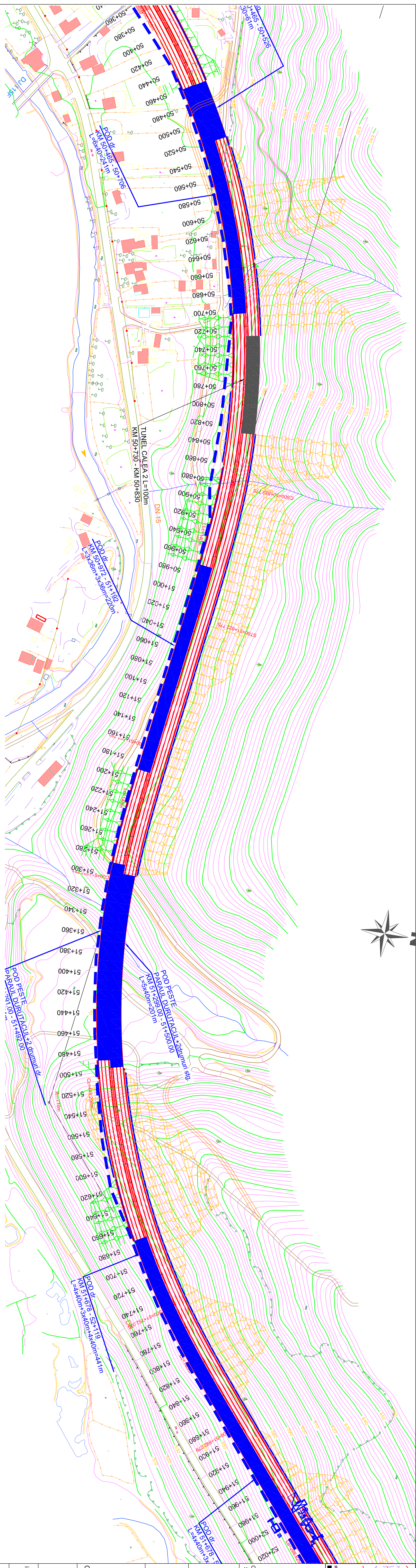
Proiectant: Ing. I. Serban
Desenat: Ing. M. Schiopu
Verificat: Ing. C. Iin Palrasca
Ser. Proiect: Ing. V. OSMAN

LUCRARI DE DRUMURI

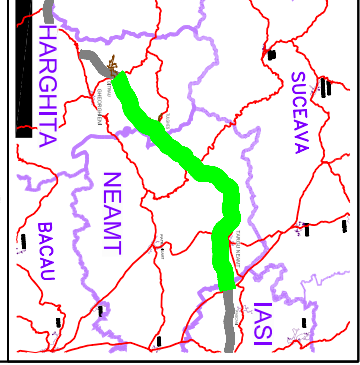
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Data: DECEMBRIE 2010

Plan de situatie Sisteme de comunicatii

Cod: IPT-SF-COM-FS-32 Rev. 0



LEGENDA	
	INFRASTRUCTURA COMUNICATIIL
	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABILE
	DETECTOARE
	STATII METEO
	SISTEME SCADA
	SISTEM TAXARE
	DETECTIE INCIDENTE



PROIECTANT
IPTANA S.A.
 S.C. PROTELCO S.A. CAMPINA

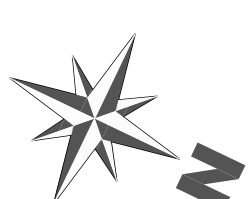
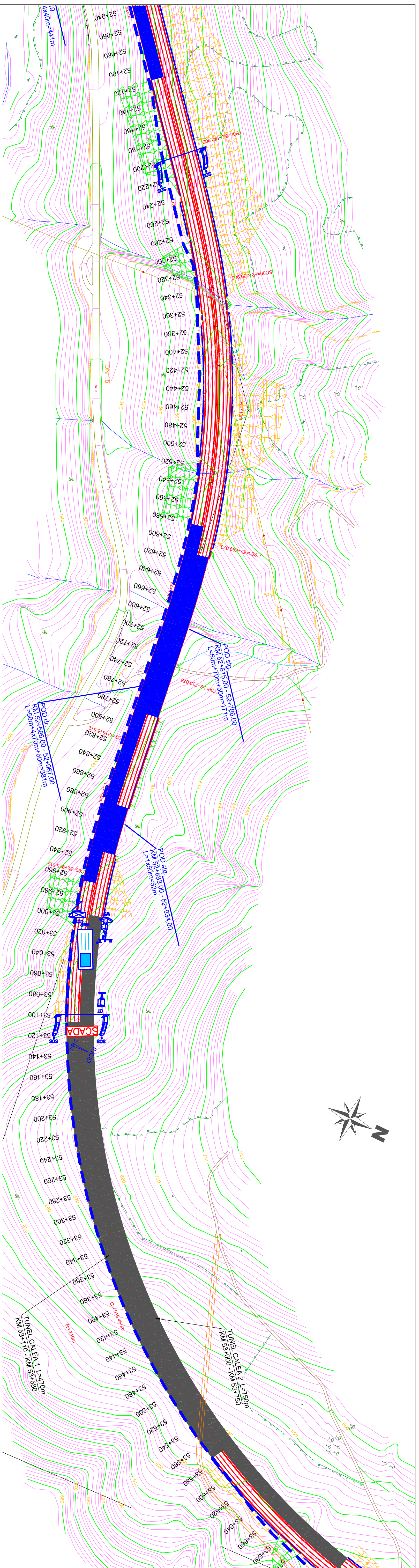
INVESTITIA
 AUTOSTRADA DITRAU -TARGU NEAMT Km 0+000 - Km 118+100

FAZA DE PROIECTARE
 Studiu de Fezabilitate si infrastructura aferenta

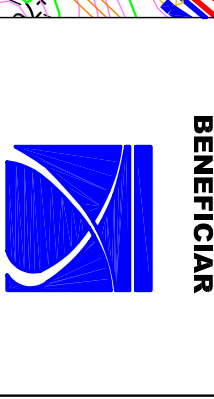
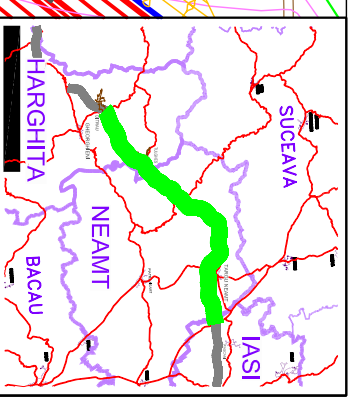
Proiectant: Ing. I. Serban
 Desenari: Ing. M. Schicpu
 Verificat: Ing. C. In. Patrascu
 Ser. Proiect: Ing. V. OSIMAN

LUCRARI DE DRUMURI
 Scara: 1:22.000
 Data: DECEMBRIE 2010

Plan de situatie
 Sisteme de comunicatii



LEGENDA	
	INFRASTRUCTURA COMUNICATIILOR
	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. - TUNEL
	PANOURI MESAJE VARIABLE
	DETECTOARE
	STATII METEO
	SISTEME SCADA
	SISTEM TAXARE
	DETECTIE INCIDENTE



BENEFICIAR
COMPANIA NATIONALA DE AUTOSTRAZI SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT
IPTANA S.A.

PROIECTANT DE SPECIALITATE
SISTEME DE COMUNICATII
S.C. PROTELCO S.A. CAMPINA

INVESTITIA
AUTOSTRADA
DITRAU - IARGU NEAMT
Km 0+000 - Km 118+100

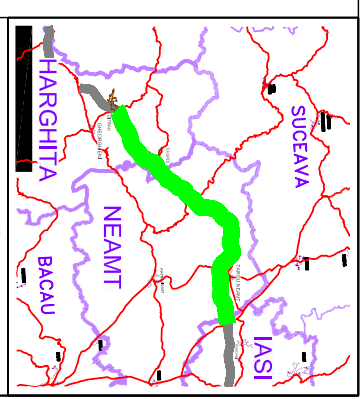
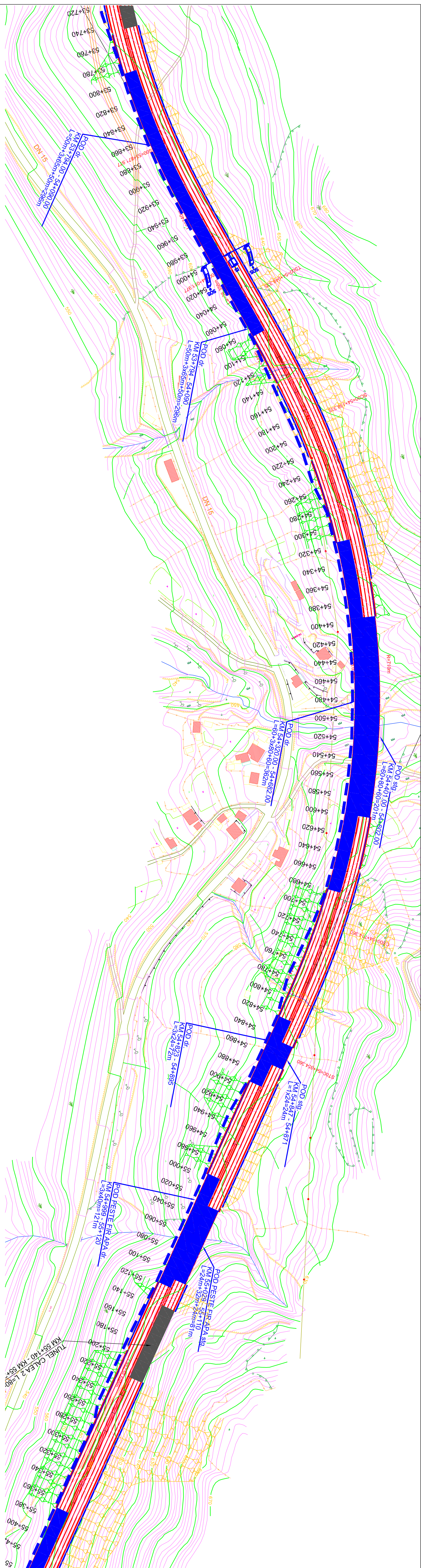
CONTRACT NR. 92 / 58623 / 4275

FAZA DE PROIECTARE
Studiu de Fezabilitate
Sisteme de comunicatii
si infrastructura aferenta

Proiectant	Ing. I. Serban	Desenat	Ing. M. Schiopu
Verificat	Ing. C. Iin Palrasca	Ser. Proiect	Ing. V. OSIMAN

LUCRARI DE DRUMURI
Scara: 1:22.000
Data: DECEMBRIE 2010

Plan de situatie
Sisteme de comunicatii



BENEFICIAR
 COMPANIA NATIONALA DE AUTOSTRAZI SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT
IPTANA S.A.

PROIECTANT DE SPECIALITATE SISTEME DE COMUNICATII
S.C. PROTELCO S.A. CAMPINA

INVESTITIA
 AUTOSTRADA
 DITRAU - TARGU NEAMT
 Km 0+000 - Km 118+100

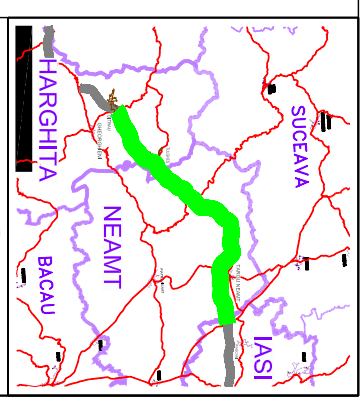
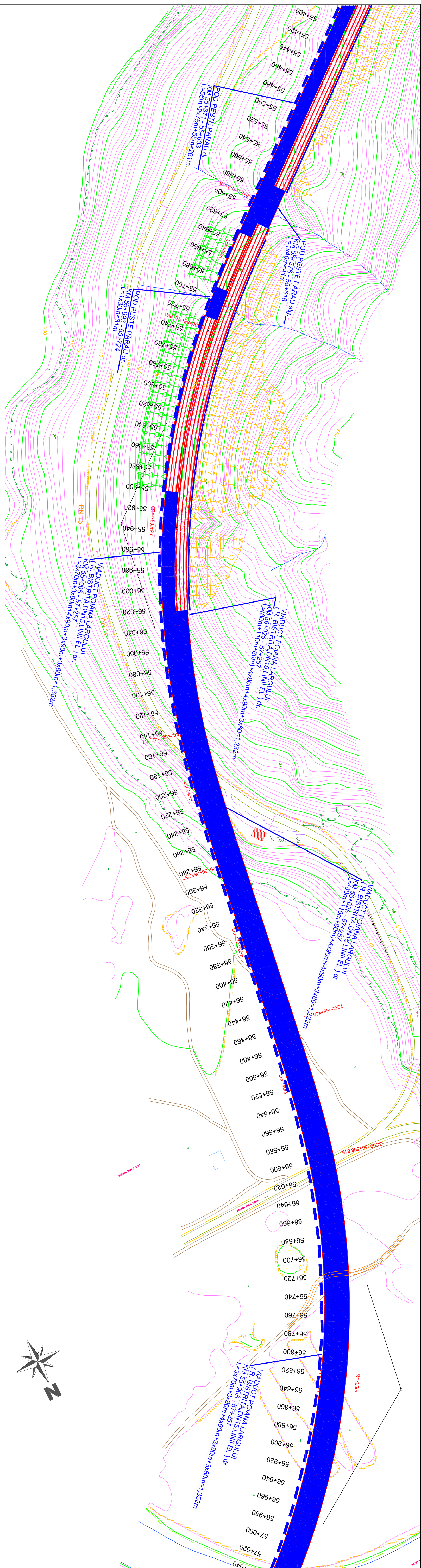
FAZA DE PROIECTARE
 Studiu de Fezabilitate
 Sisteme de comunicatii
 si infrastructura aferenta

CONTRACT Nr. 92 / 58623 / 4275

Proiectant	Ing. I. Serban	Desenat	Ing. M. Schiopu
Verificat	Ing. C. Iin Patrasca	Seif Proiect	Ing. V. OSIMAN

LUCRARI DE DRUMURI
 Scara: 1:2.000
 Data: DECEMBRIE 2010

Plan de situatie
 Sisteme de comunicatii



BENEFICIAR

COMPANIA NATIONALA DE AUTOSTRAZI
SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT

IPTANA S.A.

PROIECTANT DE SPECIALITATE
SISTEME DE COMUNICATII
S.C. PROTELCO S.A.
CAMPINA

INVESTITIA

AUTOSTRADA
DITRAU - IARGU NEAMT
Km 0+000 - Km 118+100

CONTRACT NR.: 92 / 58623 / 4275

FAZA DE PROIECTARE

Studiu de Fezabilitate
Sisteme de comunicatii
si infrastructura aferenta

Proiectat: Ingt. I. Serban
Desenat: Ingt. M. Schiopu
Verificat: Ingt. C. Iin Paltrascu
Sef Proiect: Ingt. V. OSIMAN

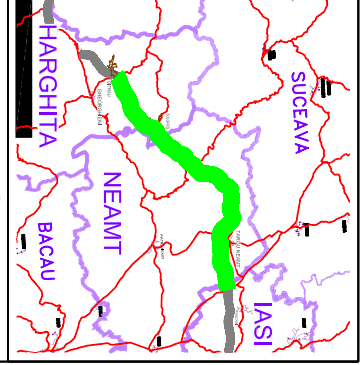
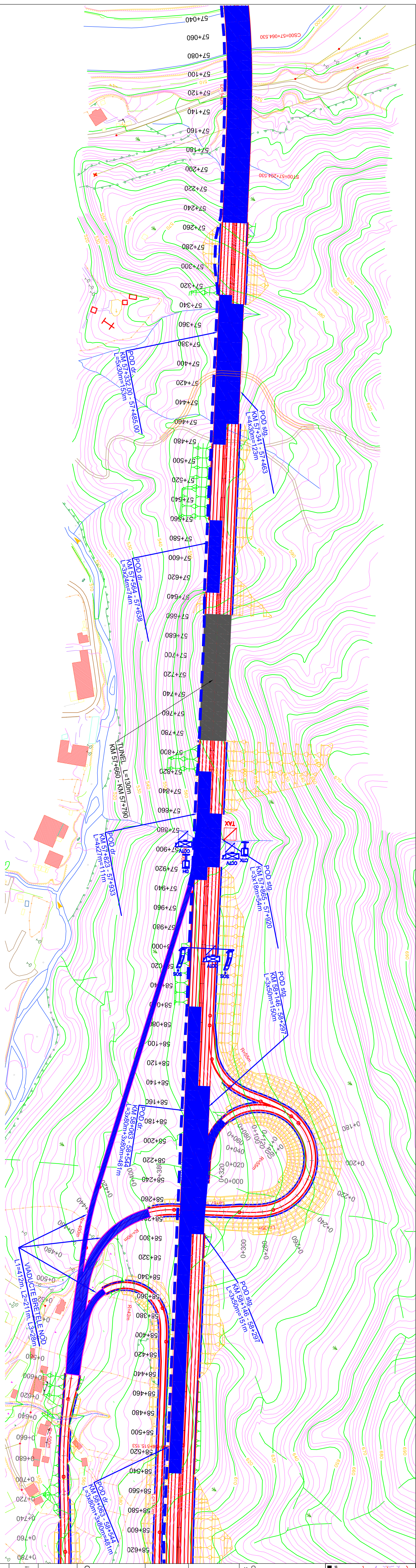
LUCRARI DE DRUMURI

Scara: 1:22.000
Data: DECEMBRIE 2010

LEGENDA	
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	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABILE
	DETECTOARE
	STATII METEO
	SISTEME SCADA
	SISTEM TAXARE
	DETECTIE INCIDENTE

Plan de situatie
Sisteme de comunicatii

Cod: IPT-SF-COM-FS-36
Rev. 0



PROIECTANT
IPTANA S.A.

PROIECTANT DE SPECIALITATE
SISTEME DE COMUNICATII
S.C. PROTELCO S.A.
CAMPINA

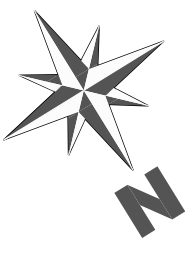
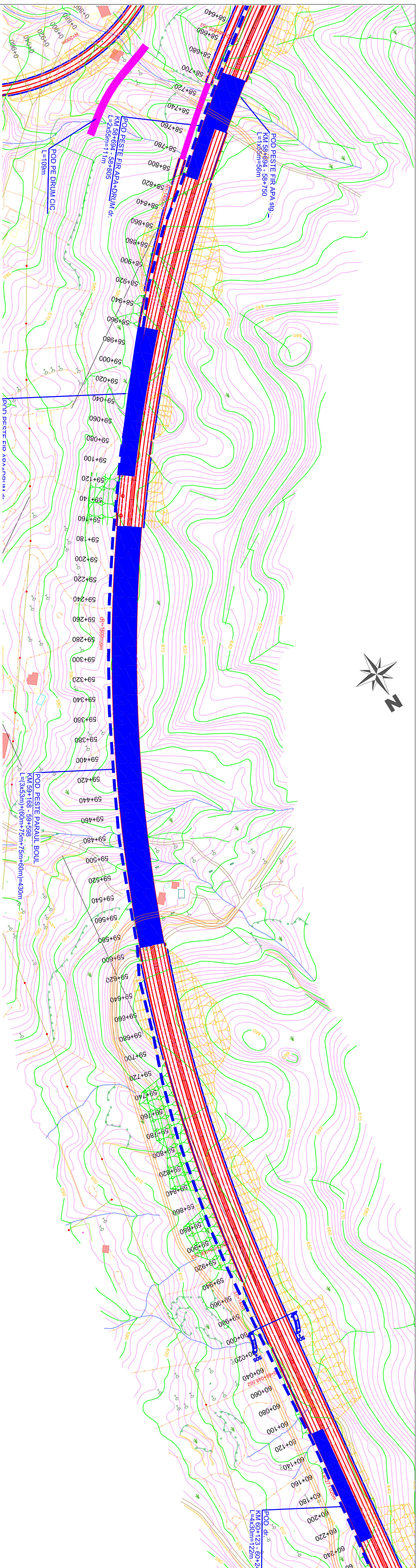
INVESTITIA
AUTOSTRADA
DITRAU - IARGU NEAMT
Km 0+000 - Km 118+100

FAZA DE PROIECTARE
Studiu de Fezabilitate
Sisteme de comunicatii
si infrastructura aferenta

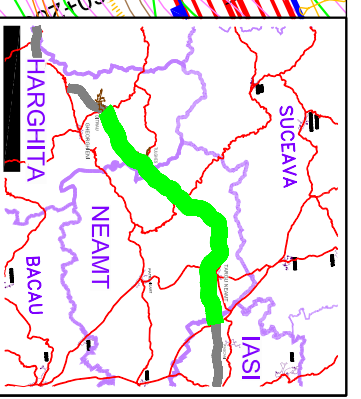
Proiectat	Ing. I. Serban	Desenat	Ing. M. Schicpu
Verificat	Ing. C. Iin Patrasca	Seif Proiect	Ing. V. OSIMAN

LUCRARI DE DRUMURI
Scara: 1:22.000
Data: DECEMBRIE 2010

Plan de situatie
Sisteme de comunicatii



LEGENDA	
	INFRASTRUCTURA COMUNICATIIL
	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABLE
	DETECTOARE
	STATII METEO
	SISTEME SCADA
	SISTEM TAXARE
	DETECTIE INCIDENTE



BENEFICIAR
IPTANA S.A.

PROIECTANT
 S.C. PROTTELGO S.A.
 CAMPINA

INVESTITIA
 AUTOSTRADA
 DITRAU -TARGU NEAMT
 Km 0+000 - Km 118+100

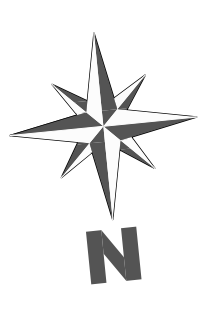
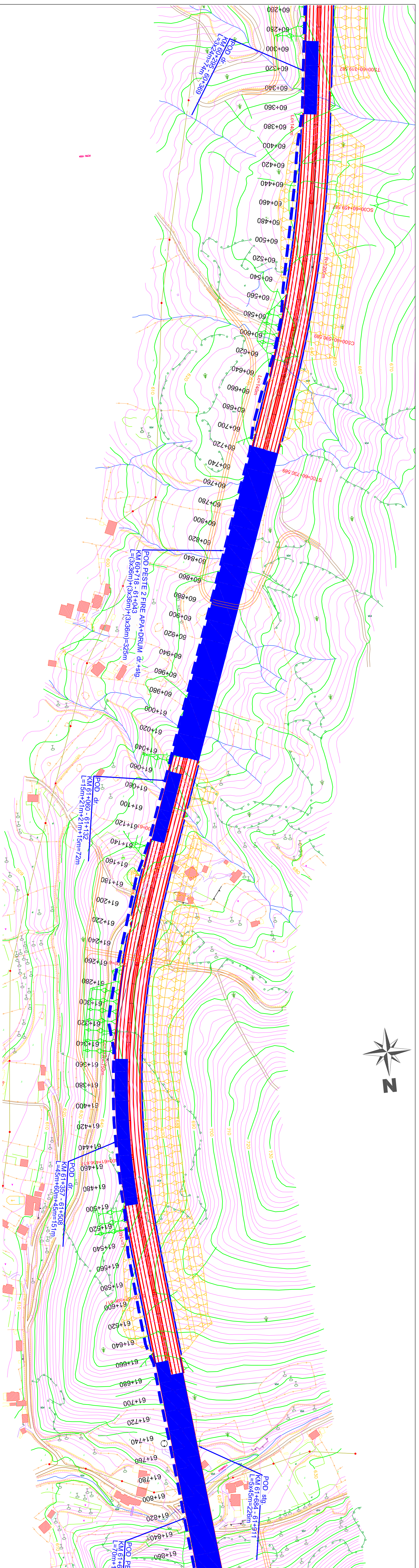
FAZA DE PROIECTARE
 Studiu de Fezabilitate
 Sisteme de comunicatii
 si infrastructura aferenta

CONTRACT NR. 92 / 58623 / 4275

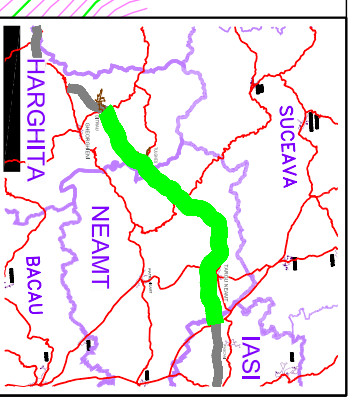
Proiectant	Desenat
Ing. I. Serban	Ing. M. Schepu
Verificat	Ser. Proiect
Ing. C. Iin Patrasca	Ing. V. OSIMAN

LUCRARI DE DRUMURI
 Scara: 1:22.000
 Data: DECEMBRIE 2010

Plan de situatie
 Sisteme de comunicatii



LEGENDA	
	INFRASTRUCTURA COMUNICATIIL
	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABLE
	DETECTOARE
	STATII METEO
	SISTEME SCADA
	SISTEM TAXARE
	DETECTIE INCIDENTE



BENEFICIAR

COMPANIA NATIONALA DE AUTOSTRAZI
SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT

IPTANA S.A.

PROIECTANT DE SPECIALITATE
SISTEME DE COMUNICATII
S.C. PROTELCO S.A.
CAMPINA

INVESTITIA

AUTOSTRADA
DITRAU - TARGU NEAMT
Km 0+000 - Km 118+100

CONTRACT NR. 92 / 58623 / 4275

FAZA DE PROIECTARE

Studiu de Fezabilitate
Sisteme de comunicatii
si infrastructura aferenta

Proiectat	Ing. I. Serban	Desenat	Ing. M. Schicpu
Verificat	Ing. C. Iin Palrasca	Seif Proiect	Ing. V. OSIMAN

LUCRARI DE DRUMURI

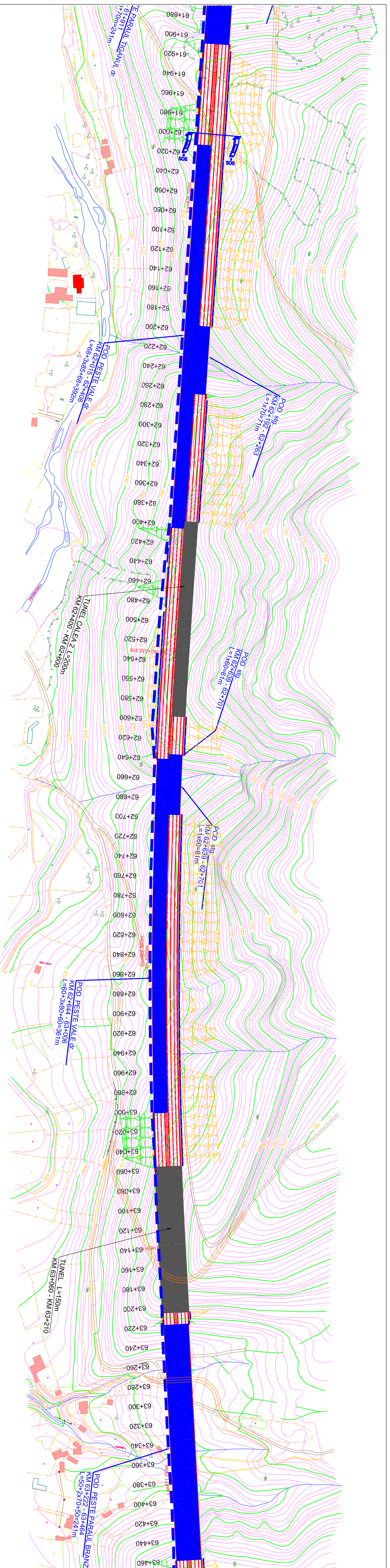
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Data: DECEMBRIE 2010

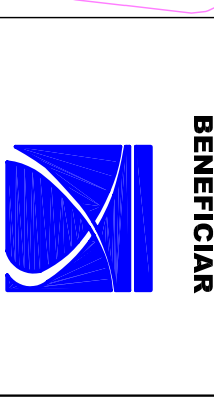
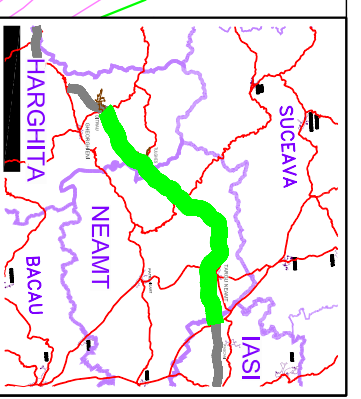
Plan de situatie
Sisteme de comunicatii

Cod: IPT-SF-COM-FS-39

Rev. 0



LEGENDA	
	INFRASTRUCTURA COMUNICATIIL
	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABLE
	DETECTOARE
	STATII METEO
	SISTEME SCADA
	SISTEM TAXARE
	DETECTIE INCIDENTE



BENEFICIAR
 COMPANIA NATIONALA DE AUTOSTRAZI
 SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT
IPTANA S.A.

PROIECTANT DE SPECIALITATE
 SISTEME DE COMUNICATII
 S.C. PROTELCO S.A.
 CAMPINA

INVESTITIA
 AUTOSTRADA
 DITRAU - IARGU NEAMT
 Km 0+000 - Km 118+100

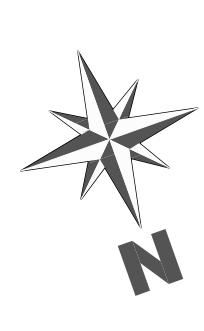
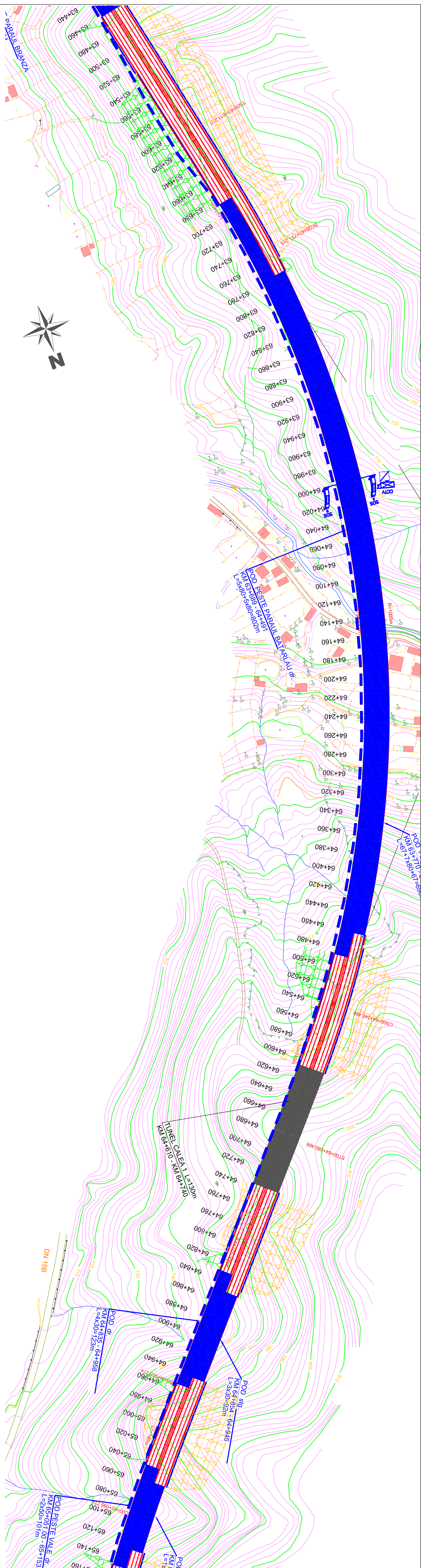
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FAZA DE PROIECTARE
 Studiu de Fezabilitate
 Sistem de comunicatii
 si infrastructura aferenta

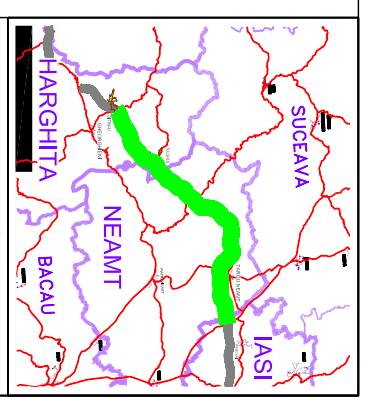
Proiectat	Ing. I. Serban	Desenat	Ing. M. Schiopu
Verificat	Ing. C. Iin Patrasca	Ser. Proiect	Ing. V. OSIMAN

LUCRARI DE DRUMURI
 Scara: 1:2.000
 Data: DECEMBRIE 2010

Plan de situatie
 Sisteme de comunicatii



LEGENDA	
	INFRASTRUCTURA COMUNICATIIL
	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABLE
	DETECTOARE
	STATII METEO
	SISTEME SCADA
	SISTEM TAXARE
	DETECTIE INCIDENTE



BENEFICIAR
 COMPANIA NATIONALA DE AUTOSTRAZI
 SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT
IPTANA S.A.

PROIECTANT DE SPECIALITATE
 SISTEME DE COMUNICATII
S.C. PROTELCO S.A.
 CAMPINA

INVESTITIA
 AUTOSTRADA
 DITRAU -TARGU NEAMT
 Km 0+000 - Km 118+100

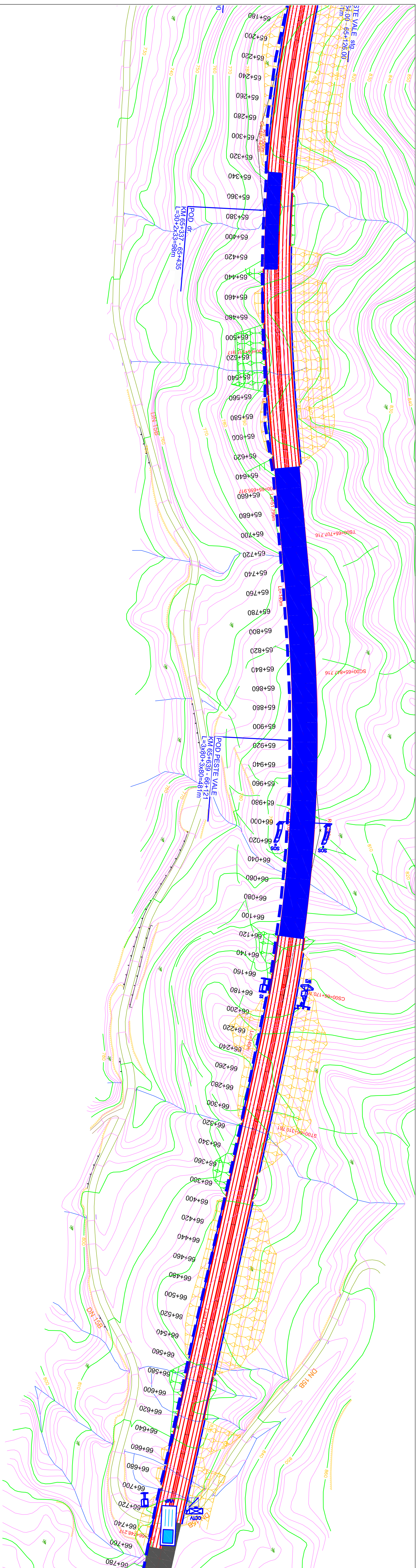
CONTRACT NR. 92 / 58623 / 4275

FAZA DE PROIECTARE
 Studiu de Fezabilitate
 Sisteme de comunicatii
 si infrastructura aferenta

Proiectat	Ing. I. Serban	Desenat	Ing. M. Schicpu
Verificat	Ing. C. Iin Patrasca	Seif Proiect	Ing. V. OSIMAN

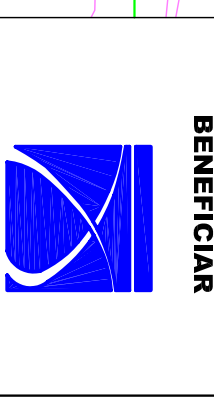
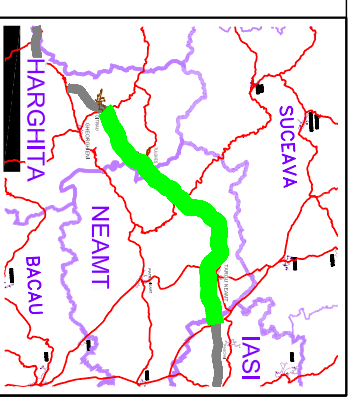
LUCRARI DE DRUMURI
 Scara: 1:22.000
 Data: DECEMBRIE 2010

Plan de situatie
 Sisteme de comunicatii



LEGENDA

	INFRASTRUCTURA COMUNICATIIL		DETECTOARE
	CAMERE VIDEO		STATII METEO
	SISTEM S.O.S.		SISTEME SCADA
	SISTEM S.O.S. TUNEL		SISTEM TAXARE
	PANOURI MESAJE VARIABLE		DETECTIE INCIDENTE



BENEFICIAR
IPTANA S.A.

PROIECTANT
 COMPANIA NATIONALA DE AUTOSTRAZI SI DRUMURI NATIONALE DIN ROMANIA

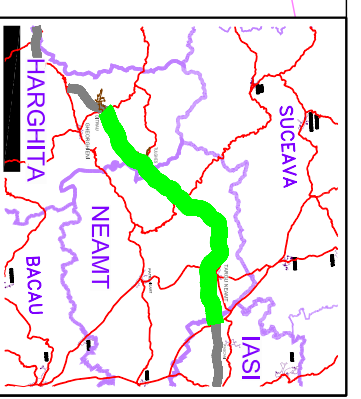
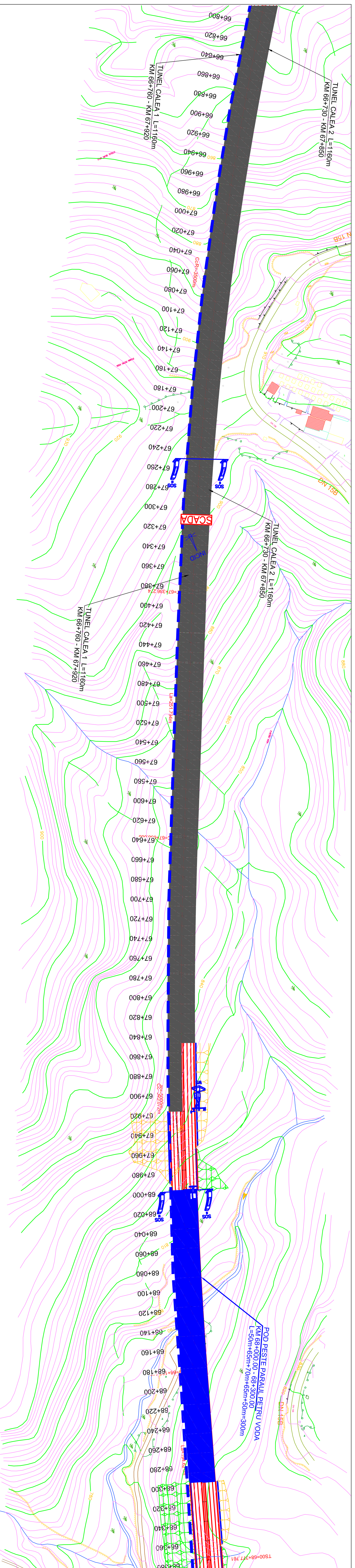
INVESTITIA
 AUTOSTRADA
 DITRAU - IARGU NEAMT
 Km 0+000 - Km 118+100

FAZA DE PROIECTARE
 Studiu de Fezabilitate
 Sisteme de comunicatii
 si infrastructura aferenta

Proiectant: Ing. I. Serban
 Desenat: Ing. M. Schiopu
 Verificat: Ing. C. Iin Palrasca
 Ser. Proiect: Ing. V. OSIMAN

LUCRARI DE DRUMURI
 Scara: 1:22.000
 Data: DECEMBRIE 2010

Plan de situatie
 Sisteme de comunicatii



BENEFICIAR

PROIECTANT

COMPANIA NATIONALA DE AUTOSTRAZI
SI DRUMURI NATIONALE DIN ROMANIA

IPTANA S.A.

PROIECTANT DE SPECIALITATE
SISTEME DE COMUNICATII
S.C. PROTELCO S.A.
CAMPINA

INVESTITIA

AUTOSTRADA
DITRAU -TARGU NEAMT
Km 0+000 - Km 118+100

FAZA DE PROIECTARE

Studiu de Fezabilitate
Sisteme de comunicatii
si infrastructura aferenta

Proiectant Ing. I. Serban	Desenat Ing. M. Schiopu
Verificat Ing. C. Iin Palrasca	Ser. Proiect Ing. V. OSIMAN

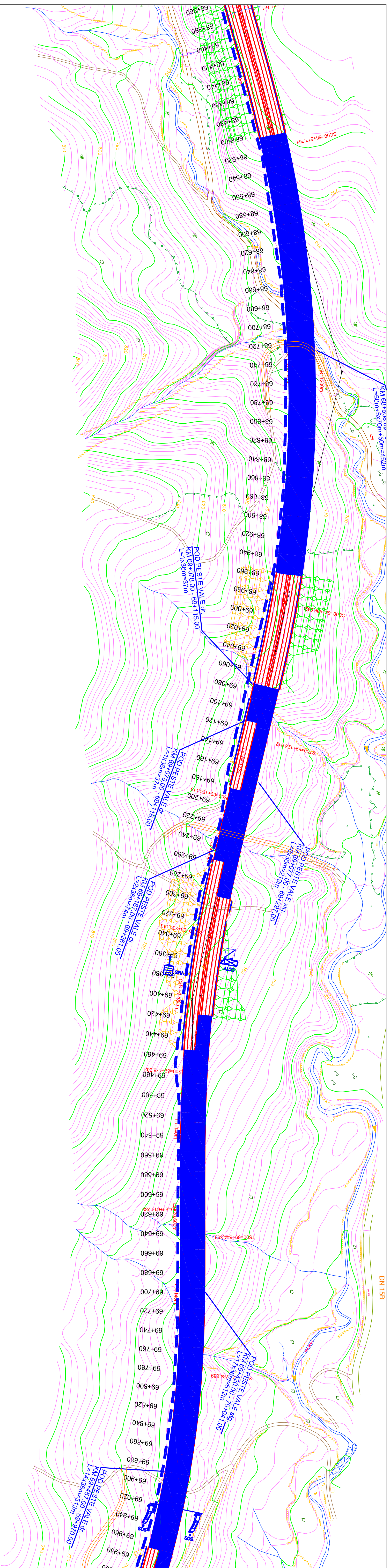
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|--|--------------------------------|--|--------------------|
| | INFRASTRUCTURA
COMUNICATIIL | | DETECTOARE |
| | CAMERE VIDEO | | STATII METEO |
| | SISTEM S.O.S. | | SISTEME SCADA |
| | SISTEM S.O.S. TUNEL | | SISTEM TAXARE |
| | PANOURI MESAJE
VARIABLE | | DETECTIE INCIDENTE |

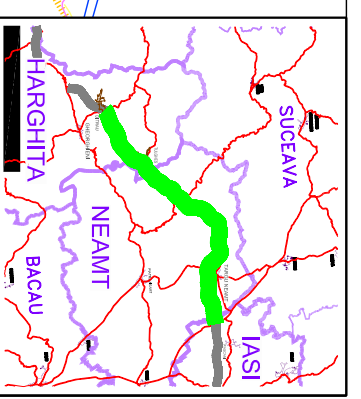
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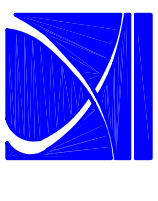
Plan de situatie
Sisteme de comunicatii



DN 158



BENEFICIAR



COMPANIA NATIONALA DE AUTOSTRAZI
SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT



PROIECTANT DE SPECIALITATE
SISTEME DE COMUNICATII
S.C. PROTELCO S.A.
CAMPINA

INVESTITIA

AUTOSTRADA
DITRAU -TARGU NEAMT
Km 0+000 - Km 118+100

CONTRACT NR. 92 / 58623 / 4275

FAZA DE PROIECTARE
Studiu de Fezabilitate
Sisteme de comunicatii
si infrastructura aferenta

Proiectat	Ing. I. Serban	Desenat	Ing. M. Schiopu
Verificat	Ing. C. Iin Palrasca	Ser. Proiect	Ing. V. OSIMAN

LUCRARI DE DRUMURI

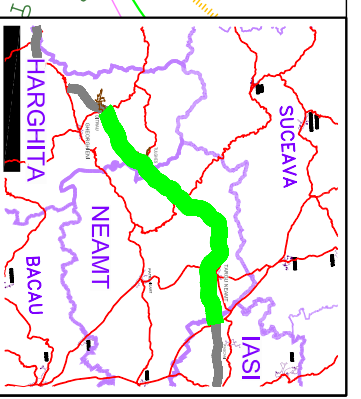
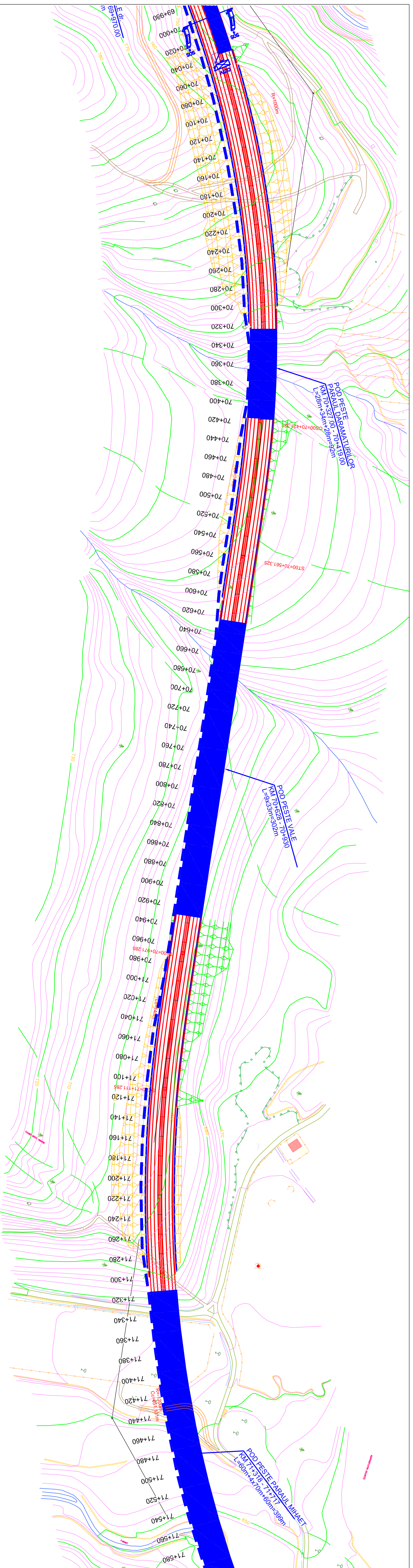
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Plan de situatie
Sisteme de comunicatii

Cod: IPT-SF-COM-FS-4
Rev. 0

LEGENDA

	INFRASTRUCTURA COMUNICATIIL		DETECTOARE
	CAMERE VIDEO		STATII METEO
	SISTEM S.O.S.		SISTEME SCADA
	SISTEM S.O.S. TUNEL		SISTEM TAXARE
	PANOURI MESAJE VARIABILE		DETECTIE INCIDENTE



BENEFICIAR
 COMPANIA NATIONALA DE AUTOSTRAZI
 SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT
IPTANA S.A.
 PROIECTANT DE SPECIALITATE
 SISTEME DE COMUNICATII
 S.C. PROTELCO S.A.
 CAMPINA

INVESTITIA
 AUTOSTRADA
 DITRAU - TARGU NEAMT
 Km 0+000 - Km 118+100

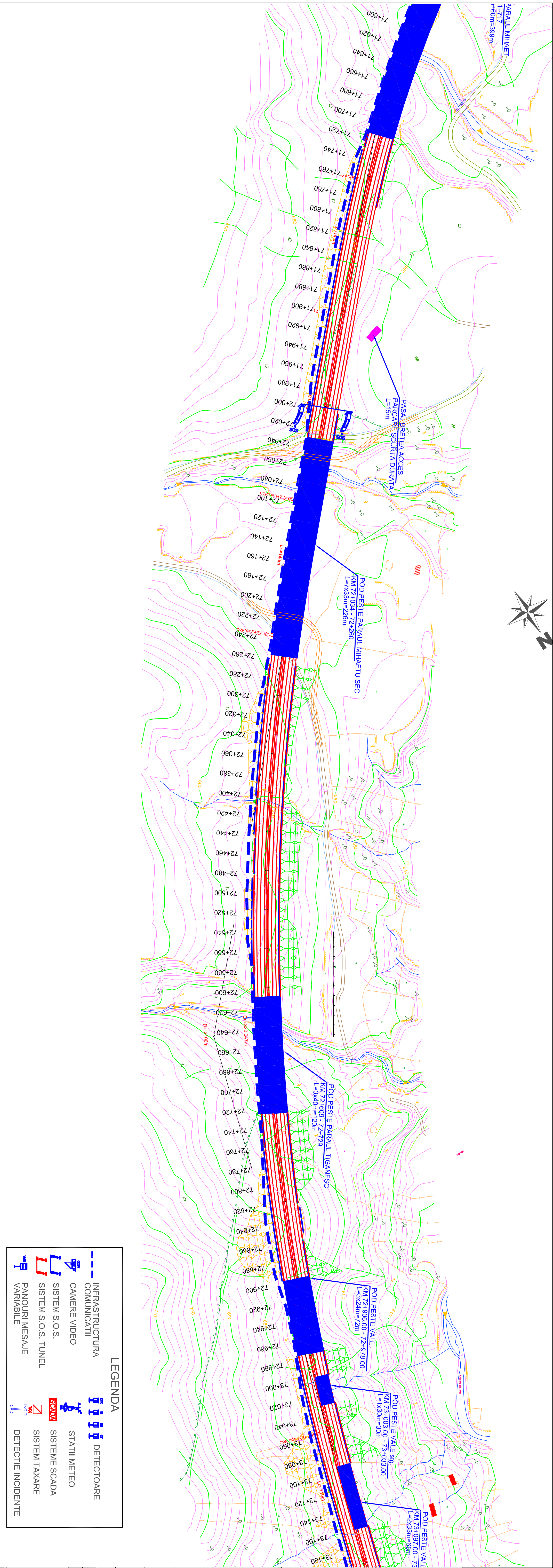
FAZA DE PROIECTARE
 Studiu de Fezabilitate
 Sisteme de comunicatii
 si infrastructura aferenta

Proiectat	Desenat
Ing. I. Serban	Ing. M. Schiopu
Verificat	Sef Proiect
Ing. C. Iin Patrasca	Ing. V. OSIMAN

LUCRARI DE DRUMURI
 Scara: 1:22.000
 Data: DECEMBRIE 2010

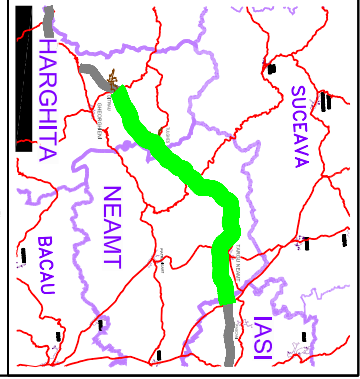
Plan de situatie
 Sisteme de comunicatii

LEGENDA	
	INFRASTRUCTURA COMUNICATIILOR
	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABLE
	DETECTOARE
	STATII METEO
	SISTEME SCADA
	SISTEM TAXARE
	DETECTIE INCIDENTE



LEGENDA

	INFRASTRUCTURA COMUNICATIIL		DETECTOARE
	CAMERE VIDEO		STATII METEO
	SISTEM S.O.S.		SISTEME SCADA
	SISTEM S.O.S. TUNEL		SISTEM TAXARE
	PANOURI MESAJE VARIABILE		DETECTIE INCIDENTE



BENEFICIAR

PROIECTANT

COMPANIA NATIONALA DE AUTOSTRAZI SI DRUMURI NATIONALE DIN ROMANIA

IPTANA S.A.

PROIECTANT DE SPECIALITATE SISTEME DE COMUNICATII S.C. PROTTELCO S.A. CAMPINA

INVESTITIA

AUTOSTRADA DITRAU -TARGU NEAMT Km 0+000 - Km 118+100

CONTRACT NR. 92 / 58623 / 4275

FAZA DE PROIECTARE

Studiu de Fezabilitate Sisteme de comunicatii si infrastructura aferenta

Proiectat	Ing. I. Serban	Desenat	Ing. M. Schiopu
Verificat	Ing. C. Iin Patrasca	Ser. Proiect	Ing. V. OSMAN

LUCRARI DE DRUMURI

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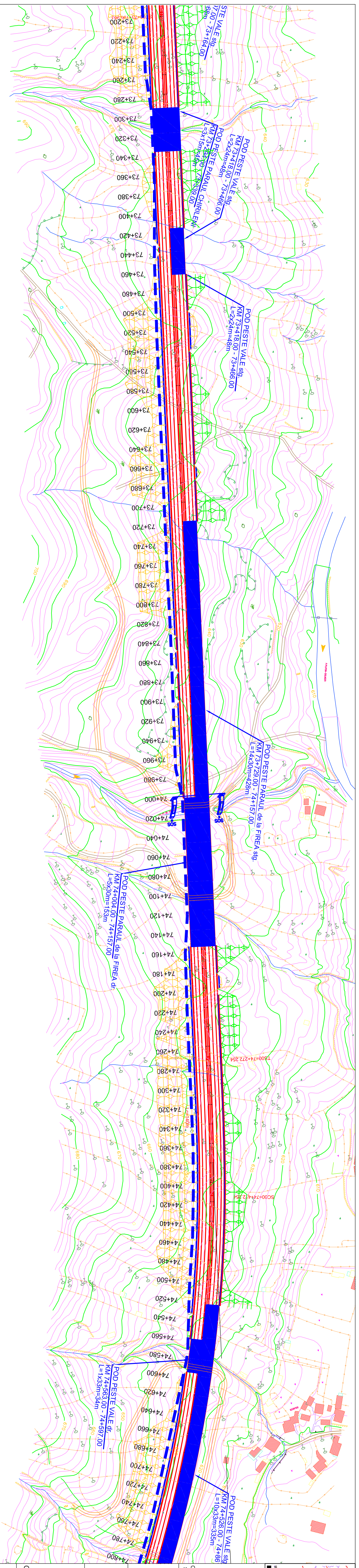
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Plan de situatie

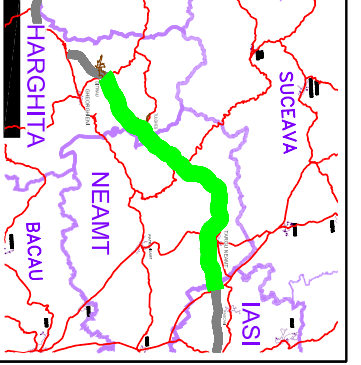
Sisteme de comunicatii

Cod: IPT-SF-COM-FS-46

Rev. 0



LEGENDA	
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	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABILE
	DETECTOARE
	STATII METEO
	SISTEME SCADA
	SISTEM TAXARE
	DETECTIE INCIDENTE



COMPANIA NATIONALA DE AUTOSTRAZI SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT
IPTANA S.A.

PROIECTANT DE SPECIALITATE
SISTEME DE COMUNICATII
S.C. PROTELCO S.A.
CAMPINA

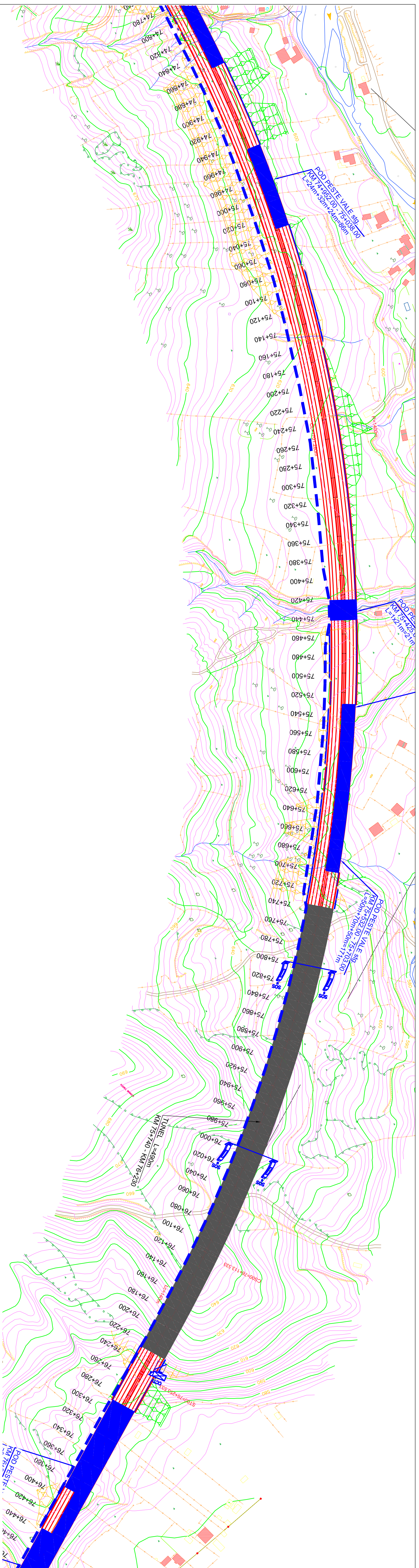
INVESTITIA
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 DITRAU - TARGU NEAMT
 Km 0+000 - Km 118+100

CONTRACT Nr. 92 / 58623 / 4275
FAZA DE PROIECTARE
 Studiu de Fezabilitate
 Sisteme de comunicatii
 si infrastructura aferenta

Proiectant	Desenat
Ing. I. Serban	Ing. M. Schiopu
Verificat	Seif Proiect
Ing. C. Iin Palrasca	Ing. V. OSIMAN

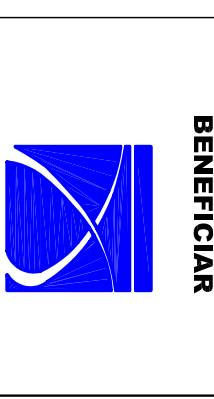
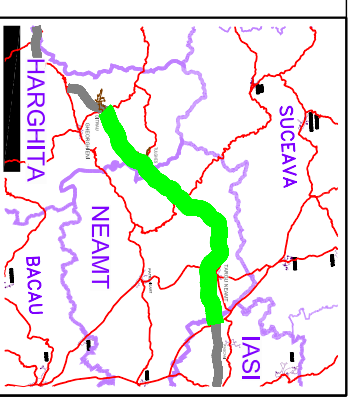
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 Data: DECEMBRIE 2010

Plan de situatie
 Sisteme de comunicatii



LEGENDA

	INFRASTRUCTURA COMUNICATIIL		DETECTOARE
	CAMERE VIDEO		STATII METEO
	SISTEM S.O.S.		SISTEME SCADA
	SISTEM S.O.S. TUNEL		SISTEM TAXARE
	PANOURI MESAJE VARIABILE		DETECTIE INCIDENTE



BENEFICIAR
IPTANA S.A.

COMPANIA NATIONALA DE AUTOSTRAZI SI DRUMURI NATIONALE DIN ROMANIA
PROIECTANT
IPTANA S.A.
 PROIECTANT DE SPECIALITATE
 SISTEME DE COMUNICATII
 S.C. PROTELCO S.A.
 CAMPINA

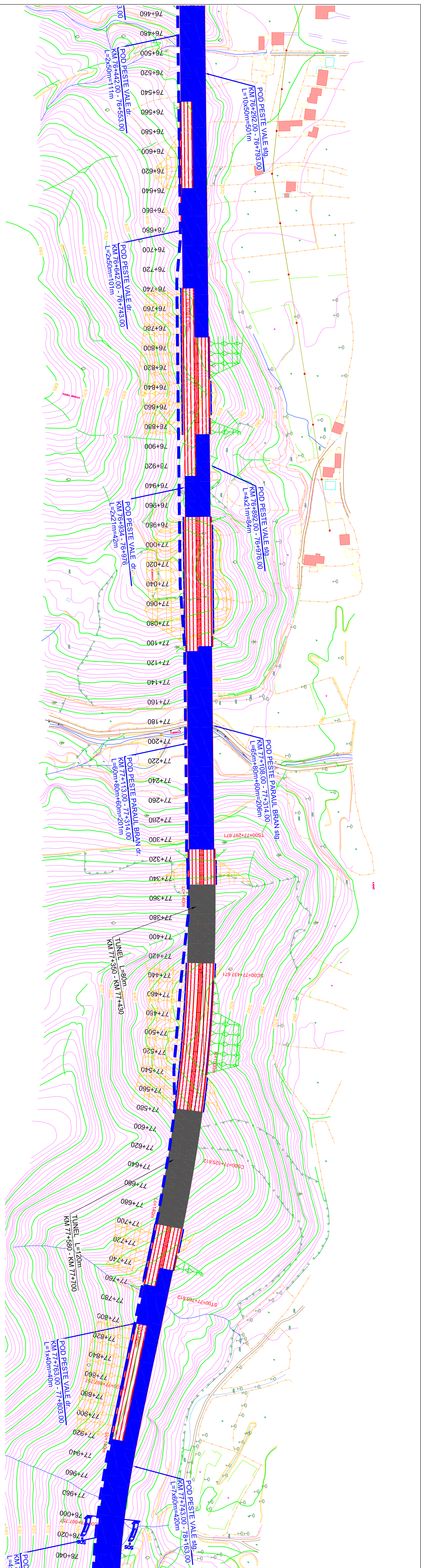
INVESTITIA
 AUTOSTRADA
 DITRAU - TARGU NEAMT
 Km 0+000 - Km 118+100

CONTRACT NR: 92 / 58623 / 4275
FAZA DE PROIECTARE
 Studiu de Fezabilitate
 Sisteme de comunicatii
 si infrastructura aferenta

Proiectat	Ing. I. Serban	Desenat	Ing. M. Schiopu
Verificat	Ing. C. Iin Palrasca	Seif Proiect	Ing. V. OSIMAN

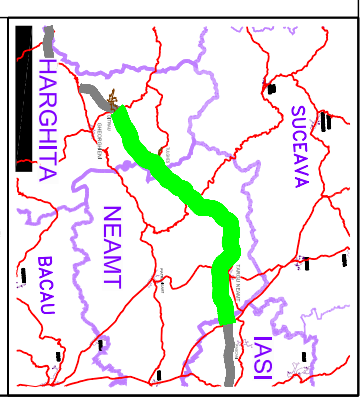
LUCRARI DE DRUMURI
 Scara: 1:2.000
 Data: DECEMBRIE 2010

Plan de situatie
 Sisteme de comunicatii
 Cod: IPT-SF-COM-FS-48
 Rev. 0



LEGENDA

	INFRASTRUCTURA COMUNICATIIL		DETECTOARE
	CAMERE VIDEO		STATII METEO
	SISTEM S.O.S.		SISTEME SCADA
	SISTEM S.O.S. TUNEL		SISTEM TAXARE
	PANOURI MESAJE VARIABLE		DETECTIE INCIDENTE



BENEFICIAR

PROIECTANT

COMPANIA NATIONALA DE AUTOSTRAZI SI DRUMURI NATIONALE DIN ROMANIA

IPTANA S.A.

PROIECTANT DE SPECIALITATE SISTEME DE COMUNICATII

INVESTITIA

AUTOSTRADA DITRAU -TARGU NEAMT Km 0+000 - Km 118+100

FAZA DE PROIECTARE

Studiu de Fezabilitate Sisteme de comunicatii si infrastructura aferenta

CONTRACT NR. 92 / 58623 / 4275

Proiectant: Ing. I. Serban
Desenat: Ing. M. Schicpu

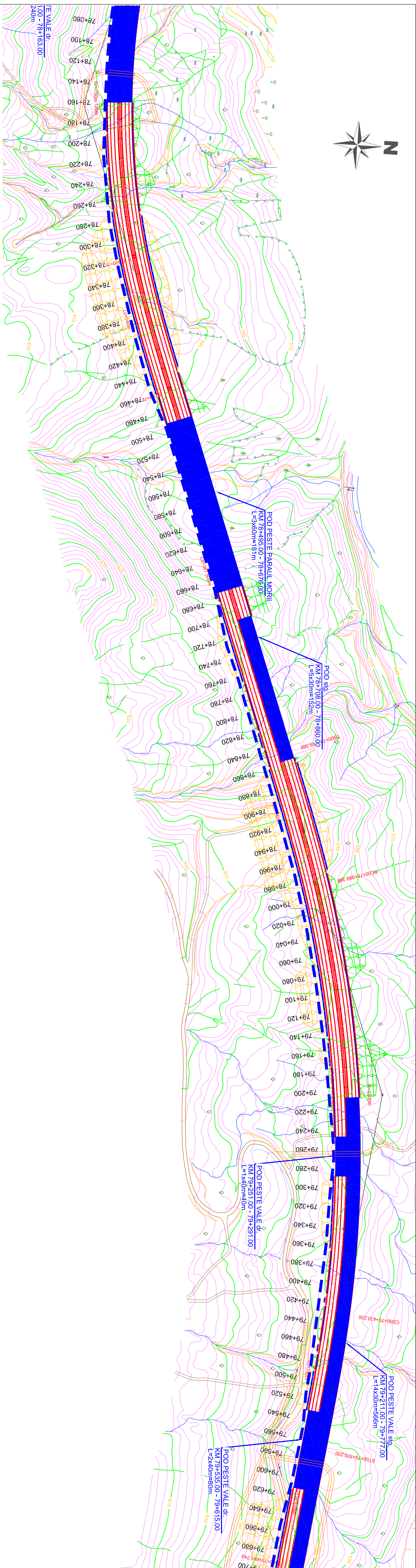
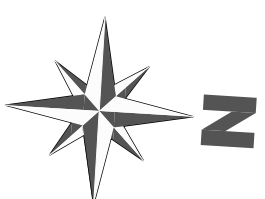
Verificat: Ing. C. Iin Patrasca
Sef Proiect: Ing. V. OSIMAN

LUCRARI DE DRUMURI

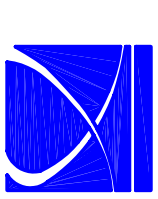
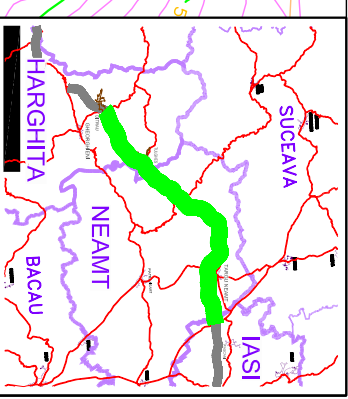
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Data: DECEMBRIE 2010

Plan de situatie
Sisteme de comunicatii

Cod: IPT-SF-COM-FS-49
Rev. 0



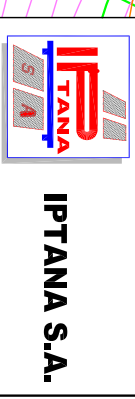
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	INFRASTRUCTURA COMUNICATIIL
	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABLE
	DETECTOARE
	STATII METEO
	SISTEME SCADA
	SISTEM TAXARE
	DETECTIE INCIDENTE



BENEFICIAR

COMPANIA NATIONALA DE AUTOSTRAZI SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT



PROIECTANT DE SPECIALITATE
SISTEME DE COMUNICATIIL
S.C. PROTELGO S.A.
CAMPINA

INVESTITIA

AUTOSTRAZDA
DITRAU -TARGU NEAMT
Km 0+000 - Km 118+100

CONTRACT NR. 92 / 58623 / 4275

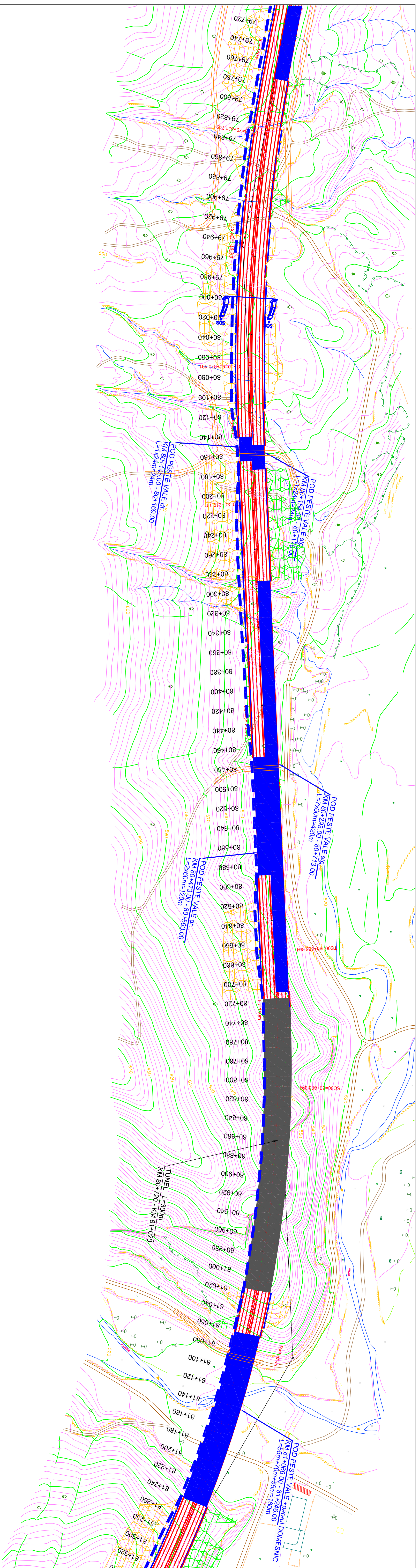
FAZA DE PROIECTARE
Studiu de Fezabilitate
Sisteme de comunicatii
si infrastructura aferenta

Proiectat	Desenat
Ing. I. Serban	Ing. M. Schiopu
Verificat	Sef Proiect
Ing. C. Iin Patrasca	Ing. V. OSIMAN

LUCRARI DE DRUMURI

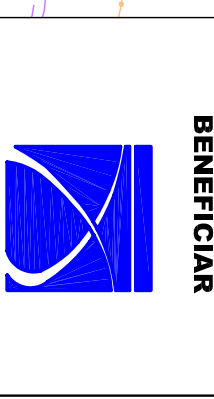
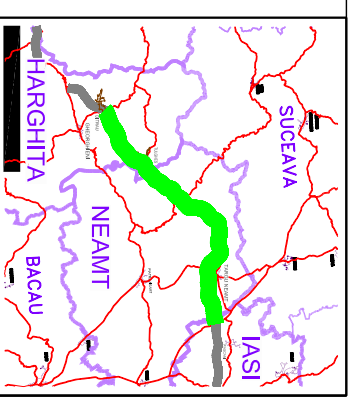
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Data: DECEMBRIE 2010

Plan de situatie
Sisteme de comunicatii



LEGENDA

	INFRASTRUCTURA COMUNICATIIL		DETECTOARE
	CAMERE VIDEO		STATII METEO
	SISTEM S.O.S.		SISTEME SCADA
	SISTEM S.O.S. TUNEL		SISTEM TAXARE
	PANOURI MESAJE VARIABLE		DETECTIE INCIDENTE



COMPANIA NATIONALA DE AUTOSTRAZI SI DRUMURI NATIONALE DIN ROMANIA

INVESTITIA
AUTOSTRAZADA
DITRAU - TARGU NEAMT
Km 0+000 - Km 118+100

CONTRACT NR. 92 / 58623 / 4275

FAZA DE PROIECTARE
Studiu de Fezabilitate
Sisteme de comunicatii
si infrastructura aferenta

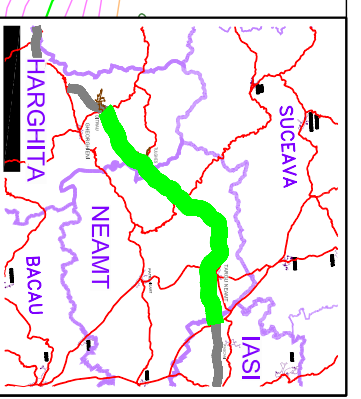
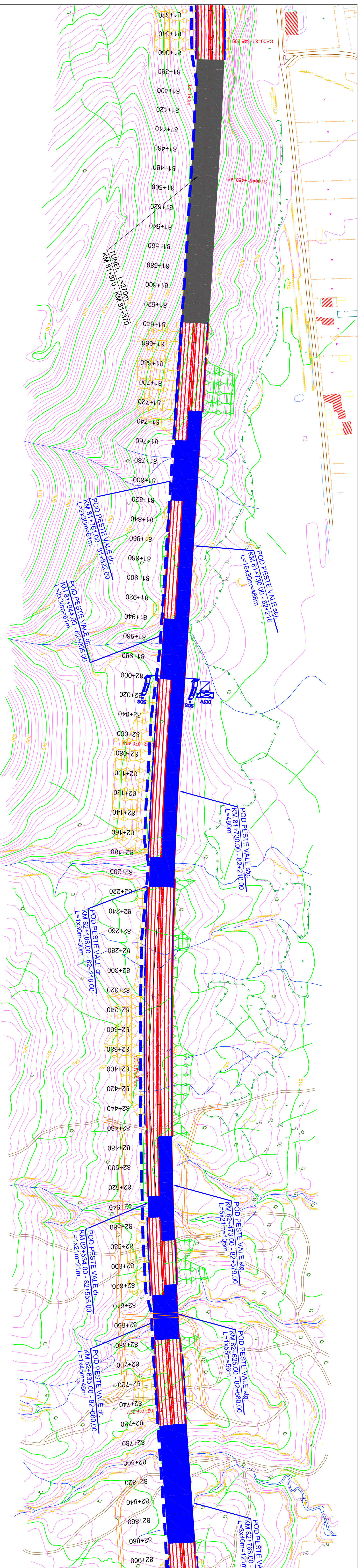
Proiectant Ing. I. Serban	Desenat Ing. M. Schiopu
Verificat Ing. C. Iin Palrasca	Seif Proiect Ing. V. OSIMAN

LUCRARI DE DRUMURI

Scara: 1:22.000
Data: DECEMBRIE 2010

Plan de situatie
Sisteme de comunicatii

Cod: IPT-SF-COM-FS-51
Rev. 0



BENEFICIAR

COMPANIA NATIONALA DE AUTOSTRAZI
SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT

IPTANA S.A.
PROIECTANT DE SPECIALITATE
SISTEME DE COMUNICATII
S.C. PROTELCO S.A.
CAMPINA

INVESTITIA

AUTOSTRADA
DITRAU -TARGU NEAMT
Km 0+000 - Km 118+100

CONTRACT NR: 92 / 58623 / 4275

FAZA DE PROIECTARE
Studiu de Fezabilitate
Sisteme de comunicatii
si infrastructura aferenta

Proiectant Ing. I. Serban	Desenat Ing. M. Schiopu
Verificat Ing. C. Iin. Patrascu	Seif Proiect Ing. V. OSIMAN

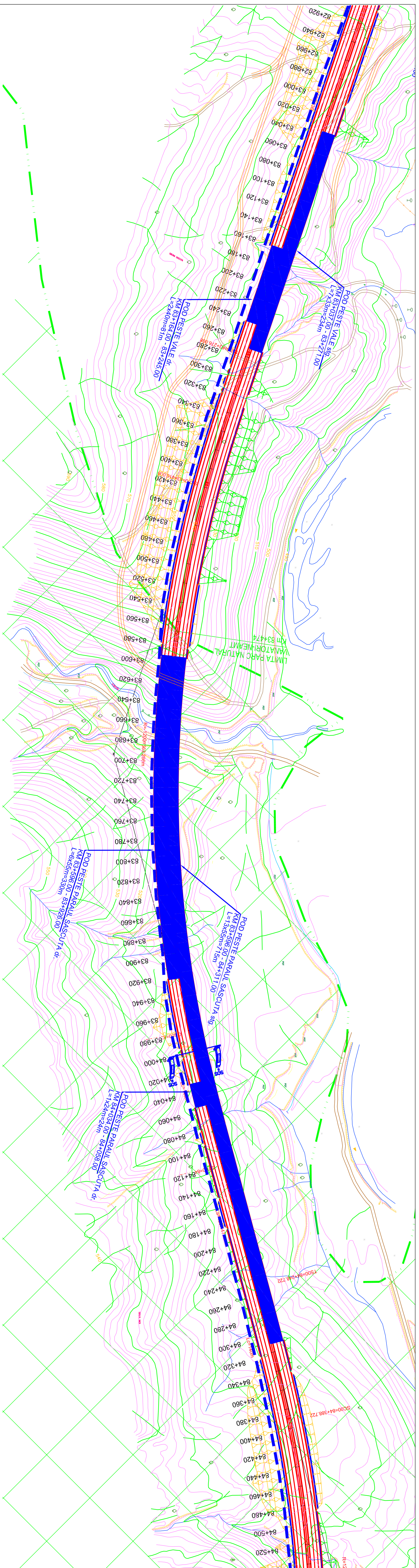
LUCRARI DE DRUMURI

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Data: DECEMBRE 2010

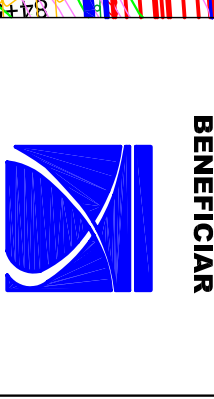
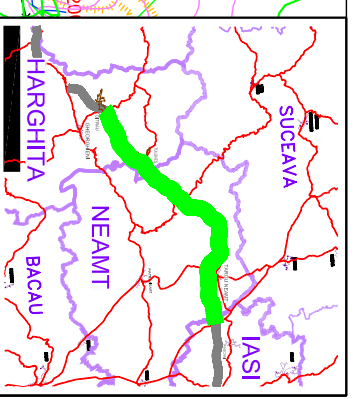
Plan de situatie
Sisteme de comunicatii

Cod: IPT-SF-COM-FS-22
Rev. 0

LEGENDA	
	INFRASTRUCTURA COMUNICATIIL
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	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABILE
	DETECTOARE
	STATII METEO
	SISTEME SCADA
	SISTEM TAXARE
	DETECTIE INCIDENTE



LEGENDA	
	INFRASTRUCTURA COMUNICATIIL
	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABLE
	DETECTOARE
	STATII METEO
	SISTEME SCADA
	SISTEM TAXARE
	DETECTIE INCIDENTE



BENEFICIAR
IPTANA S.A.

PROIECTANT
COMPANIA NATIONALA DE AUTOSTRAZI SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT DE SPECIALITATE
SISTEME DE COMUNICATII
S.C. PROTELCO S.A. CAMPINA

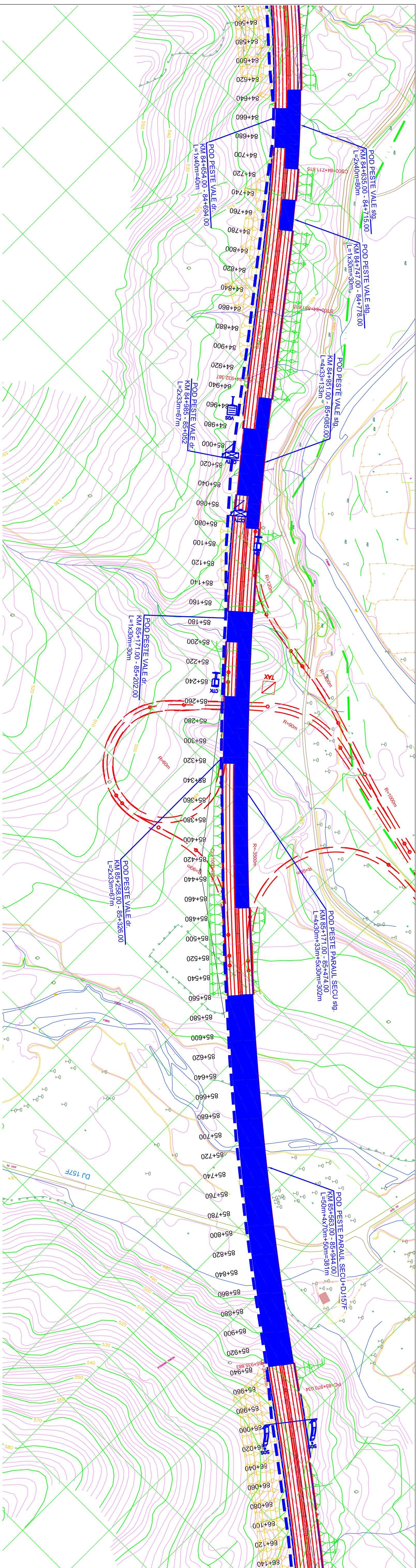
INVESTITIA
AUTOSTRADA
DITRAU -TARGU NEAMT
Km 0+000 - Km 118+100

CONTRACT NR. 92 / 58623 / 4275
FAZA DE PROIECTARE
Studiu de Fezabilitate
Sisteme de comunicatii
si infrastructura aferenta

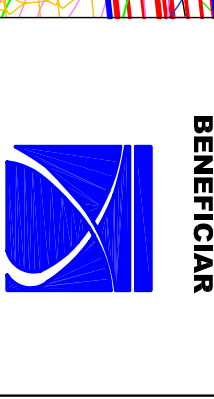
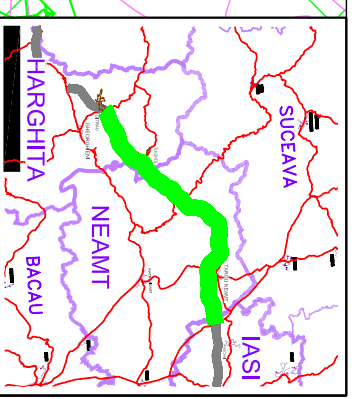
Proiectat	Ing. I. Serban	Desenat	Ing. M. Schipciu
Verificat	Ing. C. Iin Palrasca	Ser. Proiect	Ing. V. OSIMAN

LUCRARI DE DRUMURI
Scara: 1:22.000
Data: DECEMBRIE 2010

Plan de situatie
Sisteme de comunicatii



LEGENDA	
	INFRASTRUCTURA COMUNICATIIL
	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABILE
	DETECTOARE
	STATII METEO
	SISTEME SCADA
	SISTEM TAXARE
	DETECTIE INCIDENTE



PROIECTANT
IPTANA S.A.
 PROIECTANT DE SPECIALITATE
 SISTEME DE COMUNICATII
 S.C. PROTTELCO S.A.
 CAMPINA

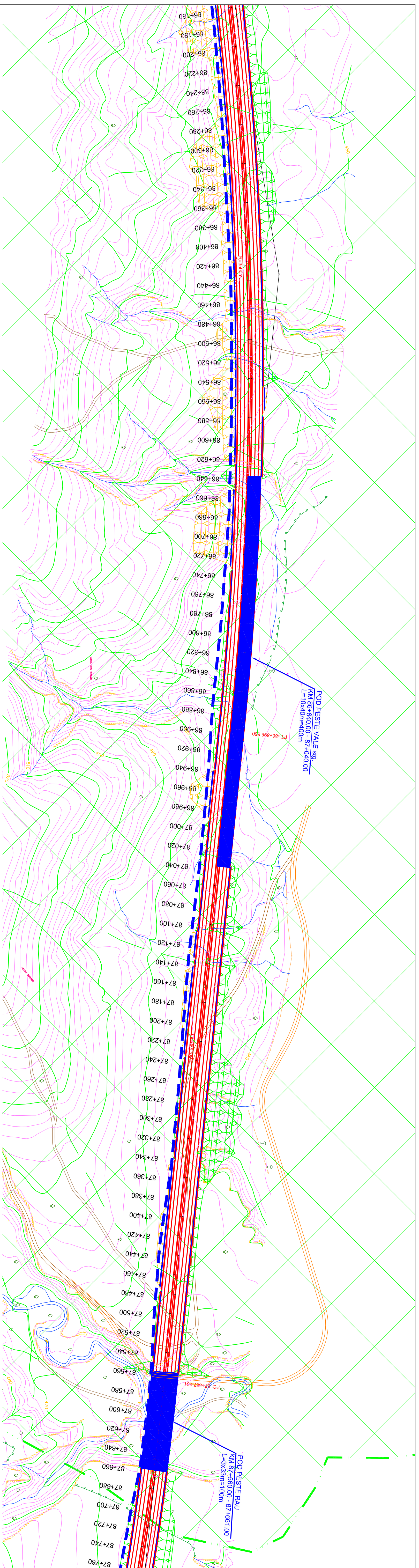
INVESTITIA
 AUTOSTRADA
 DITRAU -TARGU NEAMT
 Km 0+000 - Km 118+100
 CONTRACT Nr. 92 / 58623 / 4275

FAZA DE PROIECTARE
 Studiu de Fezabilitate
 Sisteme de comunicatii
 si infrastructura aferenta

Proiectant	Desenat
Ing. I. Serban	Ing. M. Schiopu
Verificat	Ing. V. OSMAN
Ing. C. Iin Palirascu	

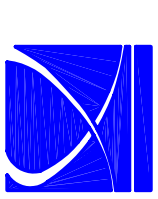
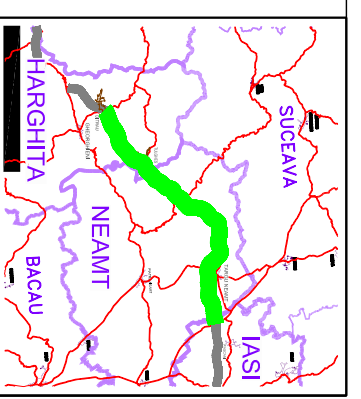
LUCRARI DE DRUMURI
 Scara: 1:22.000
 Data: DECEMBRIE 2010

Plan de situatie
 Sisteme de comunicatii
 Cod: IPT-SF-COM-FS-54
 Rev. 0



LEGENDA

	INFRASTRUCTURA COMUNICATII		DETECTOARE
	CAMERE VIDEO		STATII METEO
	SISTEM S.O.S.		SISTEME SCADA
	SISTEM S.O.S. TUNEL		SISTEM TAXARE
	PANOURI MESAJE VARIABLE		DETECTIE INCIDENTE



BENEFICIAR
 COMPANIA NATIONALA DE AUTOSTRAZI SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT
 IPTANA S.A.
 PROIECTANT DE SPECIALITATE SISTEME DE COMUNICATII S.C. PROTELCO S.A. CAMPINA

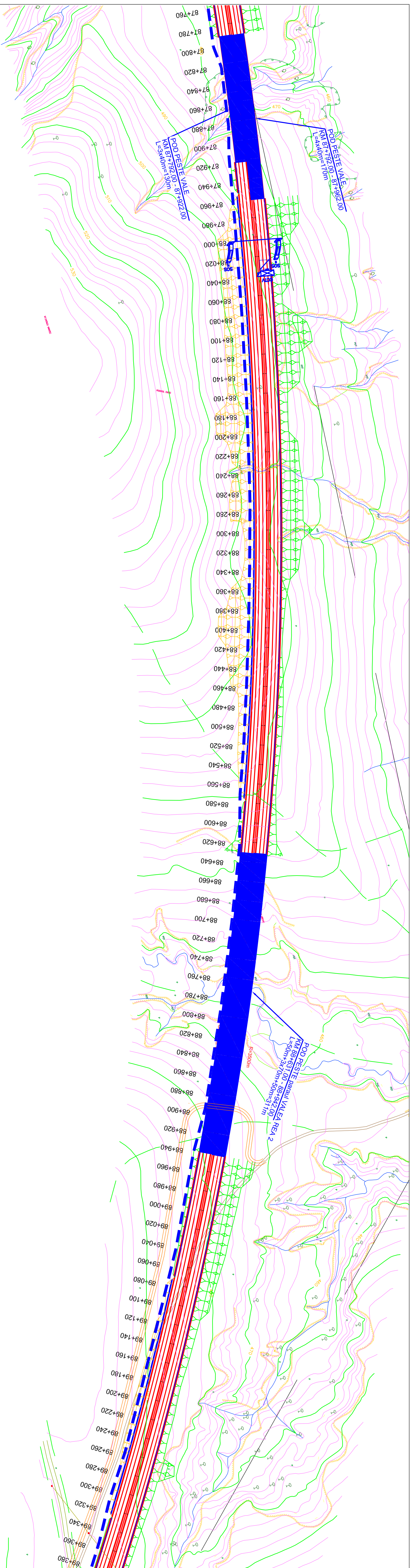
INVESTITIA
 AUTOSTRADA DITRAU-TARGU NEAMT Km 0+000 - Km 118+100
 CONTRACT NR. 92 / 58623 / 4275

FAZA DE PROIECTARE
 Studiu de Fezabilitate Sisteme de comunicatii si infrastructura aferenta

Proiectant Ing. I. Serban <i>Serban</i>	Desenat Ing. M. Schipciu <i>Schipciu</i>
Verificat Ing. C. Iin Palrasca <i>Palrasca</i>	Sef Proiect Ing. V. OSMAN <i>OSMAN</i>

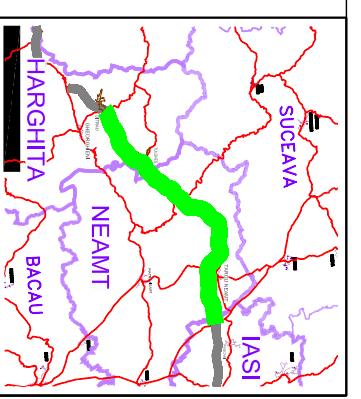
LUCRARI DE DRUMURI
 Scara: 1:22.000
 Data: DECEMBRIE 2010

Plan de situatie
 Sisteme de comunicatii
 Cod: IPT-SF-COM-FS-55
 Rev. 0



LEGENDA

	INFRASTRUCTURA COMUNICATIIL		DETECTOARE
	CAMERE VIDEO		STATII METEO
	SISTEM S.O.S.		SISTEME SCADA
	SISTEM S.O.S. TUNEL		SISTEM TAXARE
	PANOURI MESAJE VARIABLE		DETECTIE INCIDENTE



BENEFICIAR
IPTANA S.A.

COMPANIA NATIONALA DE AUTOSTRAZI SI DRUMURI NATIONALE DIN ROMANIA
PROIECTANT
IPTANA S.A.
PROIECTANT DE SPECIALITATE SISTEME DE COMUNICATII S.C. PROTELCO S.A. CAMPINA

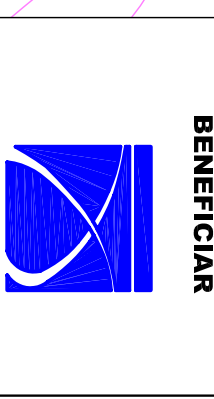
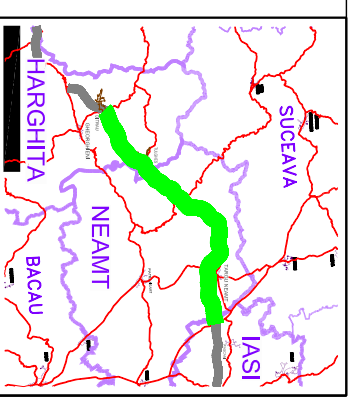
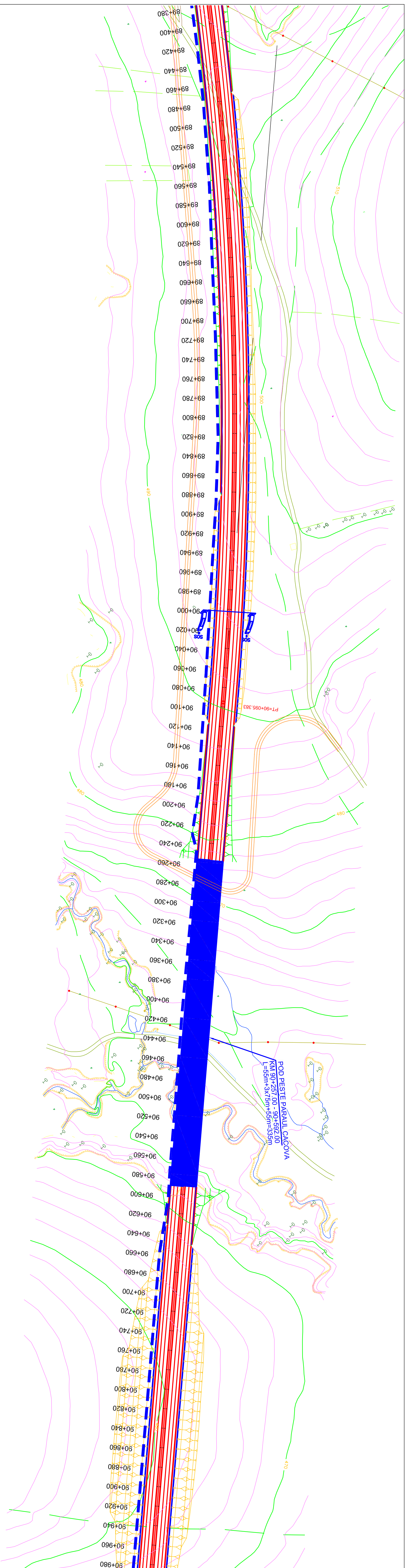
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AUTOSTRADA DITRAU -TARGU NEAMT Km 0+000 - Km 118+100

CONTRACT NR: 92 / 58623 / 4275
FAZA DE PROIECTARE
Studiu de Fezabilitate Sisteme de comunicatii si infrastructura aferenta

Proiectat Ing. I. Serban	Desenat Ing. M. Schiopu
Verificat Ing. C. Iin Palrasca	Sef Proiect Ing. V. OSIMAN

LUCRARI DE DRUMURI
Scara: 1:22.000
Data: DECEMBRIE 2010

Plan de situatie Sisteme de comunicatii
Cod: IPT-SF-COM-FS-56
Rev. 0



BENEFICIAR
 COMPANIA NATIONALA DE AUTOSTRAZI
 SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT
IPTANA S.A.
 PROIECTANT DE SPECIALITATE
 SISTEME DE COMUNICATII
 S.C. PROTTELCO S.A.
 CAMPINA

INVESTITIA
 AUTOSTRADA
 DITRAU - TARGU NEAMT
 Km 0+000 - Km 118+100

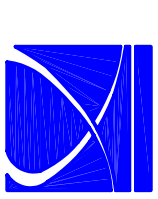
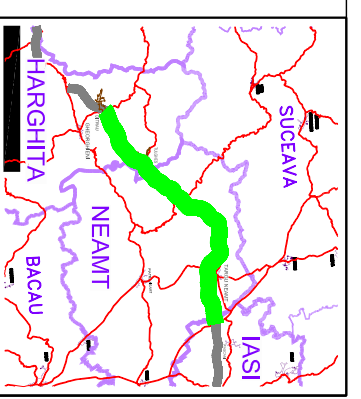
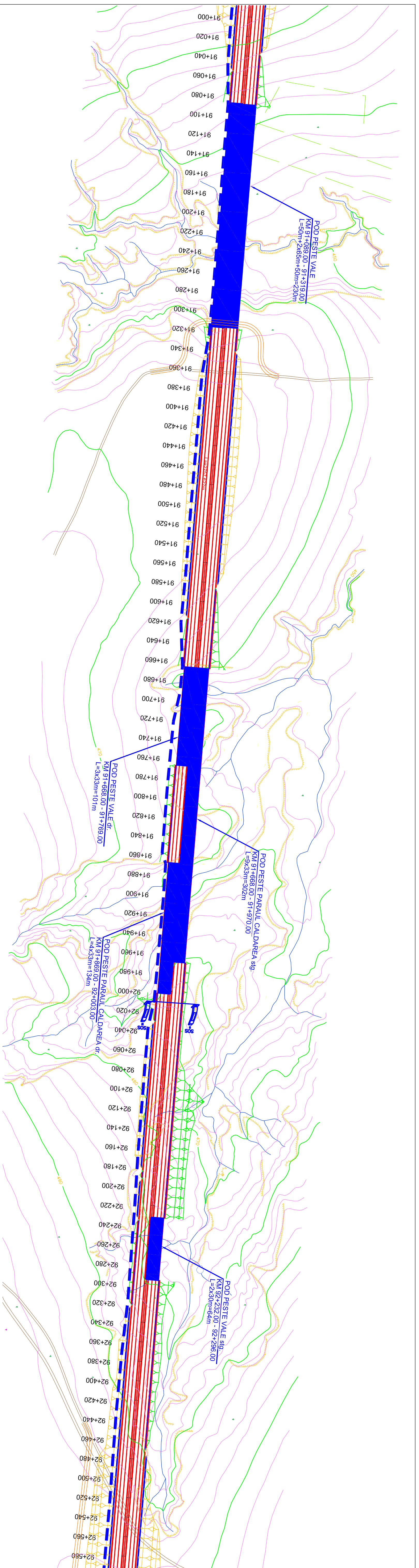
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FAZA DE PROIECTARE
 Studiu de Fezabilitate
 Sisteme de comunicatii
 si infrastructura aferenta

Proiectant Ing. I. Serban	Desenat Ing. M. Schiopu
Verificat Ing. C. Iin Palrasca	Ser. Proiect Ing. V. OSIMAN

LUCRARI DE DRUMURI
 Scara: 1:22.000
 Data: DECEMBRIE 2010

Plan de situatie
 Sisteme de comunicatii

LEGENDA	
	INFRASTRUCTURA COMUNICATIIL
	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABILE
	DETECTOARE
	STATII METEO
	SISTEME SCADA
	SISTEM TAXARE
	DETECTIE INCIDENTE



BENEFICIAR
 COMPANIA NATIONALA DE AUTOSTRAZI
 SI DRUMURI NATIONALE DIN ROMANIA

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 CAMPINA

INVESTITIA
 AUTOSTRADA
 DITRAU -TARGU NEAMT
 Km 0+000 - Km 118+100

CONTRACT Nr. 92 / 58623 / 4275

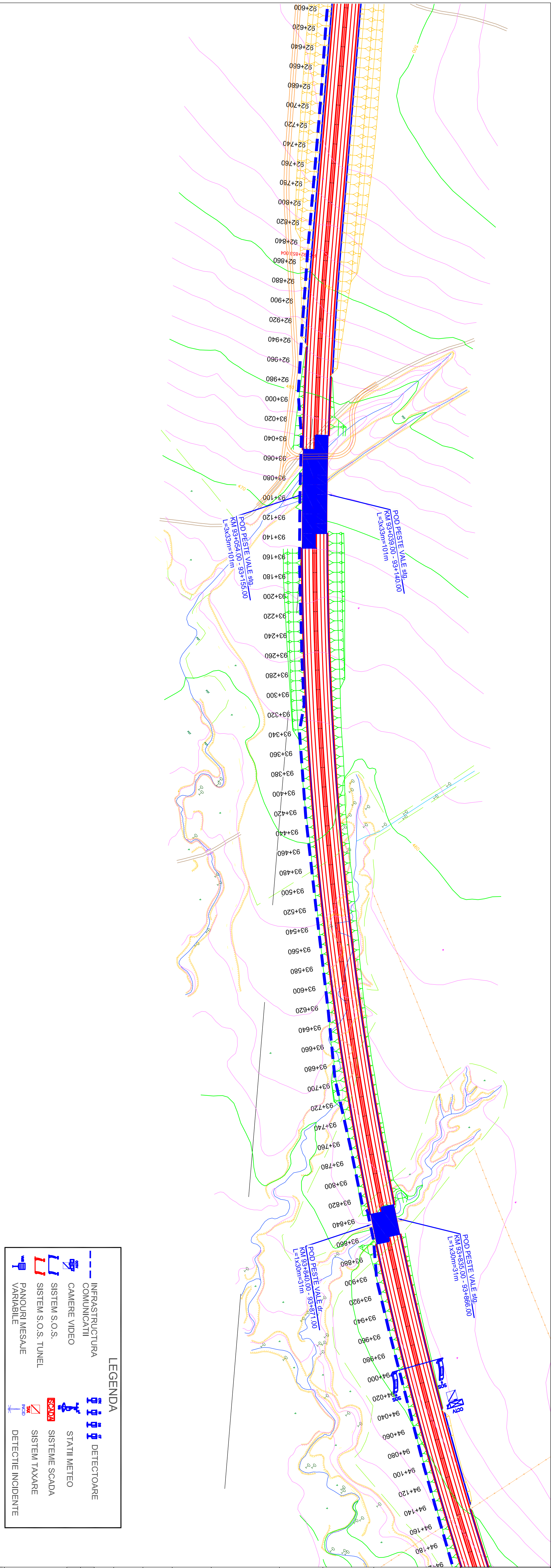
FAZA DE PROIECTARE
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 Sisteme de comunicatii
 si infrastructura aferenta

Proiectant Ing. I. Serban	Desenat Ing. M. Schiopu
Verificat Ing. C. Iin Palirascu	Ser. Proiect Ing. V. OSIMAN

LUCRARI DE DRUMURI
 Scara: 1:22.000
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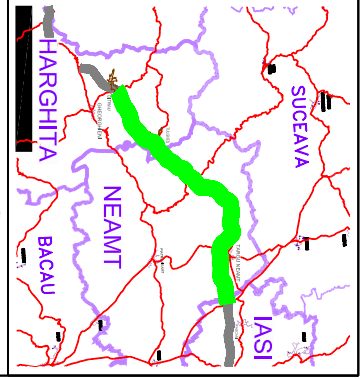
Plan de situatie
 Sisteme de comunicatii

LEGENDA	
	INFRASTRUCTURA COMUNICATIILOR
	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABLE
	DETECTOARE
	STATII METEO
	SISTEME SCADA
	SISTEM TAXARE
	DETECTIE INCIDENTE



LEGENDA

	INFRASTRUCTURA COMUNICATIIL		DETECTOARE
	CAMERE VIDEO		STATII METEO
	SISTEM S.O.S.		SISTEME SCADA
	SISTEM S.O.S. TUNEL		SISTEM TAXARE
	PANOURI MESAJE VARIABILE		DETECTIE INCIDENTE



BENEFICIAR

COMPANIA NATIONALA DE AUTOSTRAZI SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT

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CONTRACT NR: 92 / 58623 / 4275

FAZA DE PROIECTARE

Studiu de Fezabilitate Sisteme de comunicatii si infrastructura aferenta

Proiectant	Desenat
Ing. I. Serban	Ing. M. Schiopu
Verificat	Seif Proiect
Ing. C. In. Patrascu	Ing. V. OSIMAN

LUCRARI DE DRUMURI

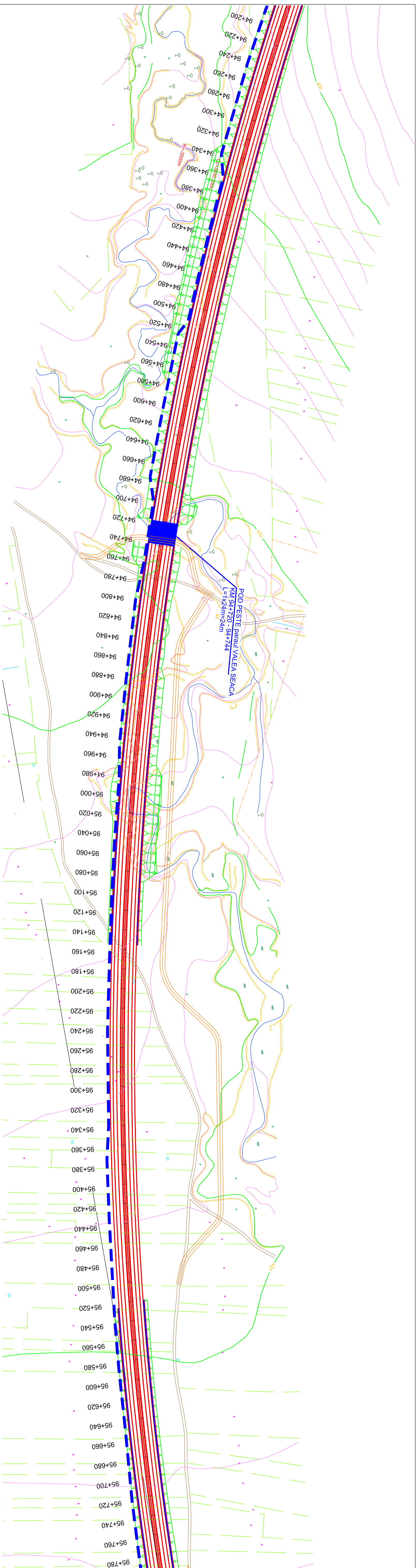
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Plan de situatie Sisteme de comunicatii

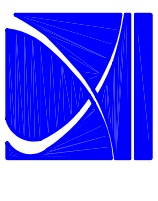
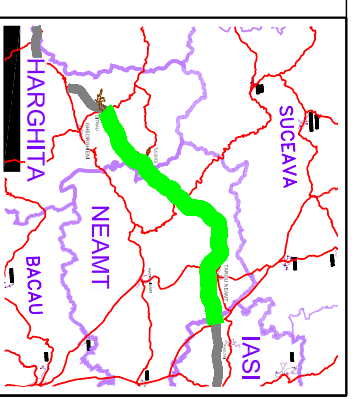
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LEGENDA

	INFRASTRUCTURA COMUNICATIIL		DETECTOARE
	CAMERE VIDEO		STATII METEO
	SISTEM S.O.S.		SISTEME SCADA
	SISTEM S.O.S. TUNEL		SISTEM TAXARE
	PANOURI MESAJE VARIABLE		DETECTIE INCIDENTE



COMPANIA NATIONALA DE AUTOSTRAZI SI DRUMURI NATIONALE DIN ROMANIA

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CAMPINA

INVESTITIA

AUTOSTRADA
DITRAU -TARGU NEAMT
Km 0+000 - Km 118+100

CONTRACT NR: 92 / 58623 / 4275

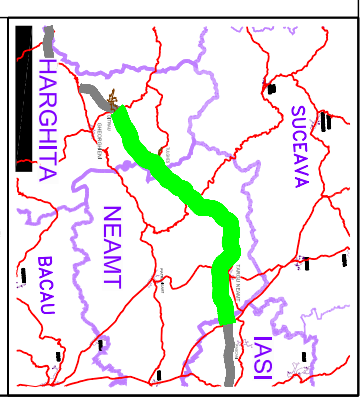
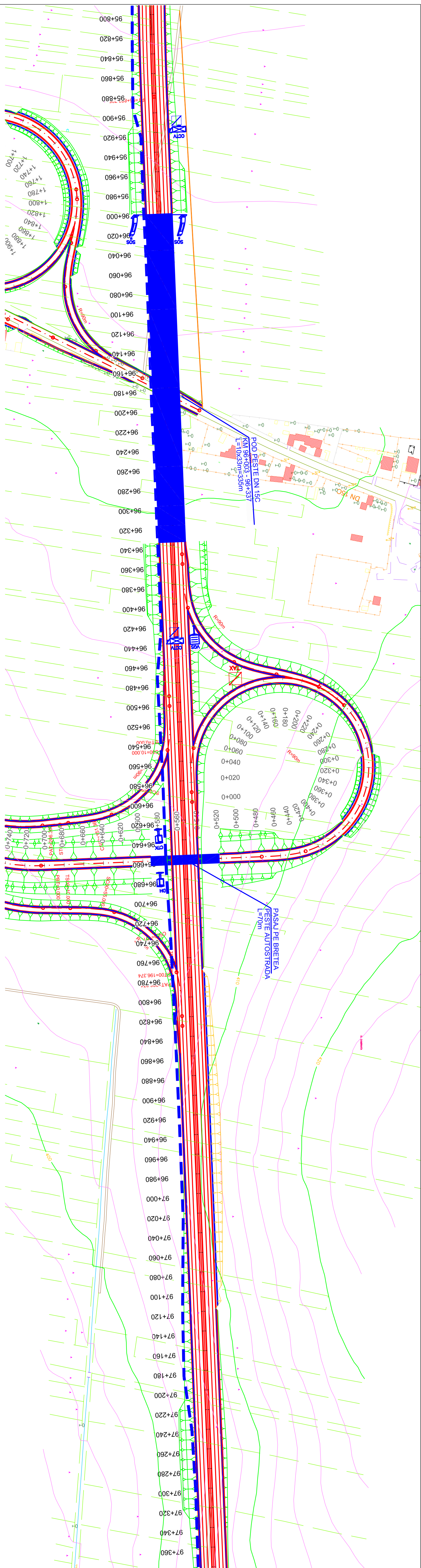
FAZA DE PROIECTARE
Studiu de Fezabilitate
Sisteme de comunicatii
si infrastructura aferenta

Proiectant Ing. I. Serban	Desenat Ing. M. Schiopu
Verificat Ing. C. Iin. Patrascu	Sef Proiect Ing. V. OSIMAN

LUCRARI DE DRUMURI

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Data: DECEMBRIE 2010

Plan de situatie
Sisteme de comunicatii



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FAZA DE PROIECTARE
Studiu de Fezabilitate
Sisteme de comunicatii
si infrastructura aferenta

Proiectant Ing. I. Serban Srb	Desenat Ing. M. Schiopu Msh
Verificat Ing. C. Iin Palirascu CIP	Sef Proiect Ing. V. OSIMAN VOS

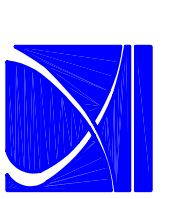
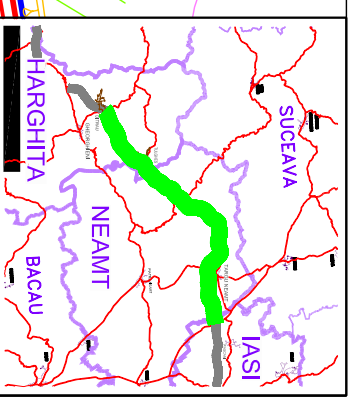
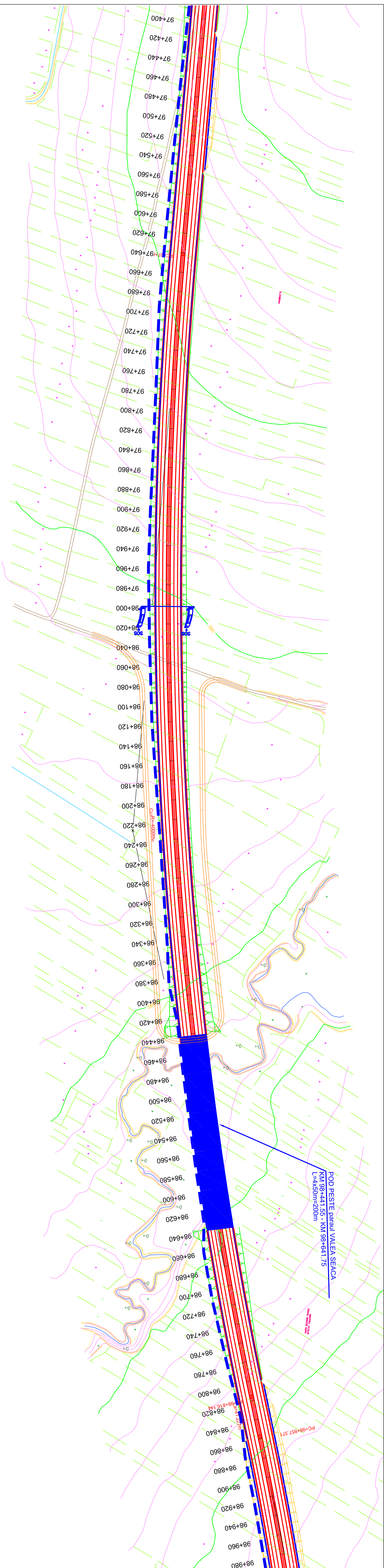
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Data: DECEMBRIE 2010

Plan de situatie
Sisteme de comunicatii

LEGENDA

	INFRASTRUCTURA COMUNICATIILOR		CAMERE VIDEO		SISTEM S.O.S.		SISTEM S.O.S. TUNEL		PANOURI MESAJE VARIABILE		DETECTOARE		STATII METEO		SISTEME SCADA		SISTEM TAXARE		DETECTIE INCIDENTE
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BENEFICIAR

COMPANIA NATIONALA DE AUTOSTRAZI
SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT

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CONTRACT NR: 92 / 58623 / 4275

FAZA DE PROIECTARE
Studiu de Fezabilitate
Sisteme de comunicatii
si infrastructura aferenta

Proiectant Ing. I. Serban	Desenat Ing. M. Schiopu
Verificat Ing. C. Iin Palrasca	Ser Proiect Ing. V. OSIMAN

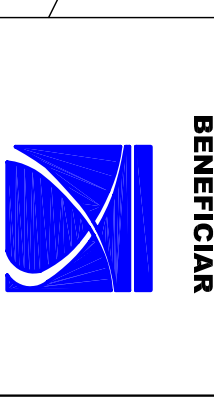
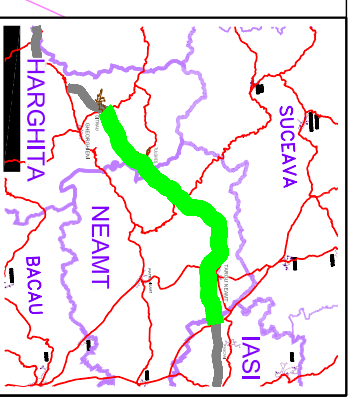
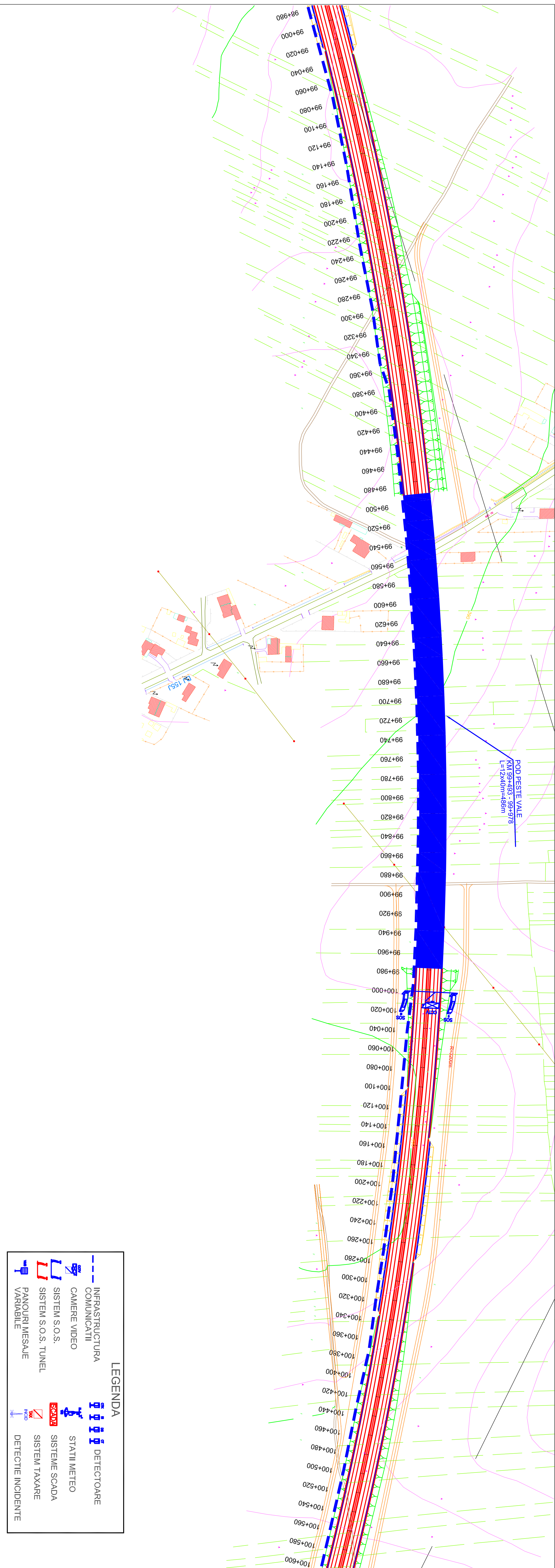
LUCRARI DE DRUMURI

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Data: DECEMBRIE 2010

Plan de situatie
Sisteme de comunicatii

LEGENDA

	INFRASTRUCTURA COMUNICATII		DETECTOARE
	CAMERE VIDEO		STATII METEO
	SISTEM S.O.S.		SISTEME SCADA
	SISTEM S.O.S. TUNEL		SISTEM TAXARE
	PANOURI MESAJE VARIABLE		DETECTIE INCIDENTE



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DITRAU - TARGU NEAMT
Km 0+000 - Km 118+100
CONTRACT Nr. 92 / 58623 / 4275

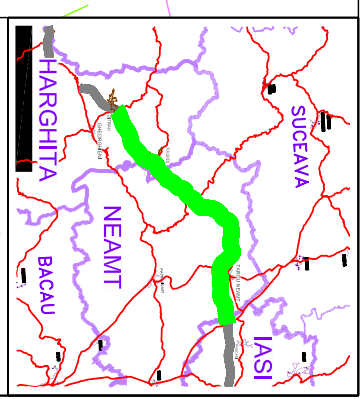
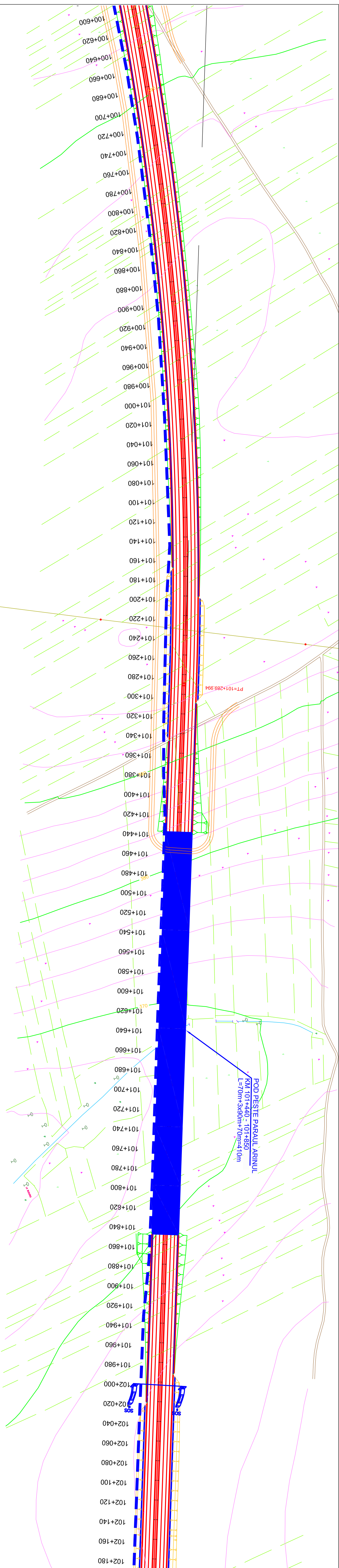
FAZA DE PROIECTARE
Studiu de Fezabilitate
Sisteme de comunicatii
si infrastructura aferenta

Proiectant Ing. I. Serban	Desenat Ing. M. Schiopu
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LUCRARI DE DRUMURI
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Plan de situatie
Sisteme de comunicatii

LEGENDA	
	INFRASTRUCTURA COMUNICATIILOR
	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABLE
	DETECTOARE
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COMPANIA NATIONALA DE AUTOSTRAZI
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DITRAU - TARGU NEAMT
Km 0+000 - Km 118+100

CONTRACT NR: 92 / 58623 / 4275

FAZA DE PROIECTARE
Studiu de Fezabilitate
Sisteme de comunicatii
si infrastructura aferenta

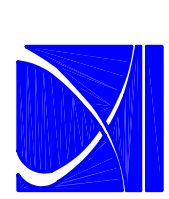
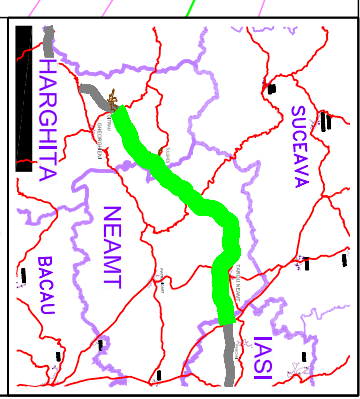
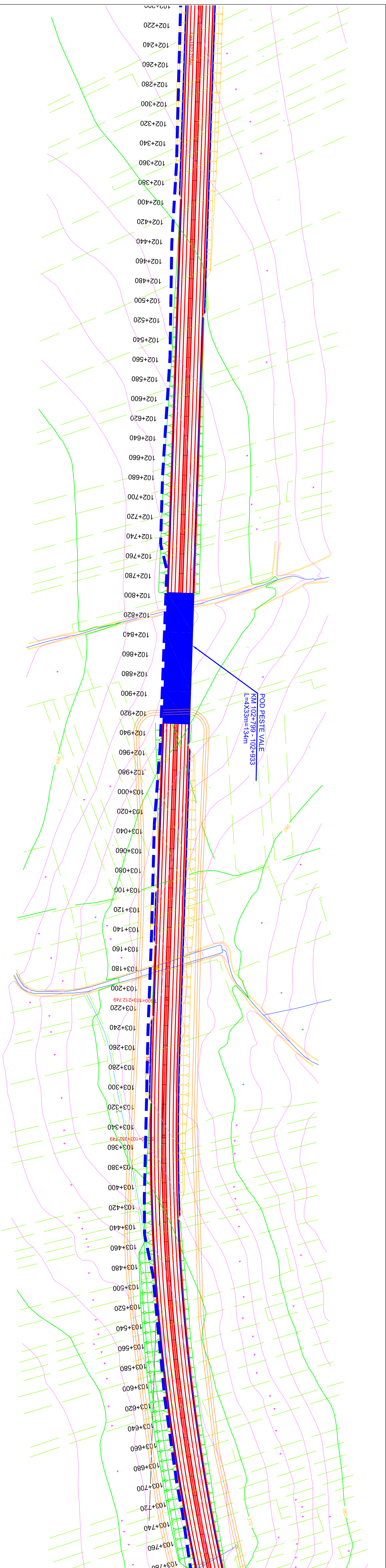
Proiectant Ing. I. Serban	Desenat Ing. M. Schiopu
Verificat Ing. C. Iin. Patrascu	Ser. Proiect Ing. V. OSMAN

LUCRARI DE DRUMURI

Scara: 1:22.000
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Plan de situatie
Sisteme de comunicatii

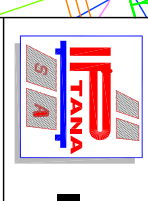
LEGENDA	
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	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABILE
	DETECTOARE
	STATII METEO
	SISTEME SCADA
	SISTEM TAXARE
	DETECTIE INCIDENTE



BENEFICIAR

COMPANIA NATIONALA DE AUTOSTRAZI
SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT



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Sisteme de comunicatii
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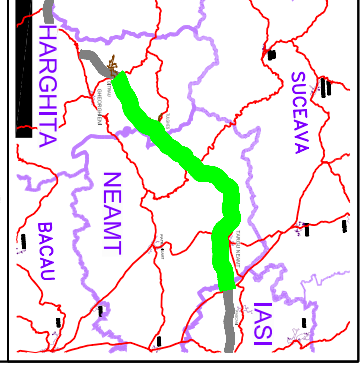
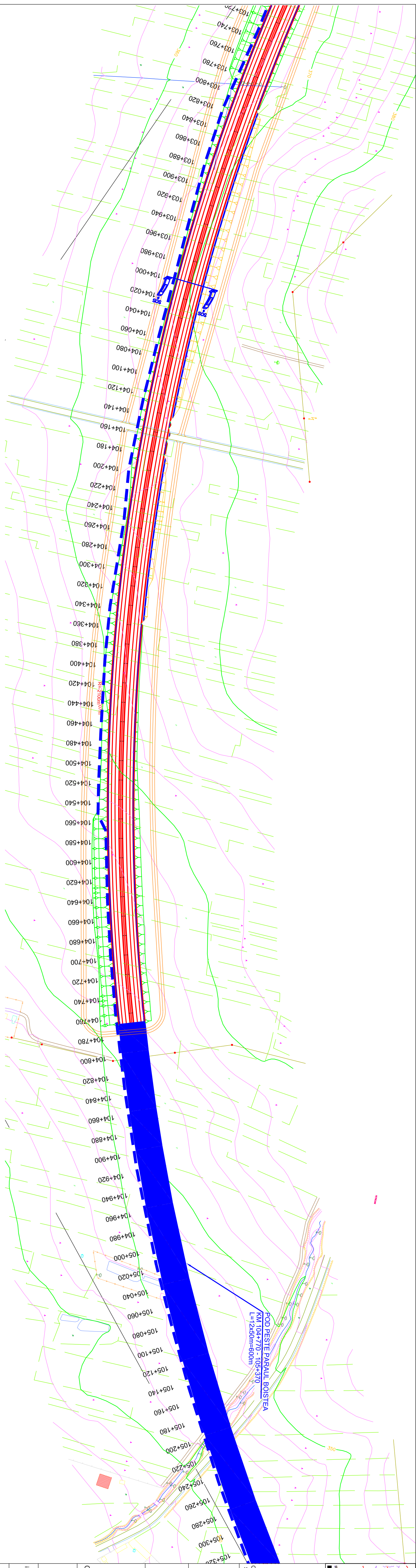
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Plan de situatie
Sisteme de comunicatii

LEGENDA

	INFRASTRUCTURA COMUNICATIIL		DETECTOARE
	CAMERE VIDEO		STATII METEO
	SISTEM S.O.S.		SISTEME SCADA
	SISTEM S.O.S. TUNEL		SISTEM TAXARE
	PANOURI MESAJE VARIABILE		DETECTIE INCIDENTE



**COMPANIA NATIONALA DE AUTOSTRAZI
SI DRUMURI NATIONALE DIN ROMANIA**

PROIECTANT
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SISTEME DE COMUNICATII**
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DITRAU -TARGU NEAMT
Km 0+000 - Km 118+100

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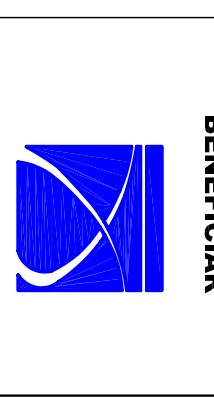
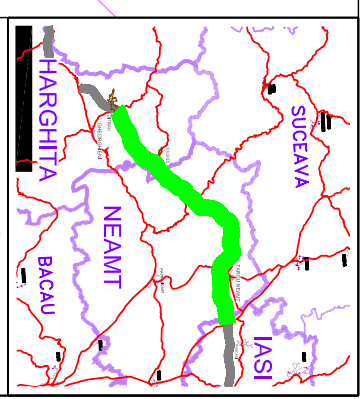
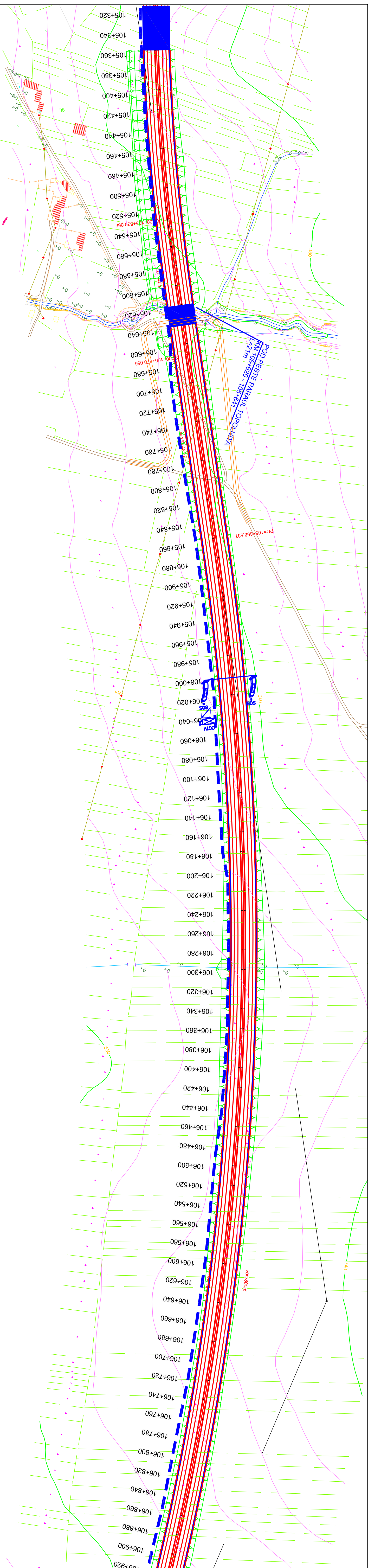
FAZA DE PROIECTARE
Studiu de Fezabilitate
Sisteme de comunicatii
si infrastructura aferenta

Proiectant Ing. I. Serban	Desenat Ing. M. Schiopu
Verificat Ing. C. Iin Palrasca	Ser. Proiect Ing. V. OSIMAN

LUCRARI DE DRUMURI
Scara: 1:22.000
Data: DECEMBRIE 2010

Plan de situatie
Sisteme de comunicatii

LEGENDA	
	INFRASTRUCTURA COMUNICATIILOR
	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABLE
	DETECTOARE
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	DETECTIE INCIDENTE



COMPANIA NATIONALA DE AUTOSTRAZI SI DRUMURI NATIONALE DIN ROMANIA
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S.C. PROTELCO S.A.
CAMPINA

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 AUTOSTRADA
 DITRAU - TARGU NEAMT
 Km 0+000 - Km 118+100

CONTRACT NR: 92 / 58623 / 4275

FAZA DE PROIECTARE
 Studiu de Fezabilitate
 Sisteme de comunicatii
 si infrastructura aferenta

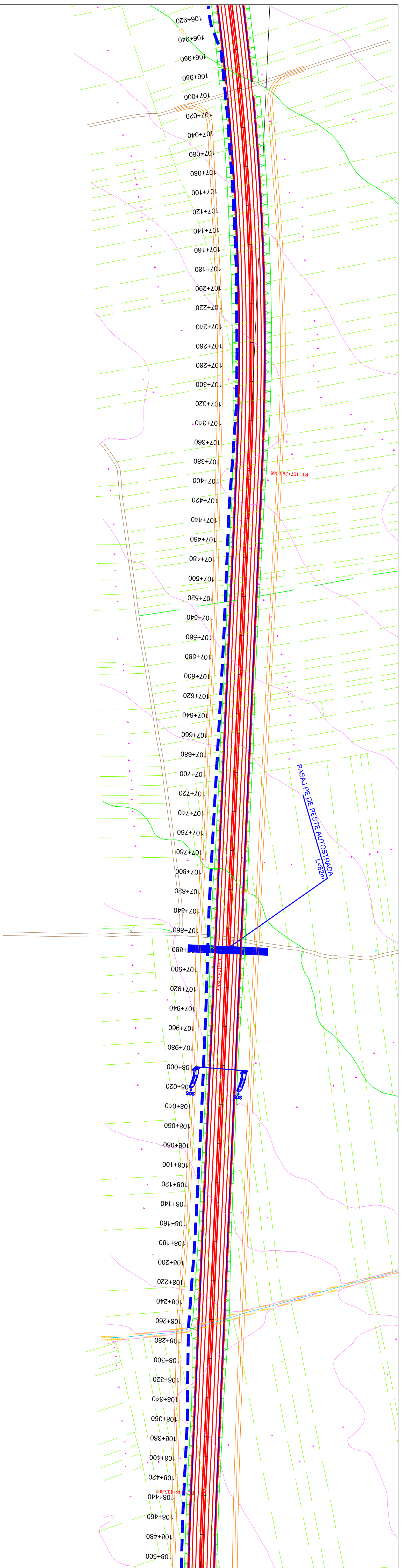
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Verificat Ing. C. Iin Palrasca	Sef Proiect Ing. V. OSIMAN

LUCRARI DE DRUMURI

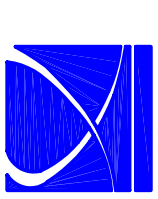
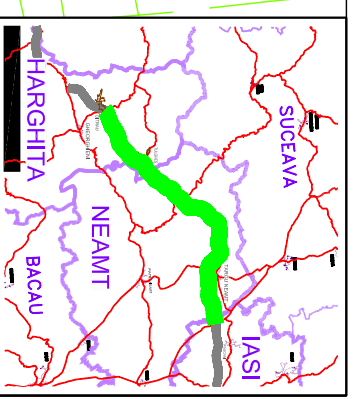
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Plan de situatie
 Sisteme de comunicatii

LEGENDA	
	INFRASTRUCTURA COMUNICATIILOR
	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABILE
	DETECTOARE
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LEGENDA	
	INFRASTRUCTURA COMUNICATIIL
	CAMERE VIDEO
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABLE
	DETECTOARE
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	SISTEME SCADA
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	DETECTIE INCIDENTE



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COMPANIA NATIONALA DE AUTOSTRAZI
SI DRUMURI NATIONALE DIN ROMANIA

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CAMPINA

INVESTITIA

AUTOSTRADA
DITRAU - TARGU NEAMT
Km 0+000 - - Km 118+100

CONTRACT NR: 92 / 58623 / 4275

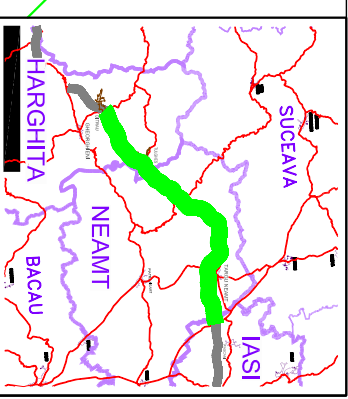
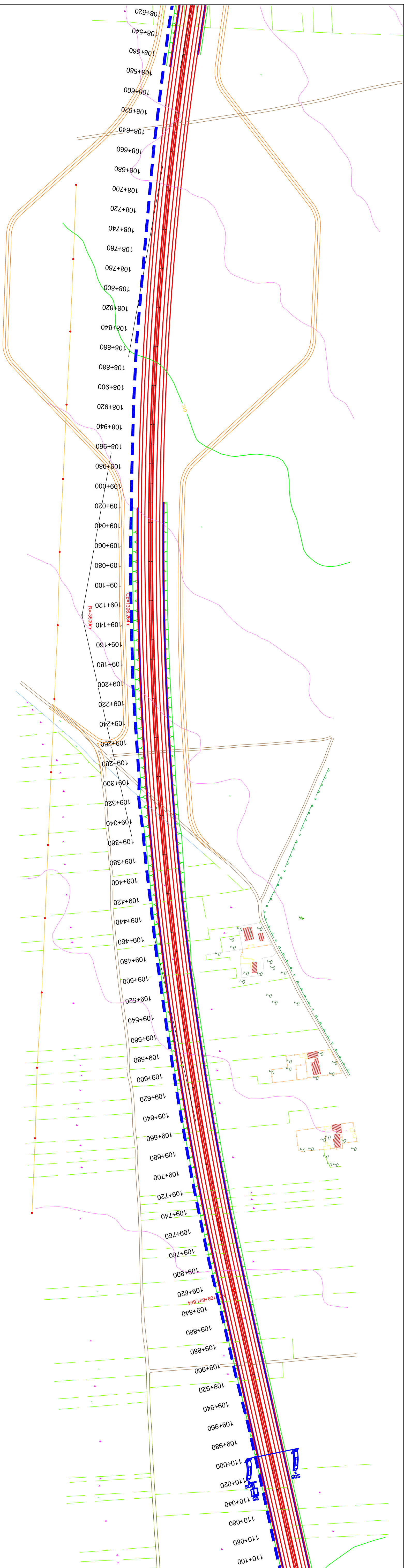
FAZA DE PROIECTARE
Studiu de Fezabilitate
Sisteme de comunicatii
si infrastructura aferenta

Proiectat	Desenat
Ing. I. Serban	Ing. M. Schiopu
Verificat	Ser Proiect
Ing. C. In. Patrascu	Ing. V. OSMAN

LUCRARI DE DRUMURI

Scara: 1:22.000
Data: DECEMBRIE 2010

Plan de situatie
Sisteme de comunicatii



BENEFICIAR
 COMPANIA NATIONALA DE AUTOSTRAZI
 SI DRUMURI NATIONALE DIN ROMANIA

PROIECTANT
IPTANA S.A.

PROIECTANT DE SPECIALITATE
 SISTEME DE COMUNICATII
S.C. PROTELCO S.A.
 CAMPINA

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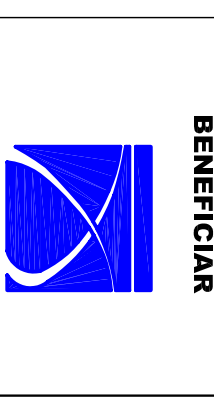
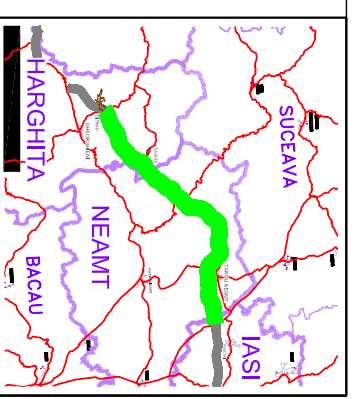
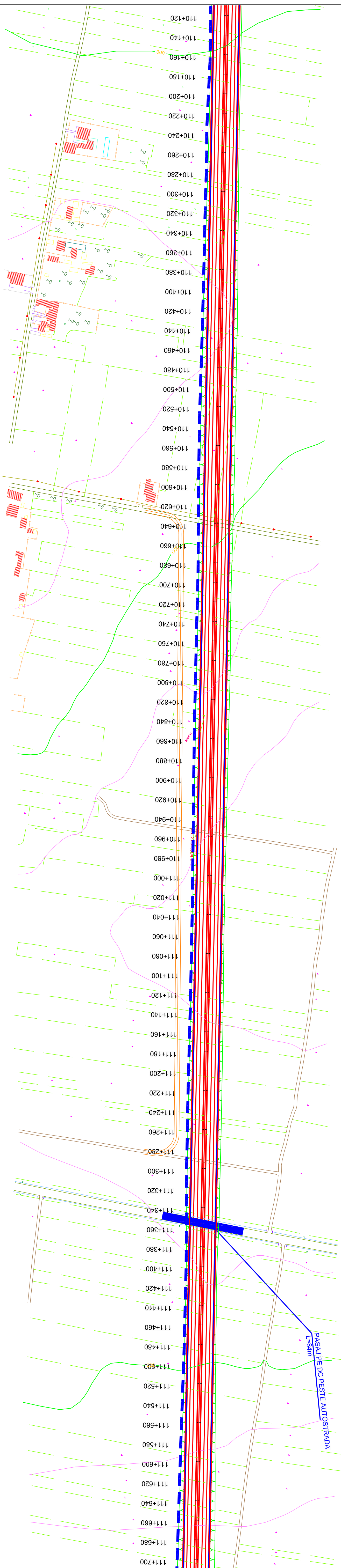
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 Sisteme de comunicatii
 si infrastructura aferenta

Proiectant Ing. I. Serban	Desenat Ing. M. Schiopu
Verificat Ing. C. Iin Palrasca	Ser. Proiect Ing. V. OSIMAN

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Plan de situatie
 Sisteme de comunicatii

LEGENDA	
	INFRASTRUCTURA COMUNICATIIL
	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
	PANOURI MESAJE VARIABLE
	DETECTOARE
	STATII METEO
	SISTEME SCADA
	SISTEM TAXARE
	DETECTIE INCIDENTE



BENEFICIAR
IPTANA S.A.

COMPANIA NATIONALA DE AUTOSTRAZI
SI DRUMURI NATIONALE DIN ROMANIA
PROIECTANT
IPTANA S.A.
PROIECTANT DE SPECIALITATE
SISTEME DE COMUNICATII
S.C. PROFTECO S.A.
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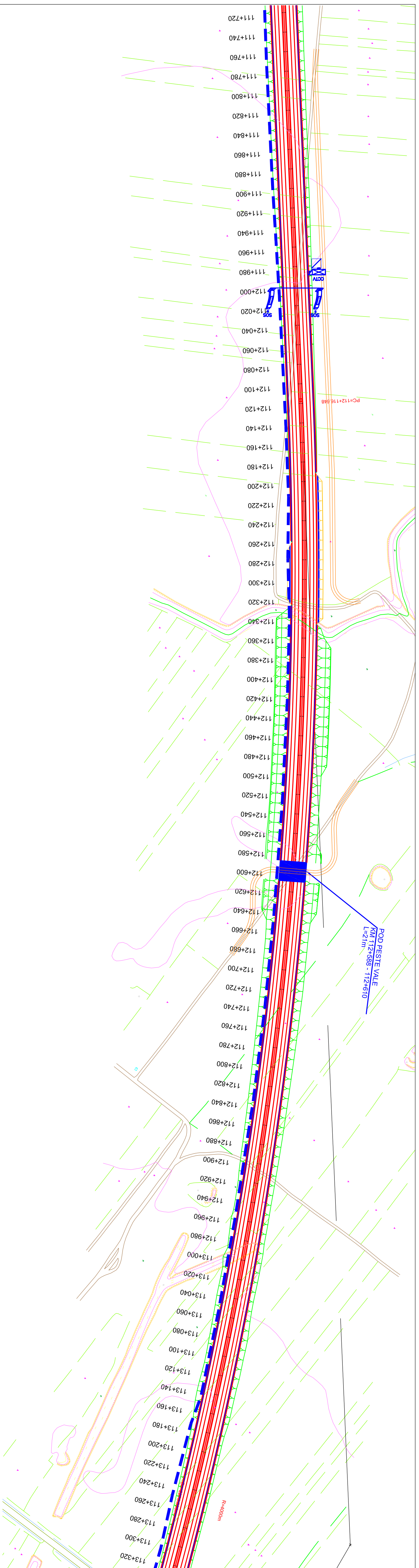
Proiectant Ing. I. Serban	Desenat Ing. M. Schiopu
Verificat Ing. C. Iin Palrasca	Sef Proiect Ing. V. OSIMAN

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Plan de situatie
Sisteme de comunicatii

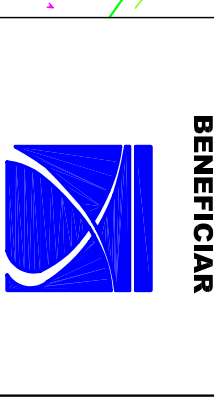
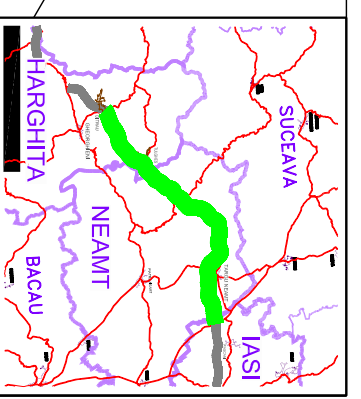
LEGENDA

- | | | | |
|--|--------------------------------|--|--------------------|
| | INFRASTRUCTURA
COMUNICATIIL | | DETECTOARE |
| | CAMERE VIDEO | | STATII METEO |
| | SISTEM S.O.S. | | SISTEME SCADA |
| | SISTEM S.O.S. TUNEL | | SISTEM TAXARE |
| | PANOURI MESAJE
VARIABLE | | DETECTIE INCIDENTE |



LEGENDA

	INFRASTRUCTURA COMUNICATIIL		DETECTOARE
	CAMERE VIDEO		STATII METEO
	SISTEM S.O.S.		SISTEME SCADA
	SISTEM S.O.S. TUNEL		SISTEM TAXARE
	PANOURI MESAJE VARIABILE		DETECTIE INCIDENTE



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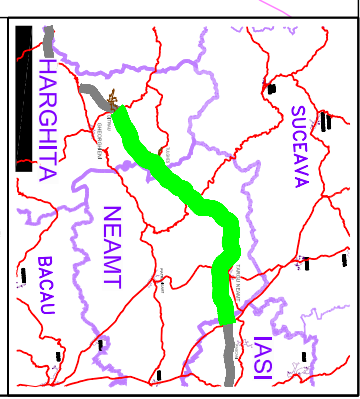
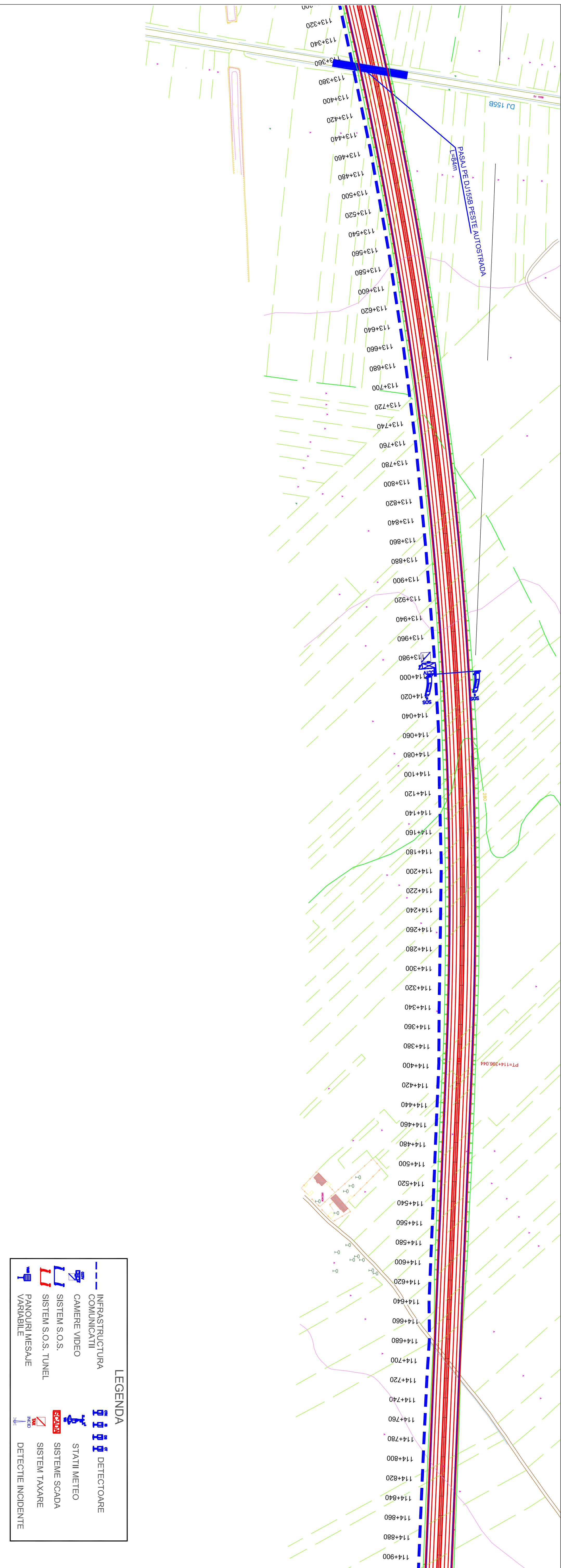
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 Sisteme de comunicatii
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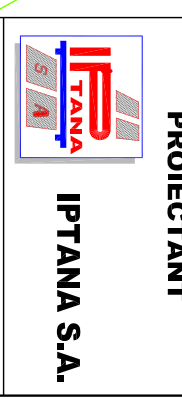
Proiectat	Ing. I. Serban	Desenat	Ing. M. Schiopu
Verificat	Ing. C. Iin Palrasca	Seif Proiect	Ing. V. OSIMAN

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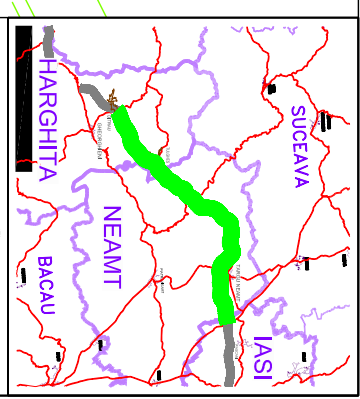
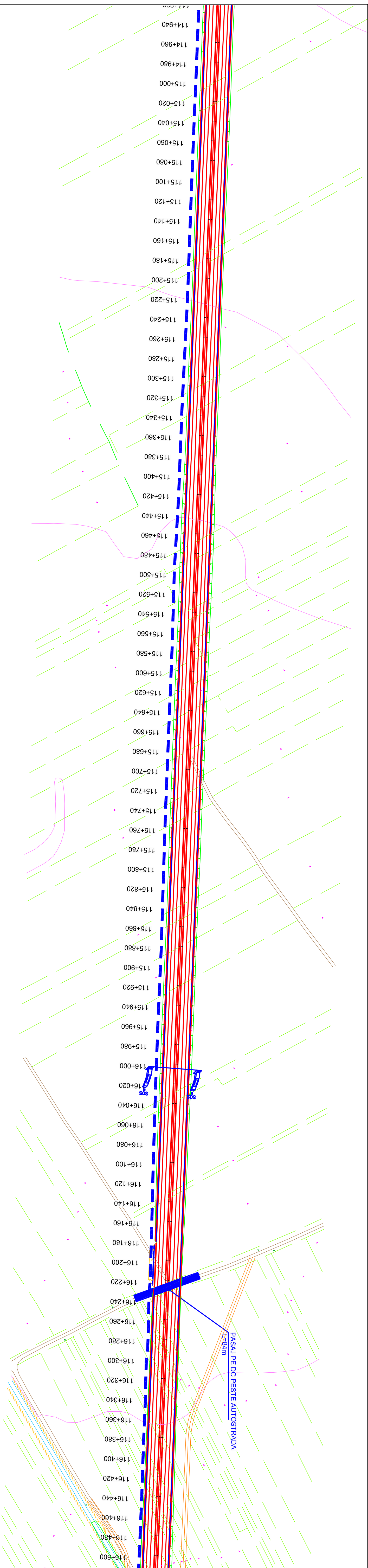
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LEGENDA	
	INFRASTRUCTURA COMUNICATIILOR
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	STATII METEO
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	SISTEM TAXARE
	DETECTIE INCIDENTE



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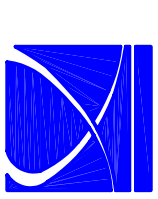
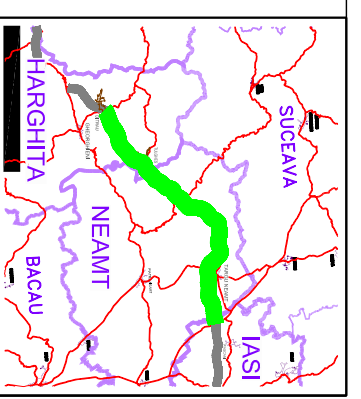
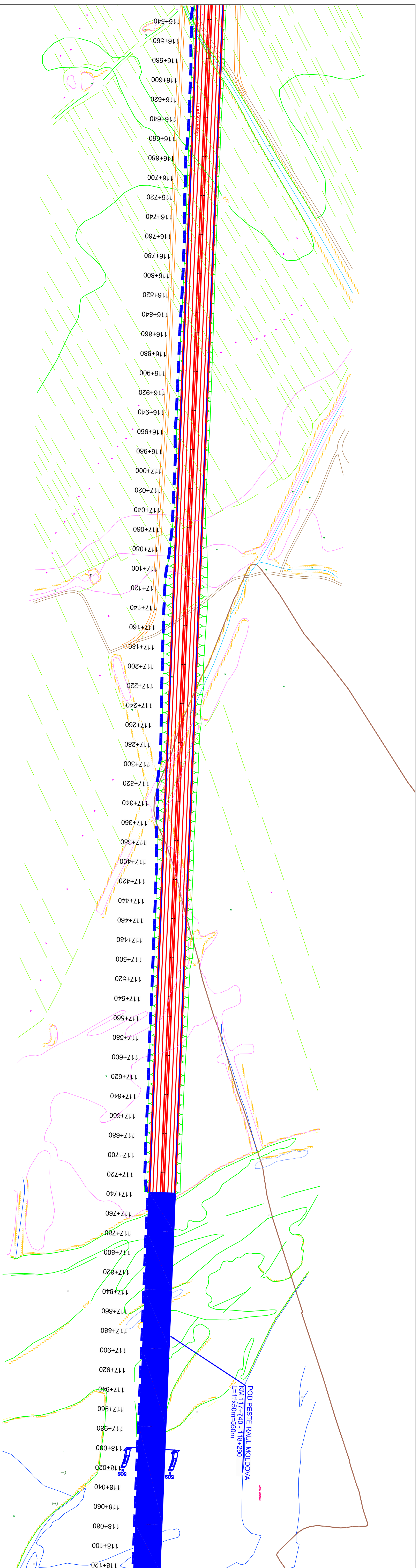
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Proiectat: Ing. I. Serban
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 Ser. Proiect: Ing. V. OSIMAN

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Plan de situatie
 Sisteme de comunicatii

- LEGENDA**
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 - CAMERE VIDEO
 - SISTEM S.O.S.
 - SISTEM S.O.S. TUNEL
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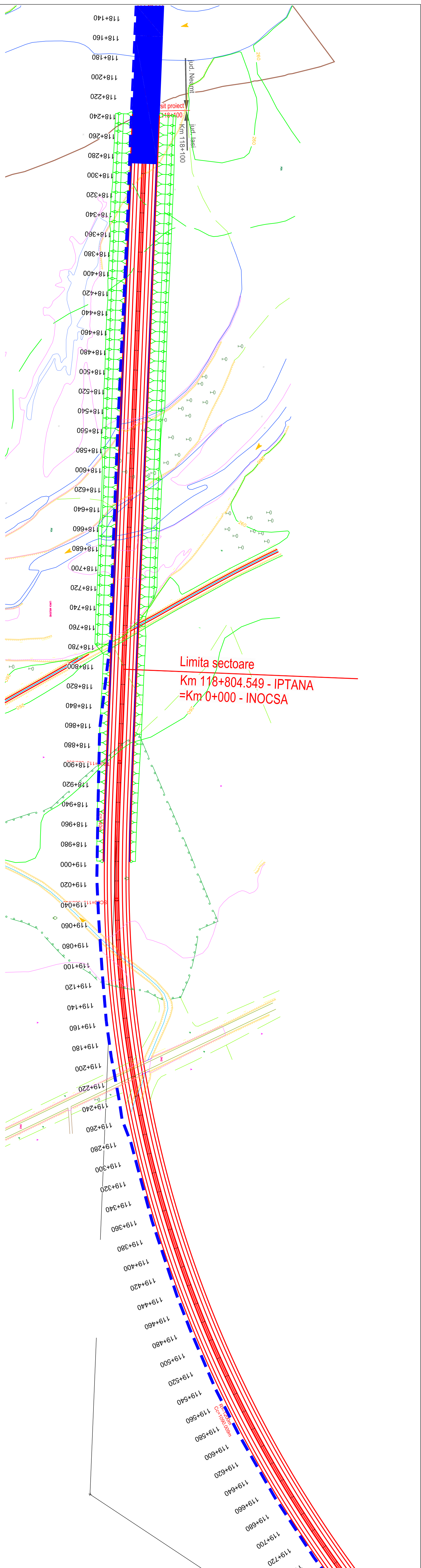
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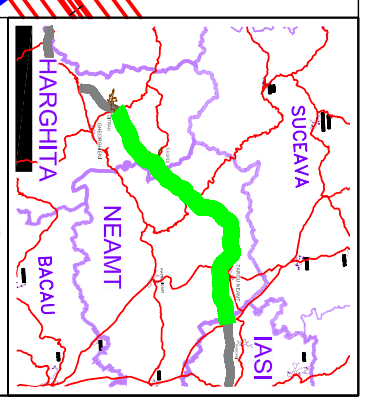
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	SISTEM TAXARE
	DETECTIE INCIDENTE



Limita sectoare
 Km 118+804.549 - IPTANA
 = Km 0+000 - INOCSA

LEGENDA	
	INFRASTRUCTURA COMUNICATIILOR
	CAMERE VIDEO
	SISTEM S.O.S.
	SISTEM S.O.S. TUNEL
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