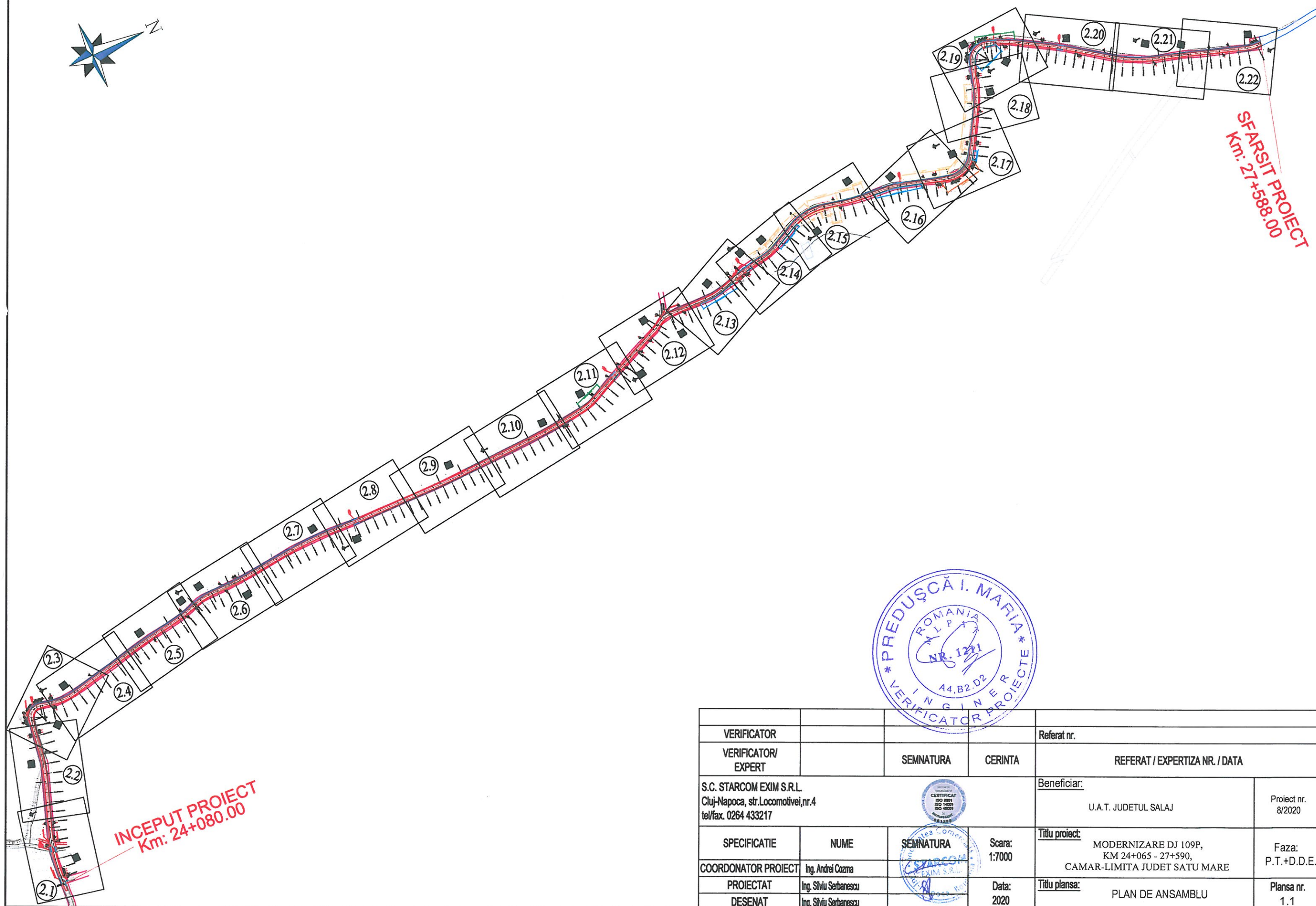
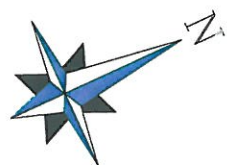


VERIFICATOR		Referat nr.	
VERIFICATOR/ EXPERT	SEMNATURA	CERINTA	REFERAT / EXPERTIZA NR. / DATA
S.C. STARCOM EXIM S.R.L. Cluj-Napoca, str.Locomotivei,nr.4 tel/fax. 0264 433217		Beneficiar: U.A.T. JUDETUL SALAJ	
SPECIFICATIE		NUME	SEMNATURA
COORDONATOR PROIECT	Ing. Andrei Cozma	Scara:	Titlu proiect: MODERNIZARE DJ 109P, KM 24+065 - 27+590, CAMAR-LIMITA JUDET SATU MARE
PROIECTAT	Ing. Silviu Serbanescu	Data: 2020	Titlu plansa: PLAN DE INCADRARE IN ZONA
DESENAT	Ing. Silviu Serbanescu		Plansa nr. 1.0



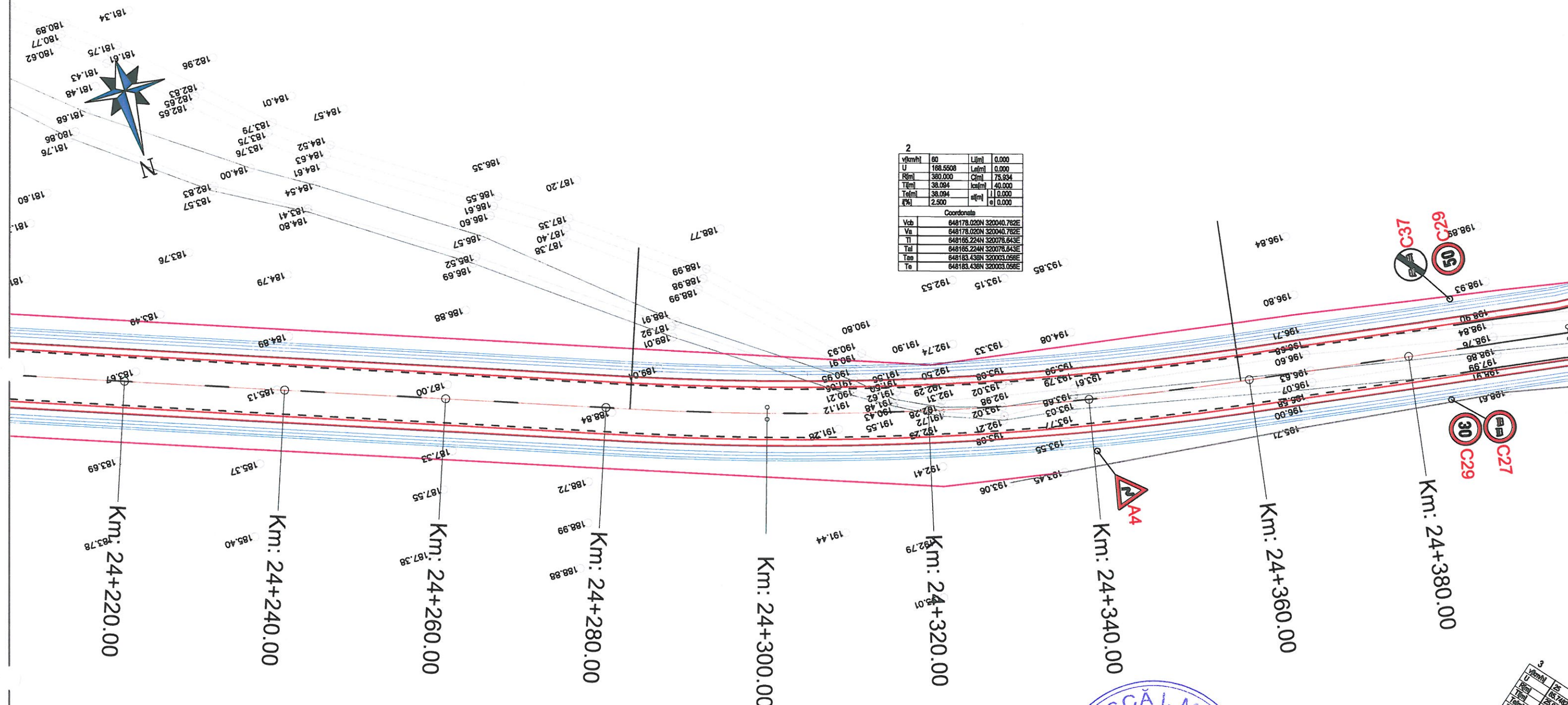


VERIFICATOR				Referat nr.	
VERIFICATOR/ EXPERT		SEMNATURA	CERINTA	REFERAT / EXPERTIZA NR. / DATA	
S.C. STARCOM EXIM S.R.L. Cluj-Napoca, str.Locomotivei,nr.4 tel/fax. 0264 433217			Beneficiar:		Proiect nr.
			U.A.T. JUDETUL SALAJ		8/2020
SPECIFICATIE	NUME	SEMNATURA	Scara:	Titlu proiect:	
COORDONATOR PROIECT	Ing. Andrei Cozma		1:7000	MODERNIZARE DJ 109P, KM 24+065 - 27+590, CAMAR-LIMITA JUDET SATU MARE	
PROIECTAT	Ing. Silviu Serbanescu		Data:	Faza:	
DESENAT	Ing. Silviu Serbanescu		2020	PLAN DE ANSAMBLU	
				Plansa nr.	1.1



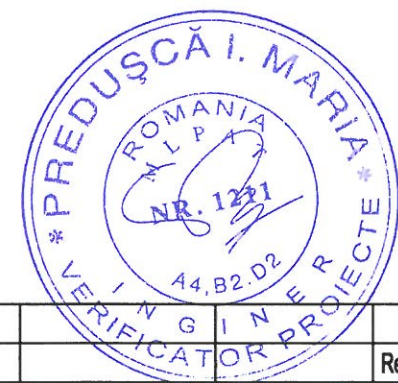






**LEGENDA:**

Limita proprietate DJ 109P	
Margine carosabil	
Margine acostament	
Dispozitive de scurgerea apelor	
Fundatie continua tip "L"	
Parapete de siguranta	
Rigola ranforsata	
Zid de sprijin rambleu/debleu	

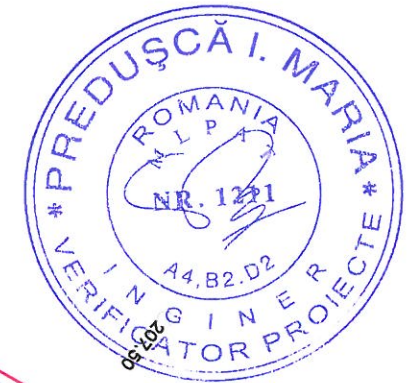
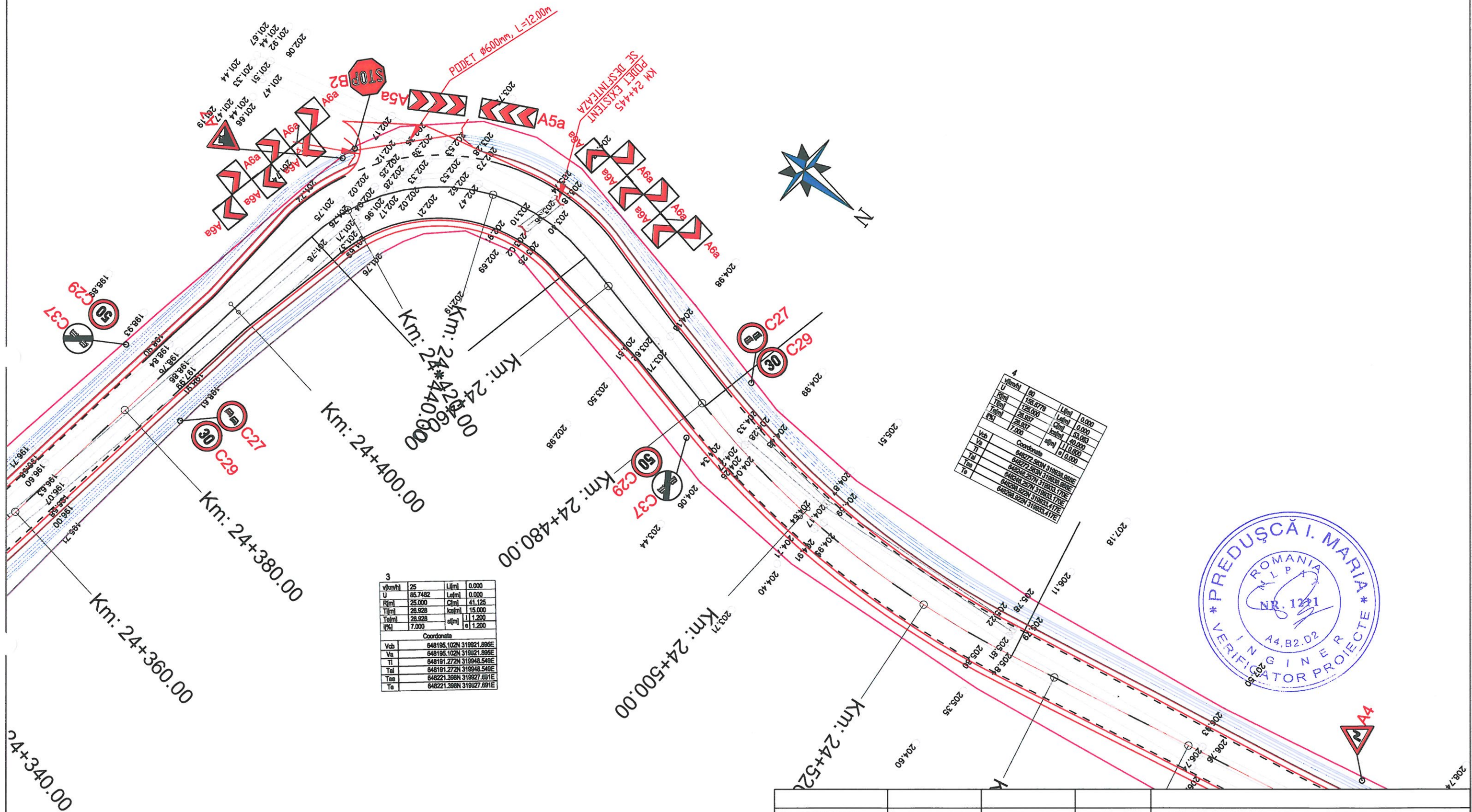


3

V(kmh)	25
U	85.7482
R(m)	25.000
T(m)	28.628
Te(m)	28.628
q(%)	1.200
Coordonate	
Vcb	648165.102N 318824.118E
Va	648165.102N 318824.118E
Ti	648161.224N 318824.118E
Tal	648161.224N 318824.118E
Te	648183.438N 318824.118E
To	648183.438N 318824.118E

VERIFICATOR		Referat nr.	
VERIFICATOR/ EXPERT	SEMNATURA	CERINTA	REFERAT / EXPERTIZA NR. / DATA
S.C. STARCOM EXIM S.R.L. Cluj-Napoca, str.Locomotivei,nr.4 tel/fax. 0264 433217		Beneficiar:	Proiect nr.
		U.A.T. JUDETUL SALAJ	8/2020
SPECIFICATIE	NUME	SEMNATURA	Scara:
COORDONATOR PROIECT	Ing. Andrei Cozma		1:500
PROIECTAT	Ing. Silviu Serbanescu		Data:
DESENAT	Ing. Silviu Serbanescu		2020
Titrul proiect:			Faza:
MODERNIZARE DJ 109P, KM 24+065 - 27+590, CAMAR-LIMITA JUDET SATU MARE			P.T.+D.D.E.
Titrul plansa:			Plansa nr.
PLAN DE SITUATIE			2.2



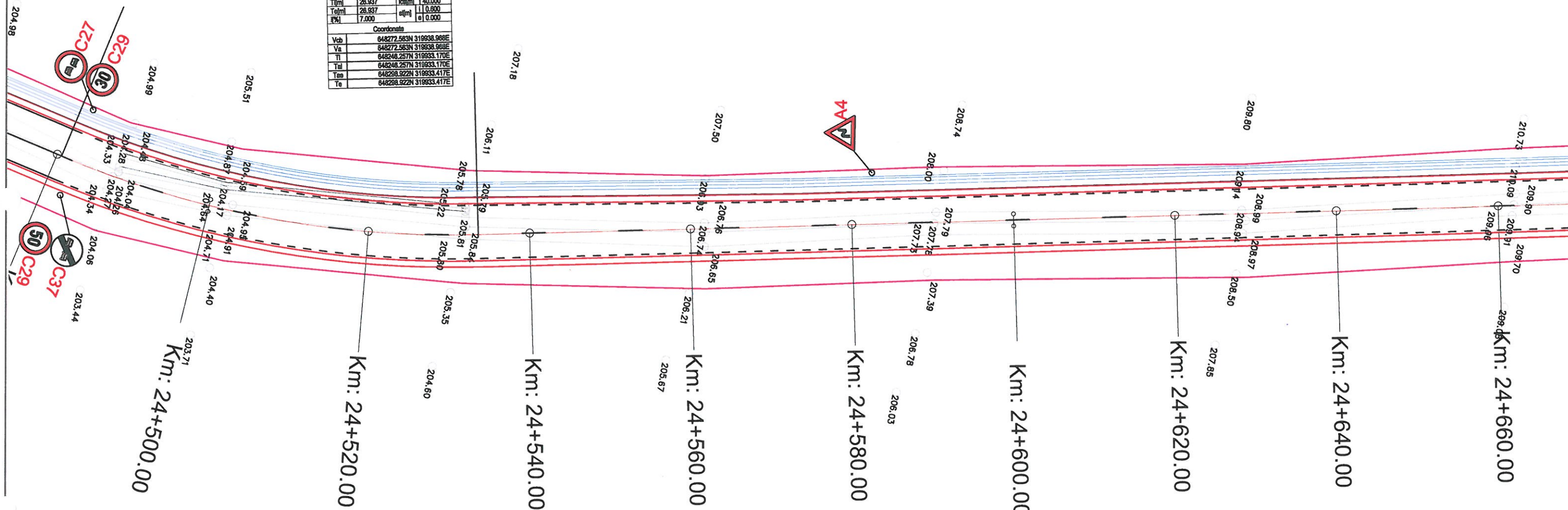


VERIFICATOR				Referat nr.	
VERIFICATOR/EXPERT		SEMNATURA	CERINTA	REFERAT / EXPERTIZA NR. / DATA	
S.C. STARCOM EXIM S.R.L. Cluj-Napoca, str.Locomotivei,nr.4 tel/fax. 0264 433217				Beneficiar:	Proiect nr.
				U.A.T. JUDETUL SALAJ	8/2020
SPECIFICATIE	NUME	SEMNATURA	Scara:	Titlu proiect:	Faza:
COORDONATOR PROIECT	Ing. Andrei Cozma		1:500	MODERNIZARE DJ 109P, KM 24+065 - 27+590, CAMAR-LIMITA JUDET SATU MARE	P.T.+D.D.E.
PROIECTAT	Ing. Silviu Serbanescu		Data:	Titlu plansa:	Plansa nr.
DESENAT	Ing. Silviu Serbanescu		2020	PLAN DE SITUATIE	2.3



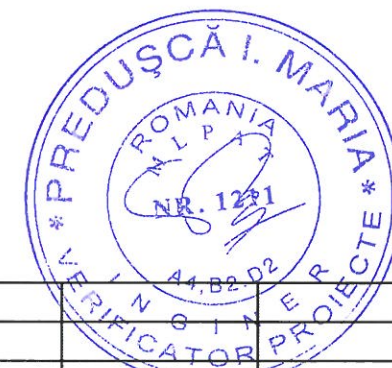


4			
U	60	L(m)	0.000
R(m)	155.6778	L(m)	0.000
T(m)	125.000	C(m)	53.083
T(m)	28.937	l(m)	40.000
T(m)	28.937	l(m)	0.500
T(m)	7.000	l(m)	0.000
Coordonate			
Vch	648272.583N	319938.968E	
Va	648272.583N	319938.968E	
Ti	648248.257N	319933.170E	
Ta	648248.257N	319933.170E	
Ta	648298.922N	319933.417E	
Te	648298.922N	319933.417E	



### LEGENDA:

Limita proprietate DJ 109P  
Margine carosabil  
Margine acostament  
Dispozitive de scurgerea apelor  
Fundatie continua tip "L"  
Parapete de siguranta  
Rigola ranforsata  
Zid de sprijin rambleu/debleu



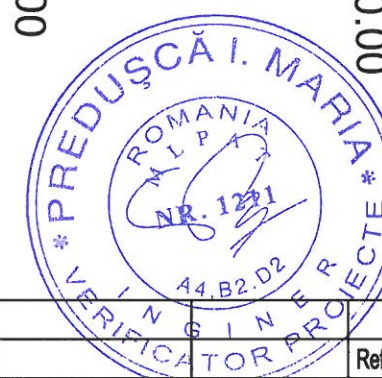
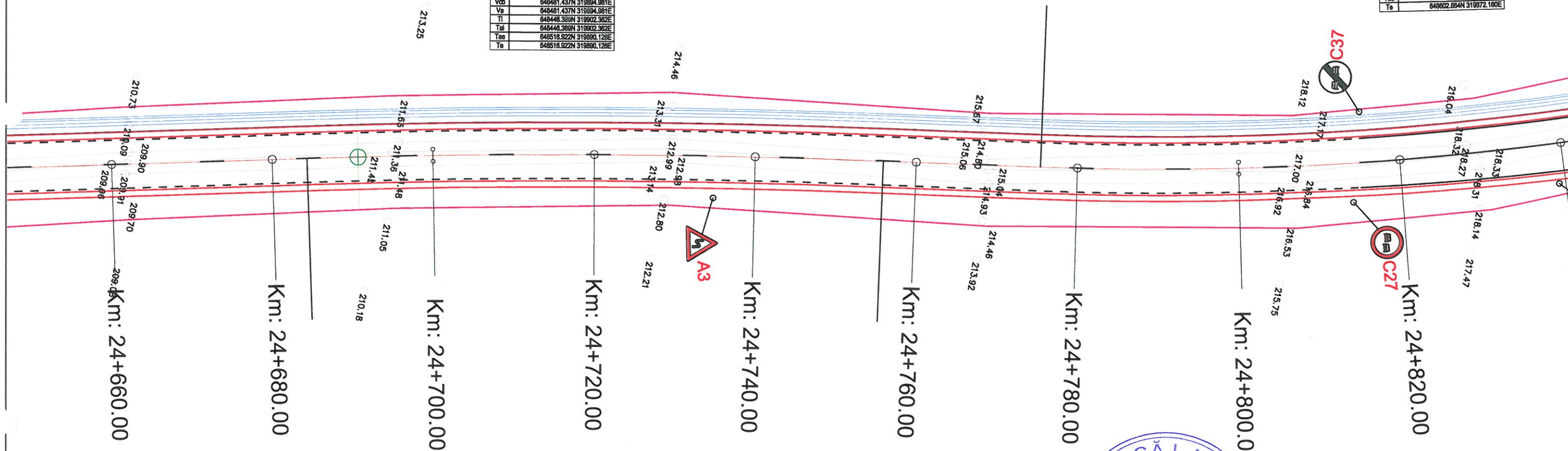
VERIFICATOR		Referat nr.	
VERIFICATOR/ EXPERT	SEMNATURA	CERINTA	REFERAT / EXPERTIZA NR. / DATA
S.C. STARCOM EXIM S.R.L. Cluj-Napoca, str.Locomotivei,nr.4 tel/fax. 0264 433217		Beneficiar:	Proiect nr. 8/2020
		U.A.T. JUDETUL SALAJ	
SPECIFICATIE	NUME	SEMNATURA	Scara: 1:500
COORDONATOR PROIECT	Ing. Andrei Cozma		Titlu proiect: MODERNIZARE DJ 109P, KM 24+065 - 27+590, CAMAR-LIMITA JUDET SATU MARE
PROIECTAT	Ing. Silviu Serbanescu		Titlu plansa: PLAN DE SITUATIE
DESEAT	Ing. Silviu Serbanescu		Faza: P.T.+D.D.E. Plansa nr. 2.4





6			
Vkm/h	80	L(m)	0.000
U	169.5760	L(m)	0.000
R(m)	360.000	C(m)	88.471
T(m)	34.329	ka(m)	40.000
Tel(m)	34.329	al(m)	0.000
E(%)	2.500	e(%)	0.000
Coordonate			
Vcb	648570.236N	319882.833E	
Va	648570.236N	319882.833E	
Tl	648538.225N	319887.488E	
Tal	648538.225N	319887.488E	
Tee	648502.884N	319872.160E	
Te	648502.884N	319872.160E	

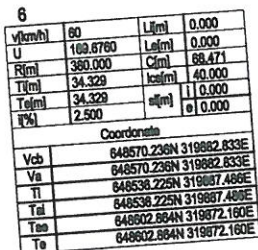
5			
Vkm/h	80	L(m)	0.000
U	175.8975	L(m)	0.000
R(m)	1000.000	C(m)	71.602
T(m)	35.816	ka(m)	0.000
Tel(m)	35.816	al(m)	0.000
E(%)	0.000	e(%)	0.000
Coordonate			
Vcb	648481.437N	319894.981E	
Va	648481.437N	319894.981E	
Tl	648446.300N	319902.362E	
Tal	648446.300N	319902.362E	
Tee	648516.922N	319890.126E	
Te	648516.922N	319890.126E	



LEGENDA:	
Limita proprietate DJ 109P	
Margine carosabil	
Margine acostament	
Dispozitive de scurgerea apelor	
Fundatie continua tip "L"	
Parapete de siguranta	
Rigola ranforsata	
Zid de sprijin rambleu/debleu	

VERIFICATOR		Referat nr.	
VERIFICATOR/ EXPERT	SEMNATURA	CERINTA	REFERAT / EXPERTIZA NR. / DATA
S.C. STARCOM EXIM S.R.L. Cluj-Napoca, str. Locomotivei, nr. 4 tel/fax. 0264 433217		Beneficiar:	Proiect nr. 8/2020
SPECIFICATIE		NUME	SEMNATURA
COORDONATOR PROIECT		Ing. Andrei Cozma	Scara: 1:500
PROIECTAT		Ing. Silviu Serbanescu	Data: 2020
DESENAT		Ing. Silviu Serbanescu	Titlu proiect: MODERNIZARE DJ 109P, KM 24+065 - 27+590, CAMAR-LIMITA JUDET SATU MARE
		Titlu planșă: PLAN DE SITUATIE	Faza: P.T.+D.D.E.
			Planșă nr. 2.5

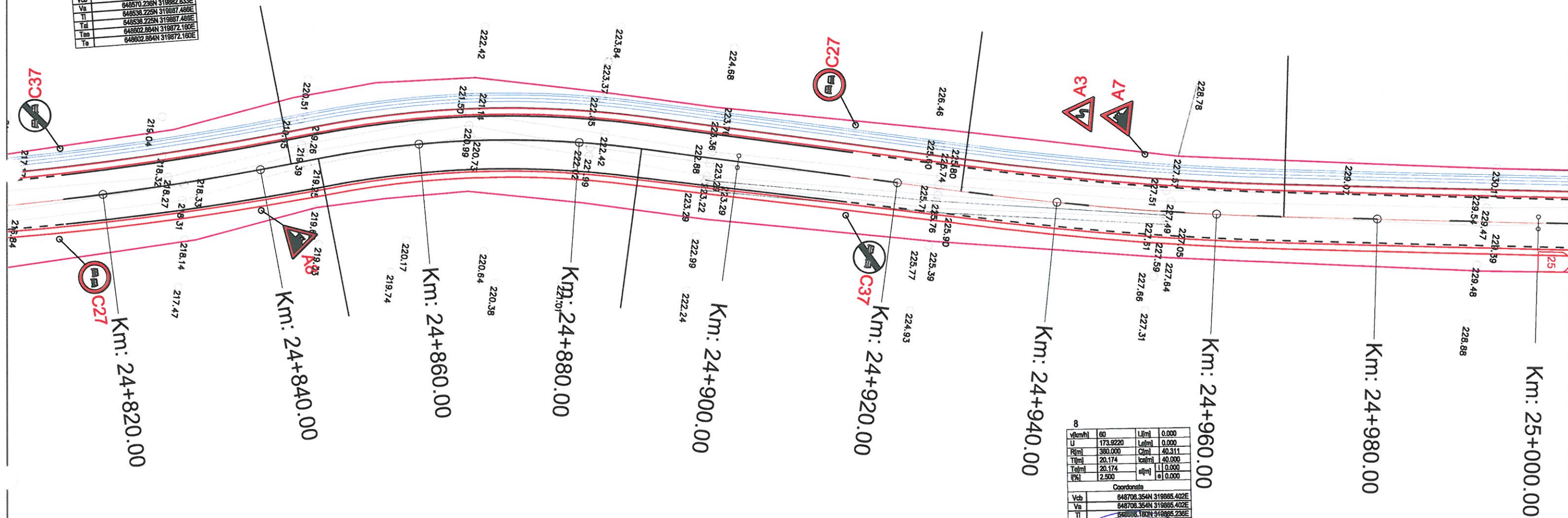




U <sub>vrhni</sub>	60	L <sub>1</sub> [m]	0.000
V <sub>donji</sub>	161.4132	L <sub>2</sub> [m]	0.000
R <sub>1</sub> [m]	125.000	C <sub>1</sub> [m]	40.550
T <sub>1</sub> [m]	20.455	ic <sub>1</sub> [m]	40.900
T <sub>2</sub> [m]	20.455	a <sub>1</sub> [m]	11.800
i[%]	7.000	o	0.000


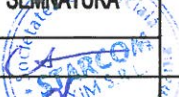
  

Coordinates	
V <sub>ob</sub>	648825.561N 319854.735E
V <sub>a</sub>	648825.561N 319854.735E
T <sub>1</sub>	648608.120N 319871.095E
T <sub>2</sub>	648608.120N 319871.095E
T <sub>e</sub>	648648.015N 319854.904E
T <sub>o</sub>	648648.015N 319854.904E

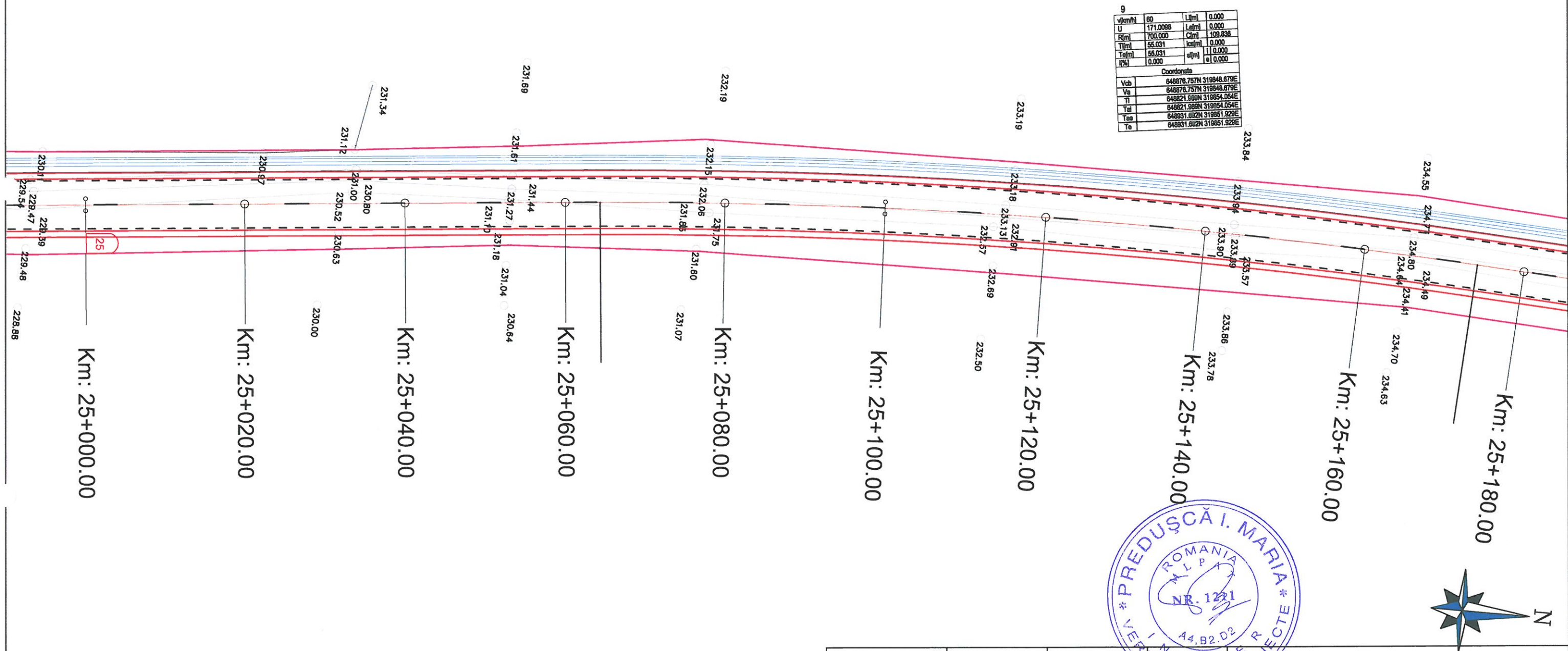


8			
V[km/h]	60	U[m]	0.000
U	173.8220	L[m]	0.000
R[m]	380.000	C[m]	40.311
T[m]	20.174	l[m]	40.311
Ta[m]	20.174	i	0.000
l[%]	2.500	a	0.000
Coordinates			
Vcb	648708.354N	319885.402E	
Vt	648708.354N	319885.402E	
Ta	648708.180N	319885.236E	
Tal	648708.180N	319885.236E	
Tib	648728.432N	319883.432E	
Tic	648728.432N	319883.432E	

Limita proprietate DJ 109P  
Margine carosabil  
Margine acostament  
Dispozitive de scurgerea apelor  
Fundatie continua tip "L"  
Parapete de siguranta  
Rigola ranforsata  
Zid de sprijin rambleu/debleu

VERIFICATOR				Referat nr.	
VERIFICATOR/ EXPERT		SEMNATURA	CERINTA	REFERAT / EXPERTIZA NR. / DATA	
S.C. STARCOM EXIM S.R.L. Cluj-Napoca, str.Locomotivei,nr.4 tel/fax. 0264 433217				Beneficiar:	Proiect nr. 8/2020
SPECIFICATIE	NUME	SEMNATURA	Scara: 1:500	<u>Titlu proiect:</u> MODERNIZARE DJ 109P, KM 24+065 - 27+590, CAMAR-LIMITA JUDET SATU MARE	Faza: P.T.+D.D.E.
COORDONATOR PROIECT	Ing. Andrei Cozma			<u>Titlu plansa:</u> PLAN DE SITUATIE	Plansa nr. 2.6
PROIECTAT	Ing. Silviu Serbanescu		Data: 2020		
DESENAT	Ing. Silviu Serbanescu				



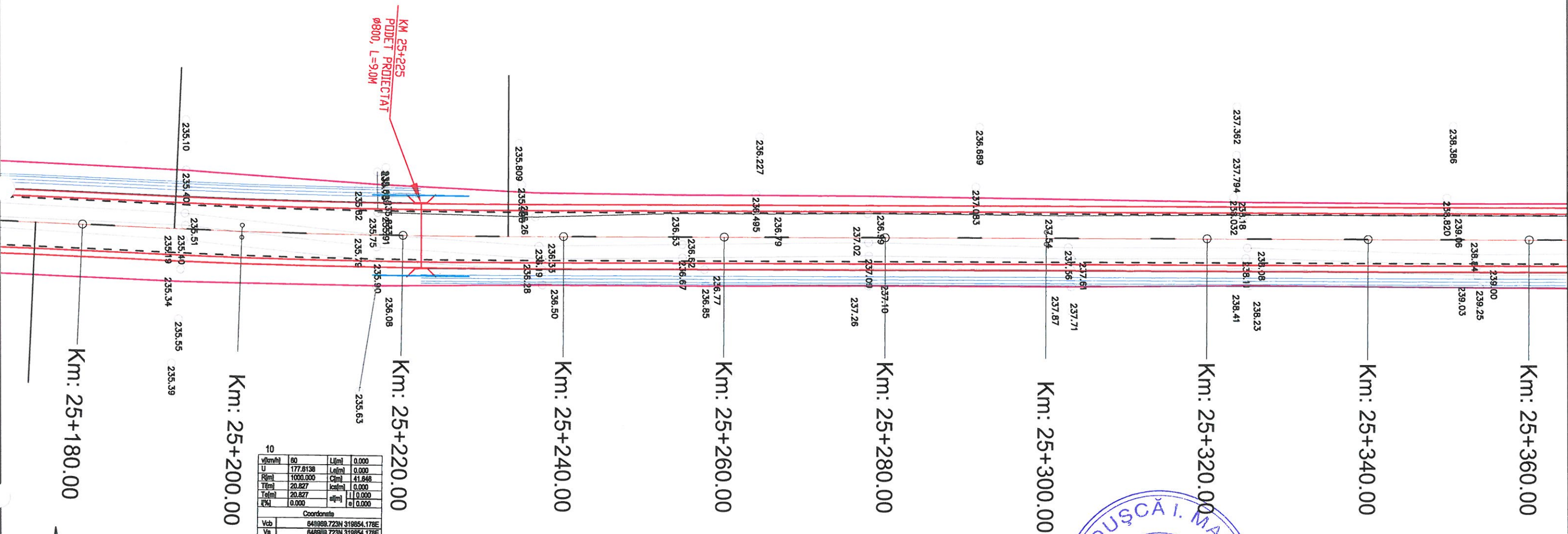


**LEGENDA:**

Limita proprietate DJ 109P	
Margine carosabil	
Margine acostament	
Dispozitive de scurgerea apelor	
Fundatie continua tip "L"	
Parapete de siguranta	
Rigola ranforsata	
Zid de sprijin rambleu/debleu	

VERIFICATOR		VERIFICATOR	Referat nr.	
VERIFICATOR/EXPERT		SEMNTURA	CERINTA	REFERAT / EXPERTIZA NR. / DATA
S.C. STARCOM EXIM S.R.L. Cluj-Napoca, str.Locomotivei,nr.4 tel/fax. 0264 433217			Beneficiar:	Proiect nr.
			U.A.T. JUDETUL SALAJ	8/2020
SPECIFICATIE	NUME	SEMNTURA	Scara:	Titlu proiect:
COORDONATOR PROIECT	Ing. Andrei Cozma		1:500	MODERNIZARE DJ 109P, KM 24+065 - 27+590, CAMAR-LIMITA JUDET SATU MARE
PROIECTAT	Ing. Silviu Serbanescu		Data:	Titlu plansa:
DESENAT	Ing. Silviu Serbanescu		2020	PLAN DE SITUATIE
				Faza: P.T.+D.D.E.
				Plansa nr. 2.7



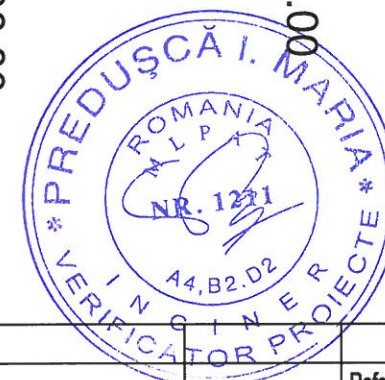


10			
Vkm/h	80	L(m)	0.000
U	177.8138	L(m)	0.000
R(m)	1000.000	C(m)	41.848
T(m)	20.627	h(m)	0.000
Tel(m)	20.627	h(m)	0.000
Te	0.000	h(m)	0.000
Coordonate			
Vcb	648989.723N 319854.178E		
Va	648989.723N 319854.178E		
Ti	648948.932N 319862.948E		
Tel	648948.932N 319862.948E		
Tao	648980.547N 319854.541E		
Te	648980.547N 319854.541E		



### LEGENDA:

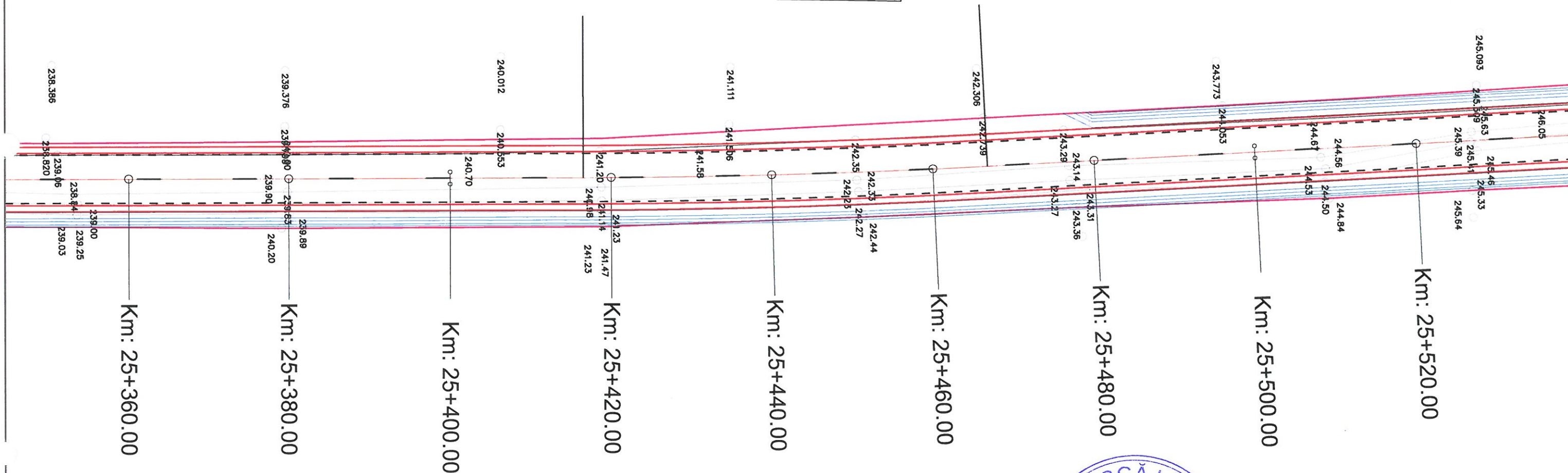
Limita proprietate DJ 109P  
 Margine carosabil  
 Margine acostament  
 Dispozitive de scurgerea apelor  
 Fundatie continua tip "L"  
 Parapete de siguranta  
 Rigola ranforsata  
 Zid de sprijin rambleu/debleu



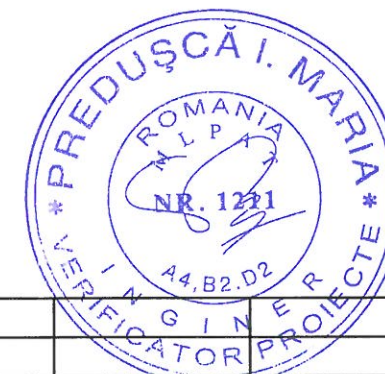
VERIFICATOR				Referat nr.
VERIFICATOR/ EXPERT		SEMNATURA	CERINTA	REFERAT / EXPERTIZA NR. / DATA
S.C. STARCOM EXIM S.R.L. Cluj-Napoca, str.Locomotivei,nr.4 tel/fax. 0264 433217				Beneficiar: U.A.T. JUDETUL SALAJ
SPECIFICATIE	NUME	SEMNATURA	Scara: 1:500	Titlu proiect: MODERNIZARE DJ 109P, KM 24+065 - 27+590, CAMAR-LIMITA JUDET SATU MARE
COORDONATOR PROIECT	Ing. Andrei Cozma			Faza: P.T.+D.D.E.
PROIECTAT	Ing. Silviu Serbanescu		Data: 2020	Titlu plansa: PLAN DE SITUATIE
DESENAT	Ing. Silviu Serbanescu			Plansa nr. 2.8



11			
V(km/h)	80	L(m)	0.000
U	177.1238	L(m)	0.000
R(m)	1000.000	C(m)	50.108
T(m)	25.105	l(m)	0.000
Tel(m)	25.105	sl(m)	0.000
P(%)	0.000	el	0.000
Coordonata			
Vcb	649199.082N	319858.178E	
Va	649199.082N	319858.178E	
Ti	649173.981N	319857.740E	
Tel	649173.981N	319857.740E	
Tee	648224.173N	319857.355E	
Te	648224.173N	319857.355E	



LEGENDA:	
Limita proprietate DJ 109P	—
Margine carosabil	—
Margine acostament	—
Dispozitive de scurgerea apelor	—
Fundatie continua tip "L"	—
Parapete de siguranta	—
Rigola ranforsata	—
Zid de sprijin rambleu/debleu	—

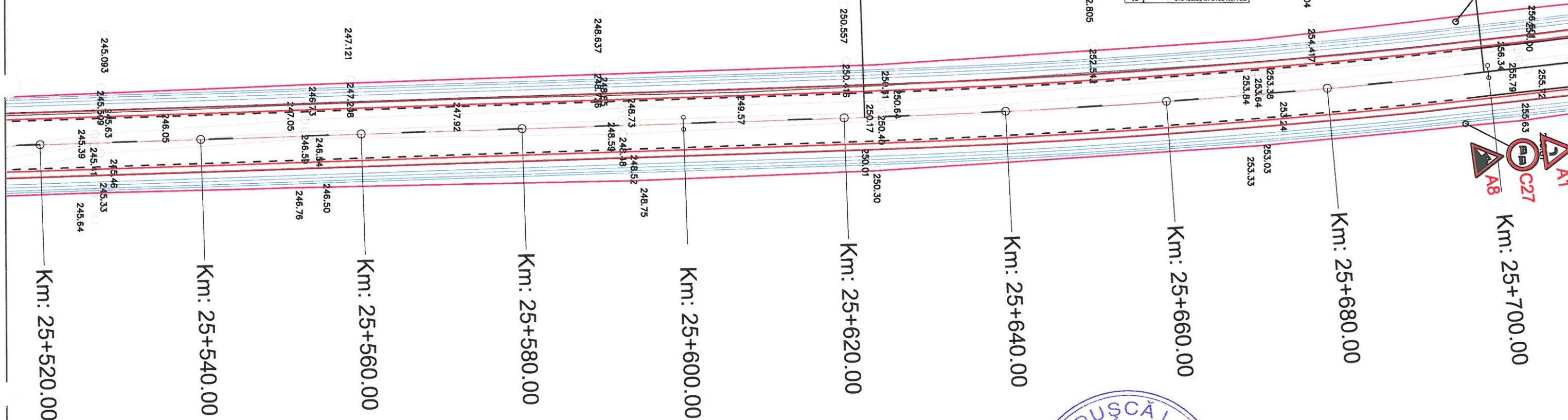


VERIFICATOR		Referat nr.	
VERIFICATOR/ EXPERT		REFERAT / EXPERTIZA NR. / DATA	
S.C. STARCOM EXIM S.R.L. Cluj-Napoca, str.Locomotivei,nr.4 tel/fax. 0264 433217		Beneficiar:	U.A.T. JUDETUL SALAJ
SPECIFICATIE	NUME	SEMNATURA	Scara: 1:500
COORDONATOR PROIECT	Ing. Andrei Cozma		
PROIECTAT	Ing. Silviu Serbanescu		
DESENAT	Ing. Silviu Serbanescu		
		Data:	2020
		Titlu proiect:	MODERNIZARE DJ 109P, KM 24+065 - 27+590, CAMAR-LIMITA JUDET SATU MARE
		Titlu plansa:	PLAN DE SITUATIE
		Proiect nr.	8/2020
		Faza:	P.T.+D.D.E.
		Plansa nr.	2.9

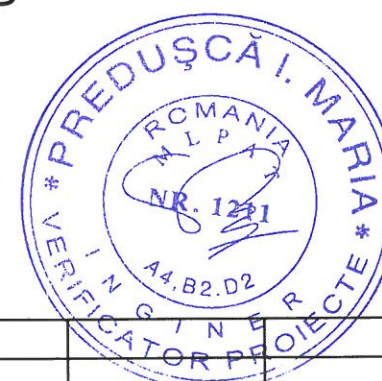




12			
v[km/h]	60	L[m]	0.000
U	175.5698	Lef[m]	0.000
R[m]	1000.000	C[m]	78.977
T[m]	38.507	Kel[m]	0.000
Tel[m]	38.507	el[m]	0.000
%	0.000	e	0.000
Coordonate			
Vcb	649418.318N	319850.992E	
Va	649418.318N	319850.992E	
Tl	649379.832N	319852.253E	
Tal	649379.832N	319852.253E	
Teb	649456.594N	319846.776E	
Te	649456.594N	319846.776E	



LEGENDA:	
Limita proprietate DJ 109P	
Margine carosabil	
Margine acostament	
Dispozitive de scurgerea apelor	
Fundatie continua tip "L"	
Parapete de siguranta	
Rigola ranforsata	
Zid de sprijin rambleu/debleu	



VERIFICATOR			Referat nr.
VERIFICATOR/ EXPERT		SEMNATURA	CERINTA
S.C. STARCOM EXIM S.R.L. Cluj-Napoca, str. Locomotivei, nr. 4 tel/fax. 0264 433217			REFERAT / EXPERTIZA NR. / DATA
			Beneficiar:
			U.A.T. JUDETUL SALAJ
			Proiect nr. 8/2020
SPECIFICATIE	NUME	SEMNATURA	Scara: 1:500
COORDONATOR PROIECT	Ing. Andrei Cozma		Titlu proiect:
PROIECTAT	Ing. Silviu Serbanescu		MODERNIZARE DJ 109P, KM 24+065 - 27+590, CAMAR-LIMITA JUDET SATU MARE
DESENAT	Ing. Silviu Serbanescu		Titlu plansa:
			PLAN DE SITUATIE
			Faza: P.T.+D.D.E.
			Plansa nr. 2.10







15			
Vkm/h	40	Lim	0.000
U	188.5003	Lim	0.000
Rim	55.000	Cim	11.038
Tilim	5.538	Lim	25.000
Telim	5.538	Lim	0.750
Ta	7.000	Lim	0.750
Coordonate			
Vcb	649718.468N	319750.630E	
Va	649718.468N	319750.630E	
Ti	649713.380N	319752.830E	
Ta	649713.380N	319752.830E	
Ta	649723.012N	319747.473E	
Ta	649723.012N	319747.473E	

16			
Vkm/h	40	Lim	0.000
U	142.7438	Lim	0.000
Rim	55.000	Cim	36.783
Tilim	18.540	Lim	25.000
Telim	18.540	Lim	0.750
Ta	7.000	Lim	0.750
Coordonate			
Vcb	649740.028N	319735.634E	
Va	649740.028N	319735.634E	
Ti	649724.809N	319748.222E	
Ta	649724.809N	319748.222E	
Ta	649758.551N	319738.419E	
Ta	649758.551N	319738.419E	

14			
Vkm/h	60	Lim	0.000
U	178.0508	Lim	0.000
Rim	1500.000	Cim	51.036
Tilim	25.520	Lim	0.000
Telim	25.520	Lim	0.000
Ta	0.000	Lim	0.000
Coordonate			
Vcb	649837.038N	319785.755E	
Va	649837.038N	319785.755E	
Ti	649813.962N	319796.653E	
Ta	649813.962N	319796.653E	
Ta	649860.471N	319775.649E	
Ta	649860.471N	319775.649E	

## LEGENDA:

Limita proprietate DJ 109P  
 Margine carosabil  
 Margine acostament  
 Dispozitive de scurgerea apelor  
 Fundatie continua tip "L"  
 Parapete de siguranta  
 Rigola ranforsata  
 Zid de sprijin rambleu/debleu



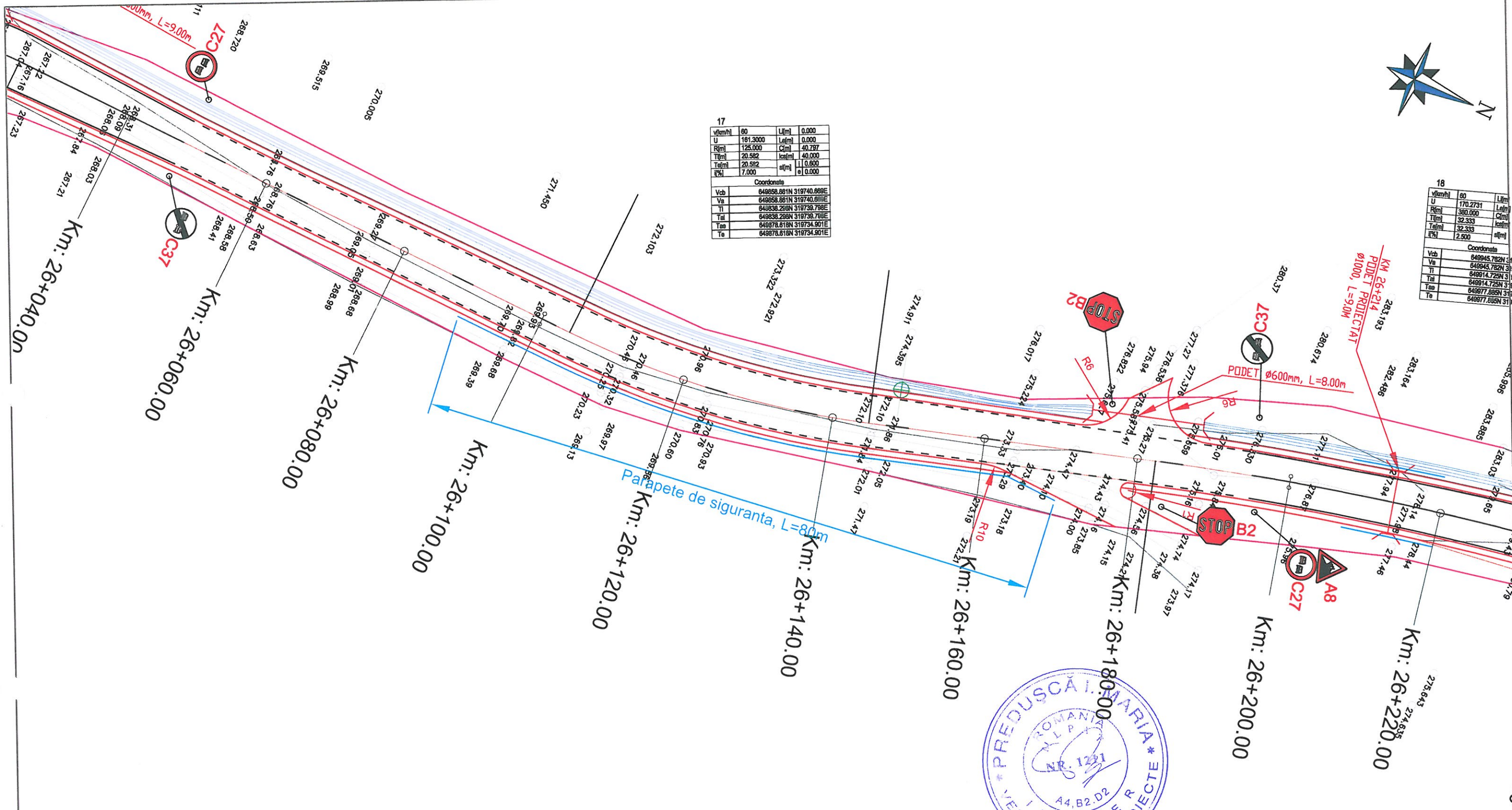
VERIFICATOR		Referat nr.	
VERIFICATOR/EXPERT		REFERAT / EXPERTIZA NR. / DATA	
S.C. STARCOM EXIM S.R.L. Cluj-Napoca, str. Locomotivei, nr. 4 tel/fax: 0264 433217		Beneficiar:	Proiect nr. 8/2020
		U.A.T. JUDEȚUL SALAJ	
SPECIFICATIE	NUME	SEMNTURA	Scara: 1:500
COORDONATOR PROIECT	Ing. Andrei Cozma		Titlu proiect: MODERNIZARE DJ 109P, KM 24+065 - 27+590, CAMAR-LIMITA JUDEȚ SATU MARE
PROIECTAT	Ing. Silviu Serbanescu		Titlu plansa: PLAN DE SITUATIE
DESENAT	Ing. Silviu Serbanescu		Plansa nr. 2.12





17			
Vkm/h	60	L(m)	0.000
U	161.3000	L(m)	0.000
R(m)	125.000	C(m)	40.787
T(m)	20.582	ka(m)	40.000
Ta(m)	20.582	ai(m)	0.600
Te	7.000	e	0.000
Coordonata			
Vcb	649858.881N	319740.869E	
Va	649858.881N	319740.869E	
Ti	649838.268N	319739.798E	
Ta	649838.268N	319739.798E	
Tb	649878.818N	319734.901E	
Te	649878.818N	319734.901E	

18			
Vkm/h	60	L(m)	
U	170.2731	L(m)	
R(m)	380.000	C(m)	
T(m)	32.333	ka(m)	
Ta(m)	32.333	ai(m)	
Te	2.500	e	
Coordonata			
Vcb	649945.782N	319740.869E	
Va	649945.782N	319740.869E	
Ti	649914.728N	319739.798E	
Ta	649914.728N	319739.798E	
Tb	649977.885N	319734.901E	
Te	649977.885N	319734.901E	



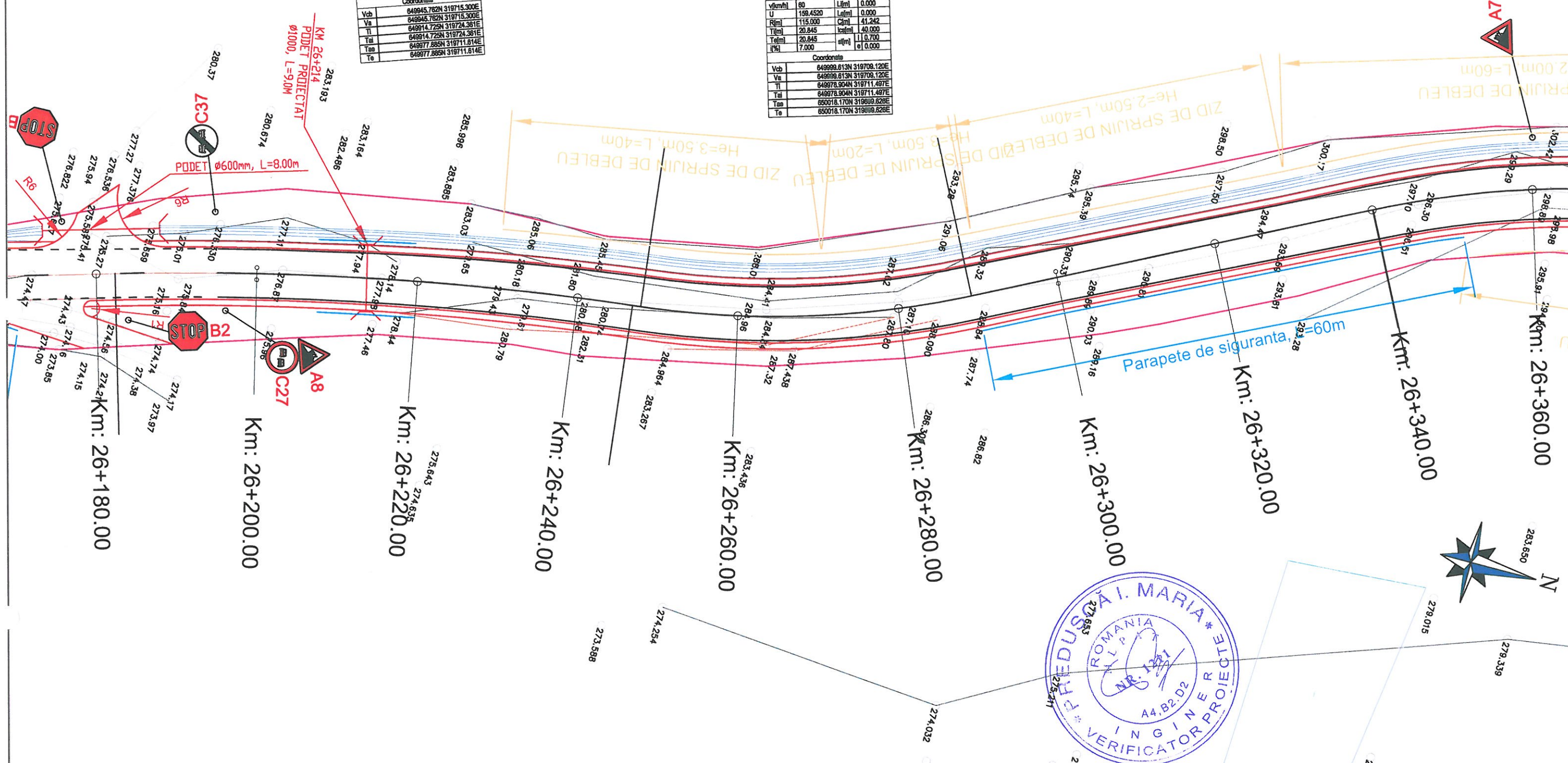
LEGENDA:	
Limita proprietate DJ 109P	—
Margine carosabil	—
Margine acostament	—
Dispozitive de scurgerea apelor	—
Fundatie continua tip "L"	—
Parapete de siguranta	—
Rigola ranforsata	—
Zid de sprijin rambleu/debleu	—

VERIFICATOR		Referat nr.	
VERIFICATOR/ EXPERT		REFERAT / EXPERTIZA NR. / DATA	
SEMNATURA		Beneficiar:	Proiect nr.
CERINTA		U.A.T. JUDETUL SALAJ	8/2020
S.C. STARCOM EXIM S.R.L.		Titlu proiect:	Faza:
Cluj-Napoca, str.Locomotivei,nr.4		MODERNIZARE DJ 109P,	P.T.+D.D.E.
tel/fax. 0264 433217		KM 24+065 - 27+590,	
		CAMAR-LIMITA JUDET SATU MARE	
SPECIFICATIE	NUME	Scara:	Titlu plansa:
COORDONATOR PROIECT	Ing. Andrei Cozma	1:500	PLAN DE SITUATIE
PROIECTAT	Ing. Silviu Serbanescu	Data:	Plansa nr.
DESENAT	Ing. Silviu Serbanescu	2020	2.13



18					
Vb	80	L(m)	0.000		
U	170.2731	L(m)	0.000		
R(m)	380.000	C(m)	84.511		
T(m)	32.333	l(m)	40.000		
Ta(m)	32.333	l(m)	0.000		
Ta	2.500	l(m)	0.000		
Coordonate					
Vb	649945.762N	319715.300E			
Va	649945.762N	319715.300E			
Ti	649914.725N	319724.361E			
Ta	649914.725N	319724.361E			
Ta	649977.885N	319711.814E			
Te	649977.885N	319711.814E			

19					
Vb	80	L(m)	0.000		
U	150.4520	L(m)	0.000		
R(m)	115.000	C(m)	41.242		
T(m)	20.845	l(m)	40.000		
Ta(m)	20.845	l(m)	0.700		
Ta	7.000	l(m)	0.000		
Coordonate					
Vb	649999.613N	319708.120E			
Va	649999.613N	319708.120E			
Ti	649978.904N	319711.497E			
Ta	649978.904N	319711.497E			
Ta	650018.170N	319699.626E			
Te	650018.170N	319699.626E			



### LEGENDA:



Limita proprietate DJ 109P  
 Margine carosabil  
 Margine acostament  
 Dispozitive de scurgerea apelor  
 Fundatie continua tip "L"  
 Parapete de siguranta  
 Rigola ranforsata  
 Zid de sprijin rambleu/debleu

VERIFICATOR				Referat nr.	
VERIFICATOR/ EXPERT		SEMNTURA	CERINTA	REFERAT / EXPERTIZA NR. / DATA	
S.C. STARCOM EXIM S.R.L. Cluj-Napoca, str.Locomotivei,nr.4 tel/fax. 0264 433217				Beneficiar:	Proiect nr. 8/2020
				U.A.T. JUDETUL SALAJ	
SPECIFICATIE	NUME	SEMNTURA	Scara: 1:500	Titlu proiect:	Faza: P.T.+D.D.E.
COORDONATOR PROIECT	Ing. Andrei Cozma			MODERNIZARE DJ 109P, KM 24+065 - 27+590, CAMAR-LIMITA JUDET SATU MARE	
PROIECTAT	Ing. Silviu Serbanescu		Data: 2020	Titlu plansa:	Plansa nr. 2.14
DESENAT	Ing. Silviu Serbanescu			PLAN DE SITUATIE	



20			
$v_{\text{fmax}}/u$	80	$L_{\text{fmax}}$	0.000
$R(u)$	139.4459	$L(u)$	0.000
$T(u)$	115.000	$C(u)$	81.387
$T(u)$	42.487	$ic(u)$	40.000
$T(u)$	42.487	$u(u)$	11.700
$u(u)$	7.000	$e(u)$	0.000
Coordinate			
Vcb	650101.380N 319857.055E		
Va	650101.380N 319857.055E		
Tl	650063.555N 319876.408E		
Ti	650063.555N 319876.408E		
Ta	650142.701N 319868.944E		
Tse	650142.701N 319868.944E		

20			
$v_{\text{fmax}}/u$	80	$L_{\text{fmax}}$	0.000
$R(u)$	139.4459	$L(u)$	0.000
$T(u)$	115.000	$C(u)$	81.387
$T(u)$	42.487	$ic(u)$	40.000
$T(u)$	42.487	$u(u)$	11.700
$u(u)$	7.000	$e(u)$	0.000
Coordinate			
Vcb	650101.380N 319857.055E		
Va	650101.380N 319857.055E		
Tl	650063.555N 319876.408E		
Ti	650063.555N 319876.408E		
Ta	650142.701N 319868.944E		
Tse	650142.701N 319868.944E		

VERIFICATOR				Referat nr.	
VERIFICATOR/ EXPERT		SEMNATURA	CERINTA	REFERAT / EXPERTIZA NR. / DATA	
S.C. STARCOM EXIM S.R.L. Cluj-Napoca, str.Locomotivei,nr.4 tel/fax. 0264 433217				Beneficiar:  U.A.T. JUDETUL SALAJ	Proiect nr. 8/2020
SPECIFICATIE	NUME	SEMNATURA	Scara: 1:500	Titlu proiect:  MODERNIZARE DJ 109P, KM 24+065 - 27+590, CAMAR-LIMITA JUDET SATU MARE	Faza: P.T.+D.D.E
COORDONATOR PROIECT	Ing. Andrei Cozma				
PROIECTAT	Ing. Silviu Serbanescu		Data: 2020	Titlu plansa:  PLAN DE SITUATIE	Plansa nr. 2.15
DESENAT	Ing. Silviu Serbanescu				



22			
Vkm/h	80	L(m)	0.000
U	187.9943	L(m)	0.000
R(m)	125.000	C(m)	26.192
T(m)	13.144	L(m)	40.000
Tel(m)	13.144	L(m)	0.600
P%	7.000	a(m)	0.000
Coordonate			
Vcb	650293.233N	319888.941E	
Va	650293.233N	319888.941E	
Tl	650290.142N	319887.751E	
Tel	650290.142N	319887.751E	
Ta	650306.789N	319892.828E	
Te	650306.789N	319892.828E	



23			
Vkm/h	40	L(m)	0.000
U	103.000	L(m)	0.000
R(m)	25.000	C(m)	26.192
T(m)	43.465	L(m)	40.000
Tel(m)	43.465	L(m)	0.600
P%	7.000	a(m)	0.000
Coordonate			
Vcb	650404.075N	319904.075E	
Va	650404.075N	319904.075E	
Tl	650401.075N	319903.075E	
Tel	650401.075N	319903.075E	
Ta	650401.075N	319903.075E	
Te	650401.075N	319903.075E	

LEGENDA:	
Limita proprietate DJ 109P	—
Margine carosabil	—
Margine acostament	—
Dispozitive de scurgerea apelor	—
Fundatie continua tip "L"	—
Parapete de siguranta	—
Rigola ranforsata	—
Zid de sprijin rambleu/debleu	—

VERIFICATOR				Referat nr.
VERIFICATOR/ EXPERT		SEMNATURA	CERINTA	REFERAT / EXPERTIZA NR. / DATA
S.C. STARCOM EXIM S.R.L. Cluj-Napoca, str.Locomotivei,nr.4 tel/fax. 0264 433217				Beneficiar:
				U.A.T. JUDETUL SALAJ
				Proiect nr. 8/2020
SPECIFICATIE	NUME	SEMNATURA	Scara: 1:500	Titlu proiect:
COORDONATOR PROIECT	Ing. Andrei Cozma			MODERNIZARE DJ 109P, KM 24+065 - 27+590, CAMAR-LIMITA JUDET SATU MARE
PROIECTAT	Ing. Silviu Serbanescu		Data: 2020	Faza: P.T.+D.D.E.
DESENAT	Ing. Silviu Serbanescu			Titlu plansa:
				PLAN DE SITUATIE
				Plansa nr. 2.16

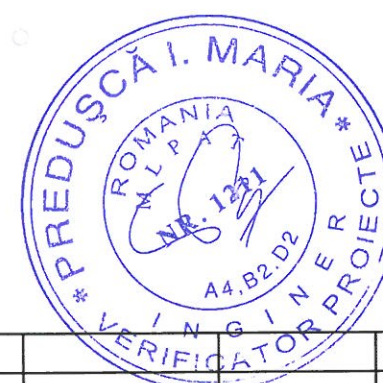
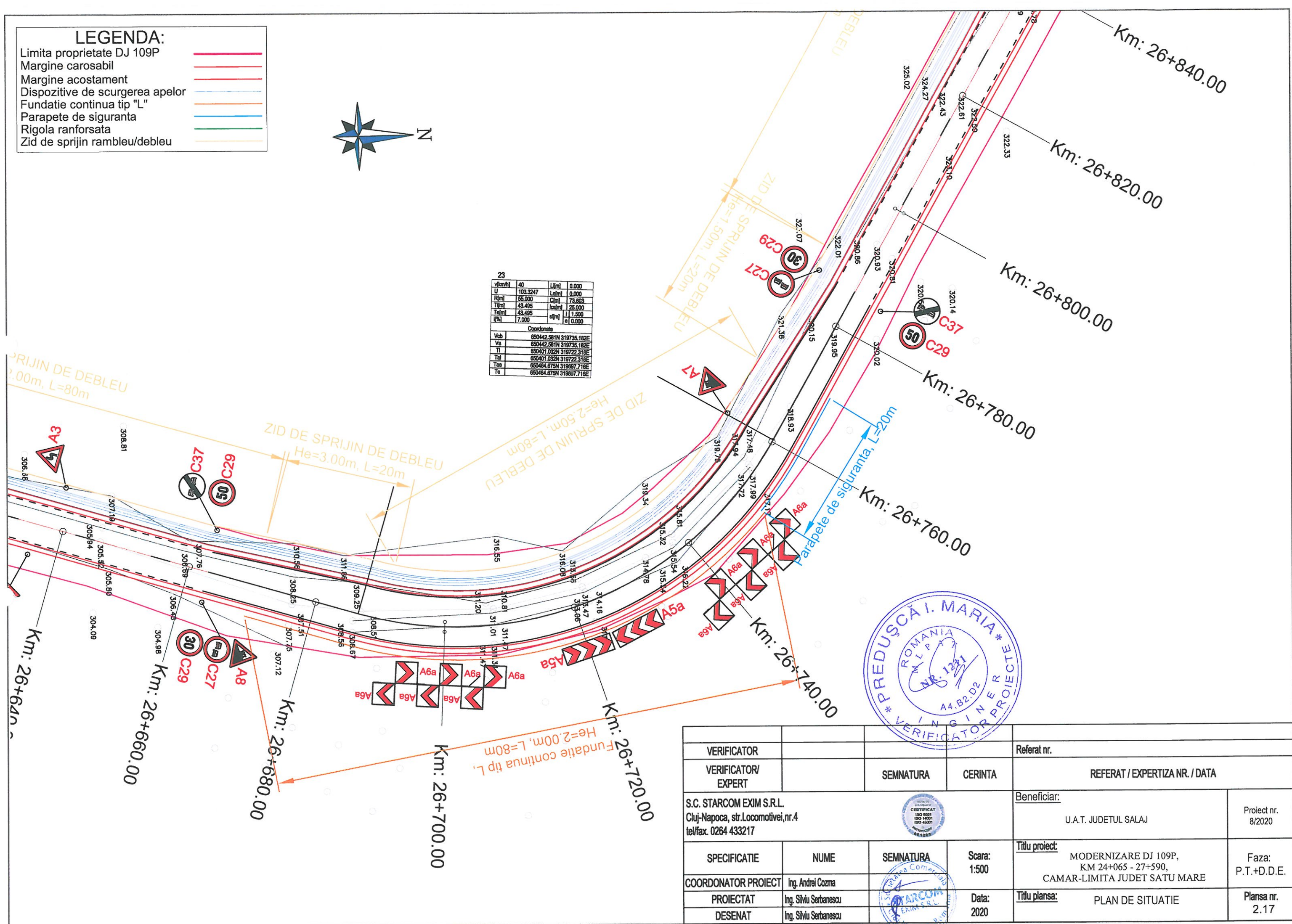


# LEGENDA:

Limita proprietate DJ 109P	
Margine carosabil	
Margine acostament	
Dispozitive de scurgerea apelor	
Fundatie continua tip "L"	
Parapete de siguranta	
Rigola ranforsata	
Zid de sprijin rambleu/debleu	



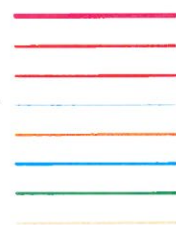
23			
Vkm/h	40	Lkm	0.000
U	103.3247	Lkm	0.000
Rm	55.000	Ckm	73.803
Tm	43.495	Lkm	25.000
Te	43.495	Lkm	1.500
W	7.000	km	0.000
Coordonate			
Vob	650442.581N	319735.182E	
Va	650442.581N	319735.182E	
Ti	650401.032N	319722.318E	
Tm	650401.032N	319722.318E	
Te	650404.675N	319697.718E	
Te	650404.675N	319697.718E	



VERIFICATOR				Referat nr.	
VERIFICATOR/EXPERT		SEMNTURA	CERINTA	REFERAT / EXPERTIZA NR. / DATA	
S.C. STARCOM EXIM S.R.L. Cluj-Napoca, str. Locomotivei, nr. 4 tel/fax. 0264 433217				Beneficiar:	Proiect nr.
				U.A.T. JUDETUL SALAJ	8/2020
SPECIFICATIE	NUME	SEMNTURA	Scara: 1:500	Titlu proiect:	Faza:
COORDONATOR PROIECT	Ing. Andrei Cozma			MODERNIZARE DJ 109P, KM 24+065 - 27+590, CAMAR-LIMITA JUDET SATU MARE	P.T.+D.D.E.
PROIECTAT	Ing. Silviu Serbanescu		Data: 2020	Titlu plansa:	Plansa nr.
DESENAT	Ing. Silviu Serbanescu			PLAN DE SITUATIE	2.17



Zid de sprijin rambleu/debleu

[illegible]

80.00



~~Km: 26+940.00~~

-Km: 26+920.00

Km: 26+900.00

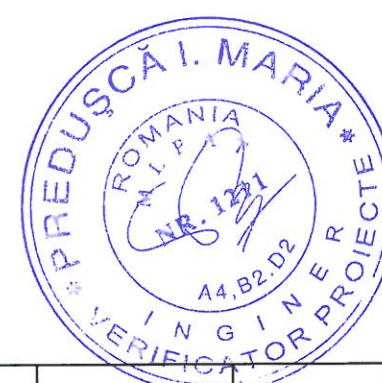
24			
v[cm/h]	80	L[mm]	0.000
U	1265.3194	L[mm]	0.000
R[mm]	100.500	C[mm]	32.028
T[mm]	16.102	ka[mm]	40.000
Te[mm]	16.102	i	0.600
q[%]	7.000	a[mm]	0.000
Coordonata			
Vcb	650527.110N 318591.840E		
Va	650527.110N 318591.840E		
Ti	650518.931N 318605.710E		
Ta	650518.931N 318605.710E		
Ta	650531.508N 319573.350E		
Ta	650531.508N 319573.350E		


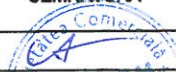

Km: 26+880.00

Km: 26+860.00

-Km: 26+840.00

-Km: 26+820.00

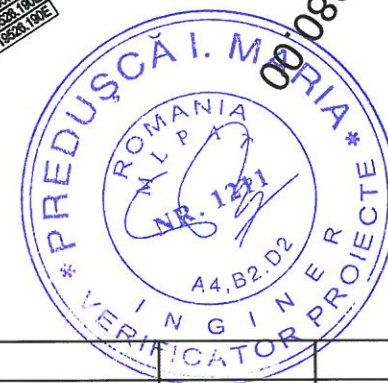
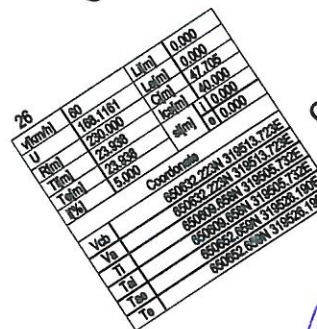




VERIFICATOR				Referat nr.	
VERIFICATOR/ EXPERT		SEMNATURA	CERINTA	REFERAT / EXPERTIZA NR. / DATA	
S.C. STARCOM EXIM S.R.L. Cluj-Napoca, str.Locomotivei,nr.4 tel/fax. 0264 433217				Beneficiar:	Proiect nr.
				U.A.T. JUDETUL SALAJ	8/2020
SPECIFICATIE	NUME	SEMNATURA	Scara: 1:500	Titlu proiect:	Faza:
COORDONATOR PROIECT	Ing. Andrei Cozma			MODERNIZARE DJ 109P, KM 24+065 - 27+590, CAMAR-LIMITA JUDET SATU MARE	P.T.+D.D.E.
PROIECTAT	Ing. Silviu Serbanescu		Data: 2020	Titlu plansa:	Plansa nr.
DESENAT	Ing. Silviu Serbanescu			PLAN DE SITUATIE	2.18



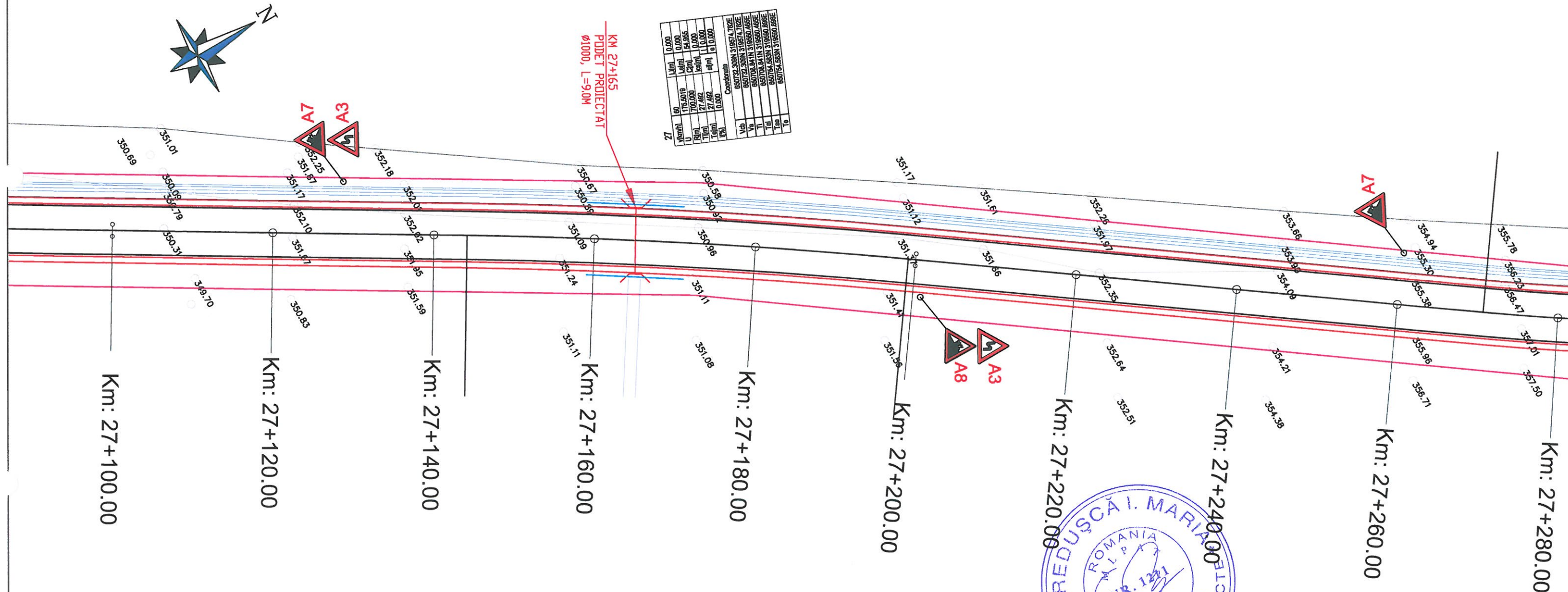
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Coordinates	
Vcb	650558.861N 319487.033E
Va	650558.861N 319487.033E
Ti	650548.874N 319522.922E
Tai	650548.874N 319522.922E
Tao	650592.026N 319499.486E
Te	650592.026N 319499.486E



VERIFICATOR				Referat nr.	
VERIFICATOR/ EXPERT		SEMNATURA	CERINTA	REFERAT / EXPERTIZA NR. / DATA	
S.C. STARGOM EXIM S.R.L. Cluj-Napoca, Str. Locomotivei, nr.4 tel/fax. 0264 433217				Beneficiar:  U.A.T. JUDETUL SALAJ	Proiect nr. 8/2020
SPECIFICATIE	NUME	SEMNATURA	Scara: 1:500	<u>Titlu proiect:</u>  MODERNIZARE DJ 109P, KM 24+065 - 27+590, CAMAR-LIMITA JUDET SATU MARE	Faza: P.T.+D.D.E
COORDONATOR PROIECT	Ing. Andrei Cozma				
PROIECTAT	Ing. Silviu Serbanescu		Data: 2020	<u>Titlu planşa:</u>  PLAN DE SITUATIE	Planşa nr. 2.19
DESENAT	Ing. Silviu Serbanescu				

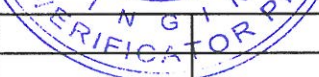





27	Month	60	Jan	0.000
	Jan	175.6519	Jan	0.000
	Feb	700.000	Feb	0.000
	Mar	27.482	Mar	0.000
	Apr	27.482	Apr	0.000
	May	27.482	May	0.000
	Jun	0.000	Jun	0.000
	Jul	0.000	Jul	0.000
	Aug	0.000	Aug	0.000
	Sep	0.000	Sep	0.000
	Oct	0.000	Oct	0.000
	Nov	0.000	Nov	0.000
	Dec	0.000	Dec	0.000
	Year	0.000	Year	0.000

## LEGENDA:

Limita proprietate DJ 109P	
Margine carosabil	
Margine acostament	
Dispozitive de scurgerea apelor	
Fundatie continua tip "L"	
Parapete de siguranta	
Rigola ranforsata	
Zid de sprijin rambleu/debleu	

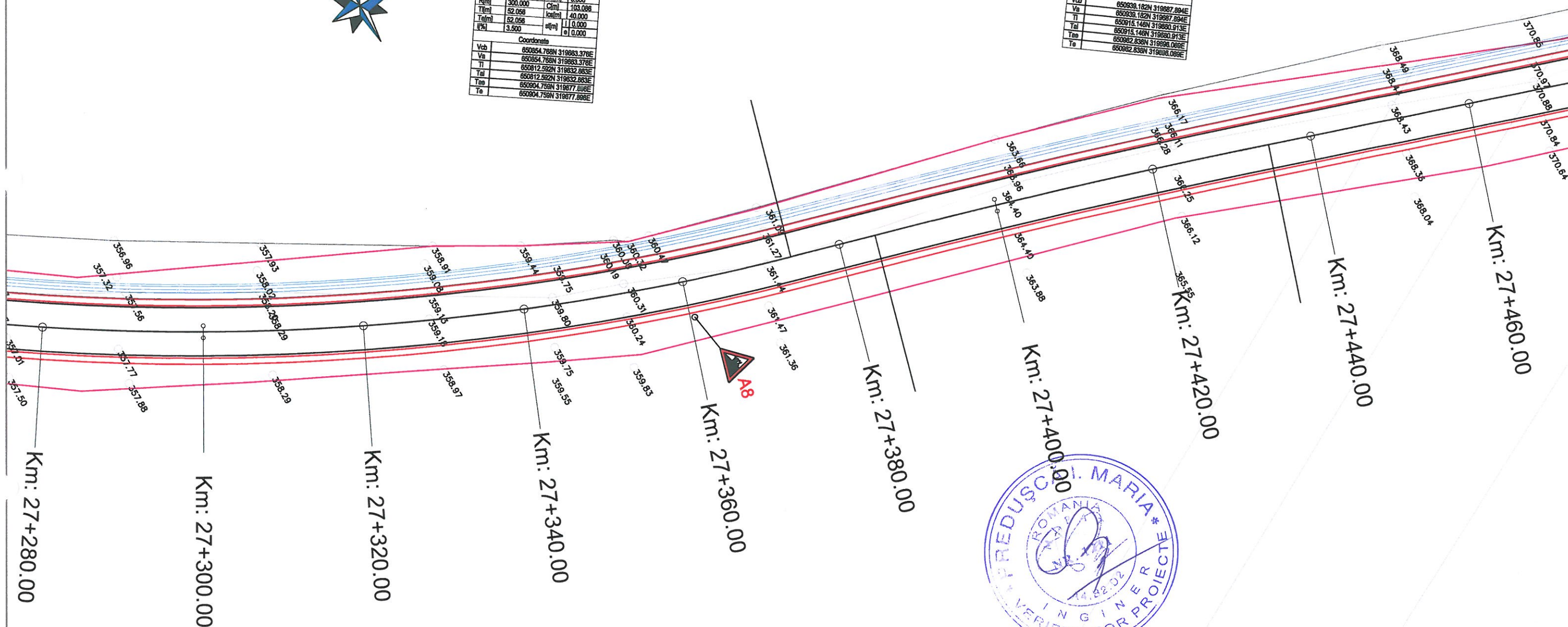
					
VERIFICATOR				Referat nr.	
VERIFICATOR/ EXPERT		SEMNATURA		REFERAT / EXPERTIZA NR. / DATA	
S.C. STARCOM EXIM S.R.L. Cluj-Napoca, str.Locomotivei,nr.4 tel/fax. 0264 433217				Beneficiar:  U.A.T. JUDETUL SALAJ	
				Proiect nr. 8/2020	
SPECIFICATIE		NUME		Titlu proiect	
COORDONATOR PROIECT		Ing. Andrei Cozma		MODERNIZARE DJ 109P, KM 24+065 - 27+590, CAMAR-LIMITA JUDET SATU MARE	
PROIECTAT		Ing. Silviu Serbanescu		Faza: P.T.+D.D.E.	
DESENAT		Ing. Silviu Serbanescu		Titlu plansa: PLAN DE SITUATIE	
				Plansa nr. 2.20	





28			
Vkm/h	80	L(m)	0.000
U	160.3120	Lef(m)	0.000
R(m)	300.000	C(m)	103.088
T(m)	52.058	Ic(m)	40.000
Tel(m)	52.058	sl(m)	0.000
I(%)	3.500	a	0.000
Coordonate			
Vcb	650854.788N	319883.378E	
Va	650854.788N	319883.378E	
Ti	650812.582N	319832.863E	
Tal	650812.582N	319832.863E	
Tee	650804.758N	319877.886E	
Te	650804.758N	319877.886E	

29			
Vkm/h	80	L(m)	0.000
U	177.1325	Lef(m)	0.000
R(m)	1000.000	C(m)	50.048
T(m)	25.029	Ic(m)	0.000
Tel(m)	25.029	sl(m)	0.000
I(%)	0.000	a	0.000
Coordonate			
Vcb	650938.182N	319887.894E	
Va	650938.182N	319887.894E	
Ti	650915.146N	319830.913E	
Tal	650915.146N	319830.913E	
Tee	650862.838N	319898.069E	
Te	650862.838N	319898.069E	



### LEGENDA:

Limita proprietate DJ 109P	—
Margine carosabil	—
Margine acostament	—
Dispozitive de scurgerea apelor	—
Fundatie continua tip "L"	—
Parapete de siguranta	—
Rigola ranforsata	—
Zid de sprijin rambleu/debleu	—

VERIFICATOR				Referat nr.
VERIFICATOR/ EXPERT		SEMNATURA	CERINTA	REFERAT / EXPERTIZA NR. / DATA
S.C. STARCOM EXIM S.R.L. Cluj-Napoca, str.Locomotivei,nr.4 tel/fax. 0264 433217				Beneficiar: U.A.T. JUDETUL SALAJ
SPECIFICATIE				Proiect nr. 8/2020
COORDONATOR PROIECT	Ing. Andrei Cozma	SEMNATURA	Scara: 1:500	Titlu proiect: MODERNIZARE DJ 109P, KM 24+065 - 27+590, CAMAR-LIMITA JUDET SATU MARE
PROIECTAT	Ing. Silviu Serbanescu		Data: 2020	
DESENAT	Ing. Silviu Serbanescu			
				Faza: P.T.+D.D.E.
				Titlu plansa: PLAN DE SITUATIE
				Plansa nr. 2.21



	$L(f)$	0.000
1325	$L_e(f)$	0.000
000	$C(f)$	50.048
9	$l_e(f)$	0.000
9	$a(f)$	0.000
	$a$	0.000

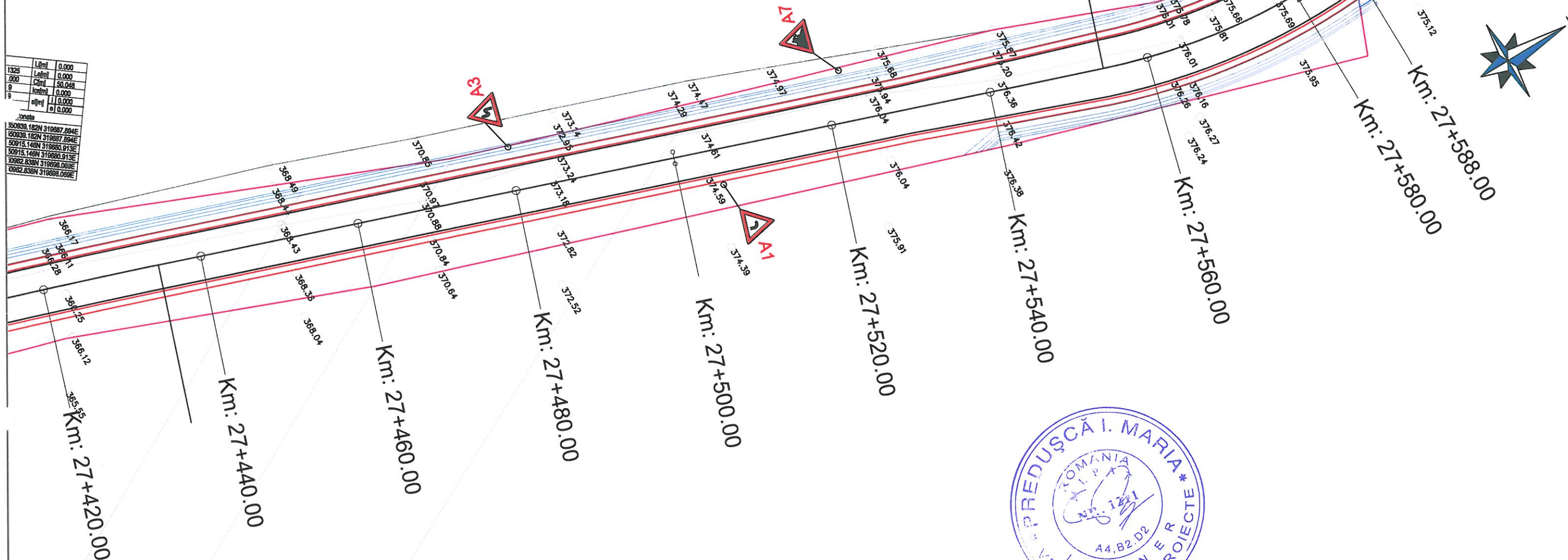
Ioneta

350939.182N 319687.894E  
 150939.182N 319687.894E  
 50915.146N 319680.913E  
 50915.146N 319680.913E  
 30962.838N 319686.069E  
 0962.838N 319686.069E

30					
$v_1$ (m/s)	40	$U_1$ (m)	0.000		
$U$	156.9243	$L_{u1}$	0.000		
$P_1$ (m)	80.000	$C_{l1}$	29.427		
$T_1$ (m)	14.882	$i_{u1}$	25.000		
$T_{u1}$ (m)	14.882	$a_1$	0.550		
$\beta_1$	6.000				


Coordinates	
$V_{ub}$	651090.074N 319740.037E
$V_a$	651090.074N 319735.177E
$T_1$	651078.008N 319735.177E
$T_u$	651104.947N 319739.515E
$T_a$	651104.947N 319739.515E
$T_e$	



**LEGENDA:**

- |                                 |  |
|---------------------------------|--|
| Limita proprietate DJ 109P      |  |
| Margine carosabil               |  |
| Margine acostament              |  |
| Dispozitive de scurgerea apelor |  |
| Fundatie continua tip "L"       |  |
| Parapete de siguranta           |  |
| Rigola ranforsata               |  |
| Zid de sprijin rambleu/debleu   |  |



VERIFICATOR				Referat nr.
VERIFICATOR/ EXPERT		SEMNATURA	CERINTA	REFERAT / EXPERTIZA NR. / DATA
S.C. STARCOM EXIM S.R.L. Cluj-Napoca, str. Locomotivei, nr. 4 tel/fax. 0264 433217				Beneficiar:  U.A.T. JUDETUL SALAJ  Proiect nr. 8/2020
SPECIFICATIE	NUME	SEMNATURA	Scara: 1:500	Titlu proiect: MODERNIZARE DJ 109P, KM 24+065 - 27+590, CAMAR-LIMITA JUDET SATU MARE  Faza: P.T.+D.D.E.
COORDONATOR PROIECT	Ing. Andrei Cozma		Data: 2020	Titlu plansa: PLAN DE SITUATIE  Plansa nr. 2.22
PROIECTAT	Ing. Silviu Serbanescu			
DESENAT	Ing. Silviu Serbanescu			



Oprire - 6 bucati.



Cedeaza trecerea - 1 bucata.



Urcarea cu inclinare mare - 9 bucati.



Coborare periculoasa - 9 bucati.



Curba la stanga - 2 bucati.



Curba la dreapta - 1 bucata.



Curba dubla sau o succesiune de mai mult de doua curbe, prima la stanga - 8 bucati.



Curba dubla sau o succesiune de mai mult de doua curbe, prima la dreapta - 2 bucati.



Panouri succesive pentru curbe deosebit de periculoase - 36 bucati.



Curba deosebit de periculoasa - 6 bucati.



Depasirea autovehiculelor cu exceptia motocicletelor fara atas, interzisa - 16 bucati.



Sfarsitul interzicerii de a depasi - 14 bucati.



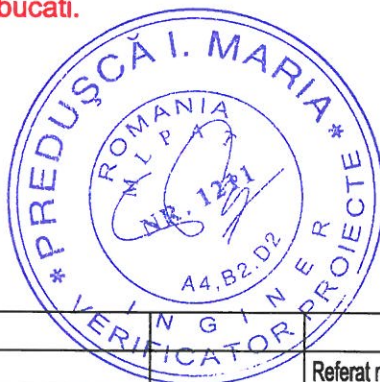
Accesul interzis vehiculelor cu masa mai mare de 7t - 2 bucati.



Limitare de viteza - 6 bucati.



Limitare de viteza - 8 bucati.



VERIFICATOR				Referat nr.	
VERIFICATOR/ EXPERT		SEMNTURA	CERINTA	REFERAT / EXPERTIZA NR. / DATA	
S.C. STARCOM EXIM S.R.L. Cluj-Napoca, str.Locomotivei,nr.4 tel/fax. 0264 433217				Beneficiar:	Proiect nr.
				U.A.T. JUDETUL SALAJ	8/2020
SPECIFICATIE	NUME	SEMNTURA	Scara: 1:500	Titlu proiect:	Faza:
COORDONATOR PROIECT	Ing. Andrei Cozma			MODERNIZARE DJ 109P, KM 24+065 - 27+590, CAMAR-LIMITA JUDET SATU MARE	P.T.+D.D.E.
PROIECTAT	Ing. Silviu Serbanescu		Data: 2020	Titlu plansa:	Plansa nr.
DESENAT	Ing. Silviu Serbanescu			CENTRALIZATOR INDICATOARE RUTIERE	2.23