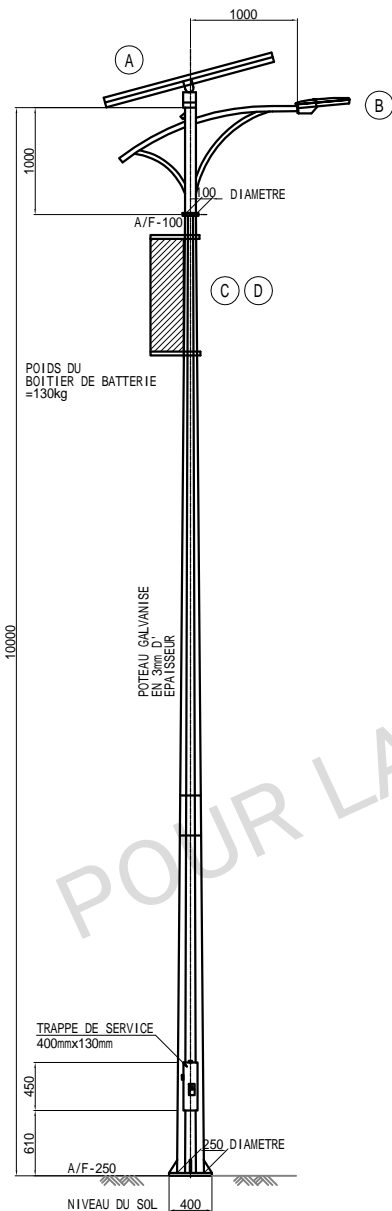


Annexe 5. D'autres documents / informations (Plan de conception)

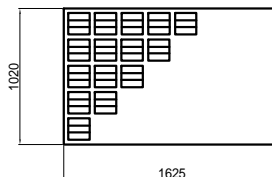
Liste de plans de conception

N°	Contenu du plan	Nombre du plan
1	Profils en travers au niveau standard	1
2	Plan général des éclairages routiers	1
3	Plan de position d'installation des éclairages routiers	18

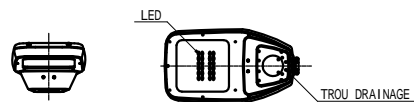
SCHEMA DE L'ECLAIRAGE S=1:25



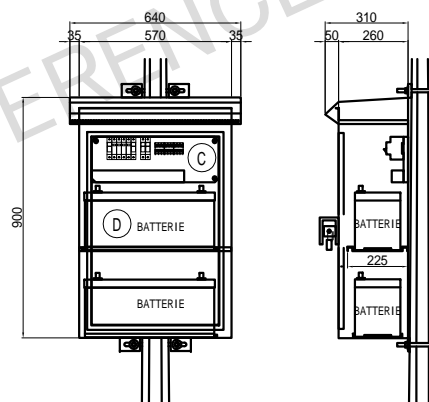
(A) MODULE SOLAIRE S=1:20



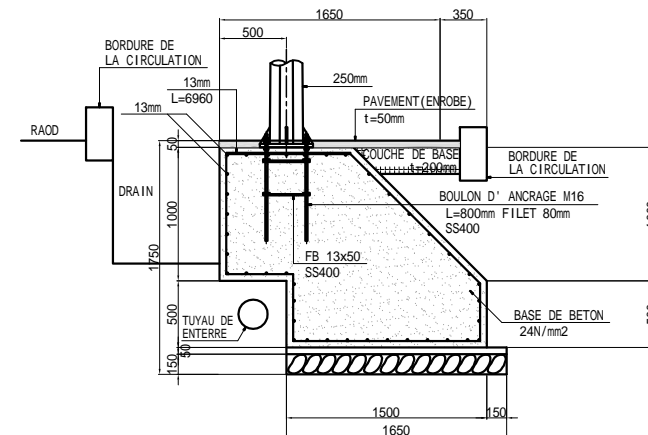
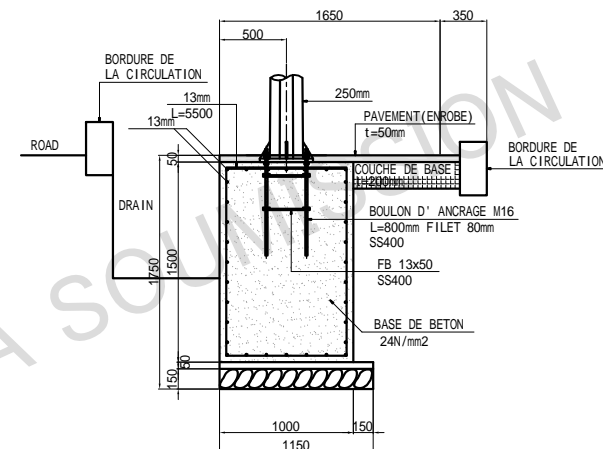
(B) LUMINAIRE LED S=1:10



(C) (D) REGULATEUR • BATTERIE S=1:10



DETAIL DE LA FONDATION S=1:20

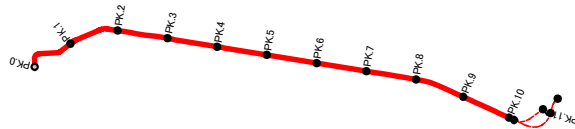
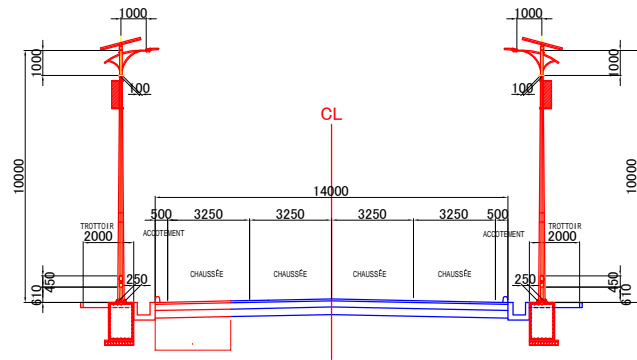


CELLULE INFRASTRUCTURES MINISTRE DES INFRASTRUCTURES ET TRAVAUX PUBLICS	INGEROSEC		PLAN TYPE		
	DATE		ECHELLE	DATE	No.
LE PROJET DE REHABILITATION ET DE MODERNISATION DE L'AVENUE DES POIDS LOURDS A KINHASA	PREPARE PAR				
	VERIFIE PAR				

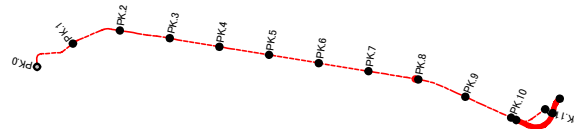
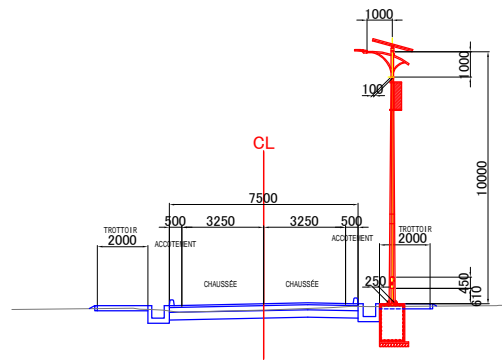
PROFILS EN TRAVERS TYPES

ECHELLE A1 1 : 100
A3 1 : 200

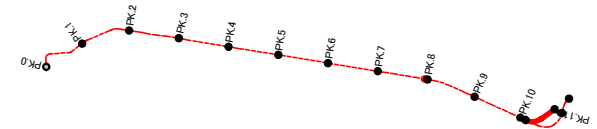
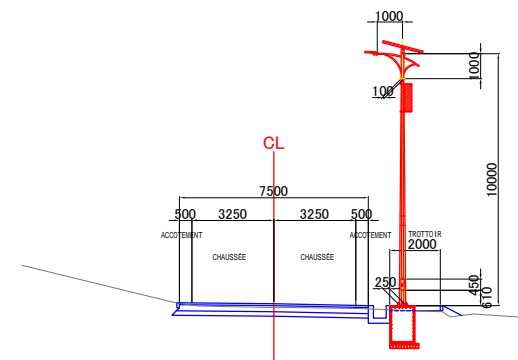
PK0 - PK10+330



PK10+330 - PK11+327



PK0+000 - PK0+603



plan de récolement.

CELLULE INFRASTRUCTURES
MINISTÈRE DES INFRASTRUCTURES ET TRAVAUX PUBLICS

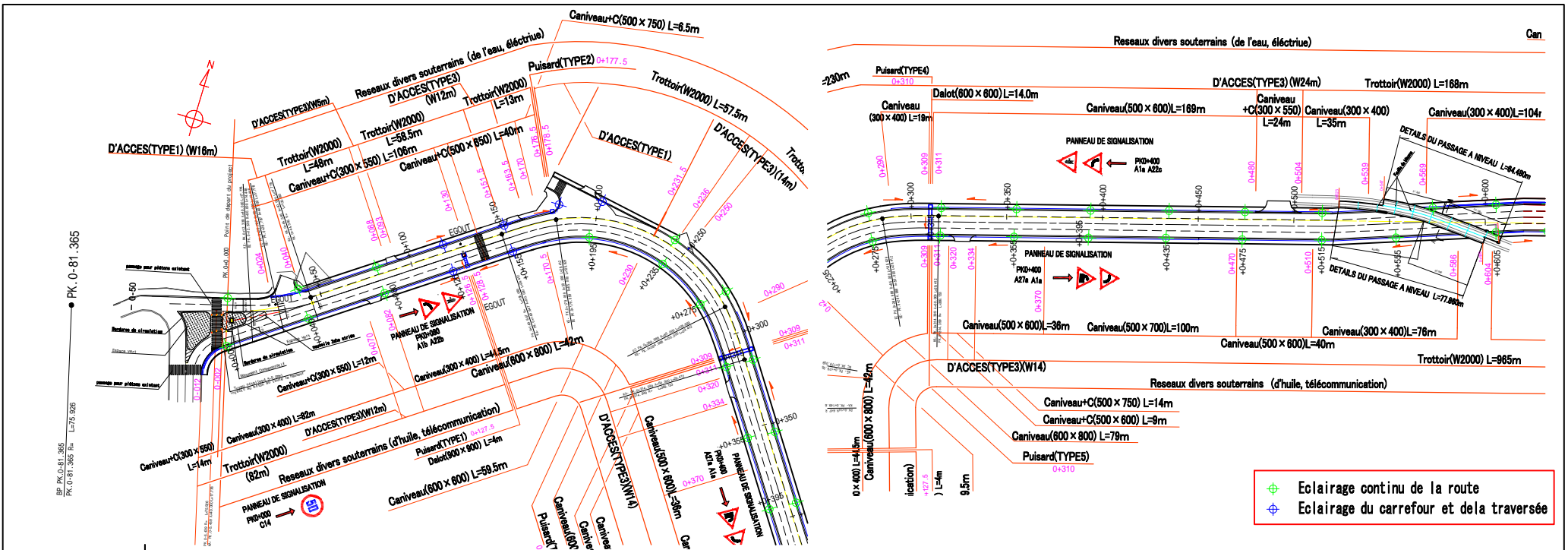
LE PROJET DE REHABILITATION ET
DE MODERNISATION DE L'AVENUE
DES POIDS LOURDS A KINSHASA

INGEROSEC
CORPORATION

DATE:
PREPARE PAR:
VERIFIE PAR:

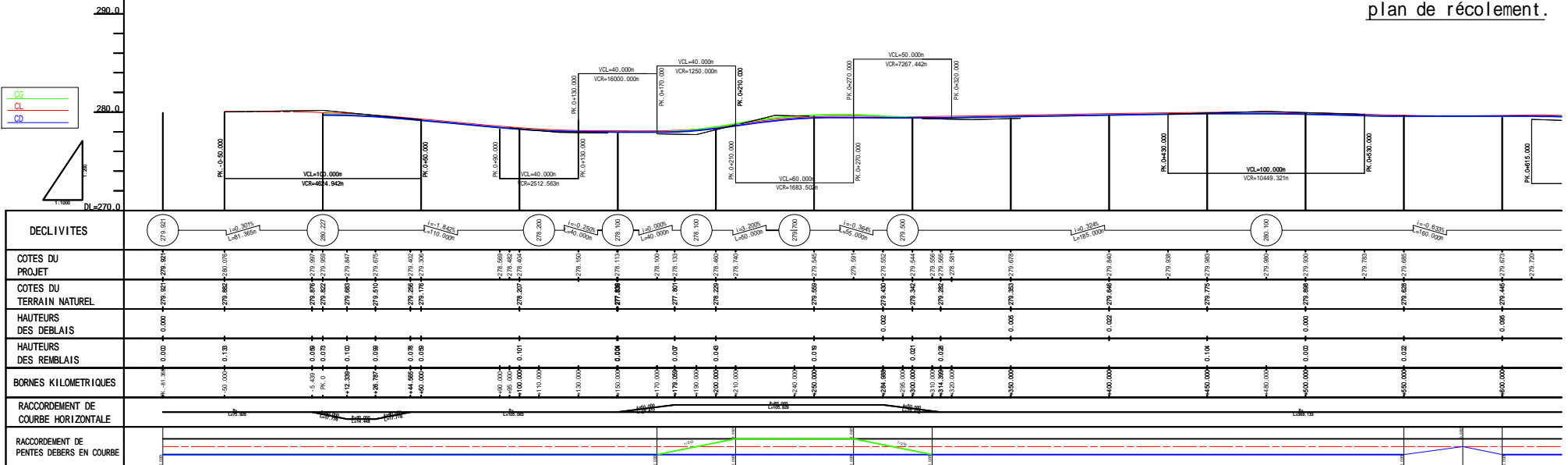
PROFILS EN TRAVERS TYPES

ECHELLE	DATE	N °
COMME VU		

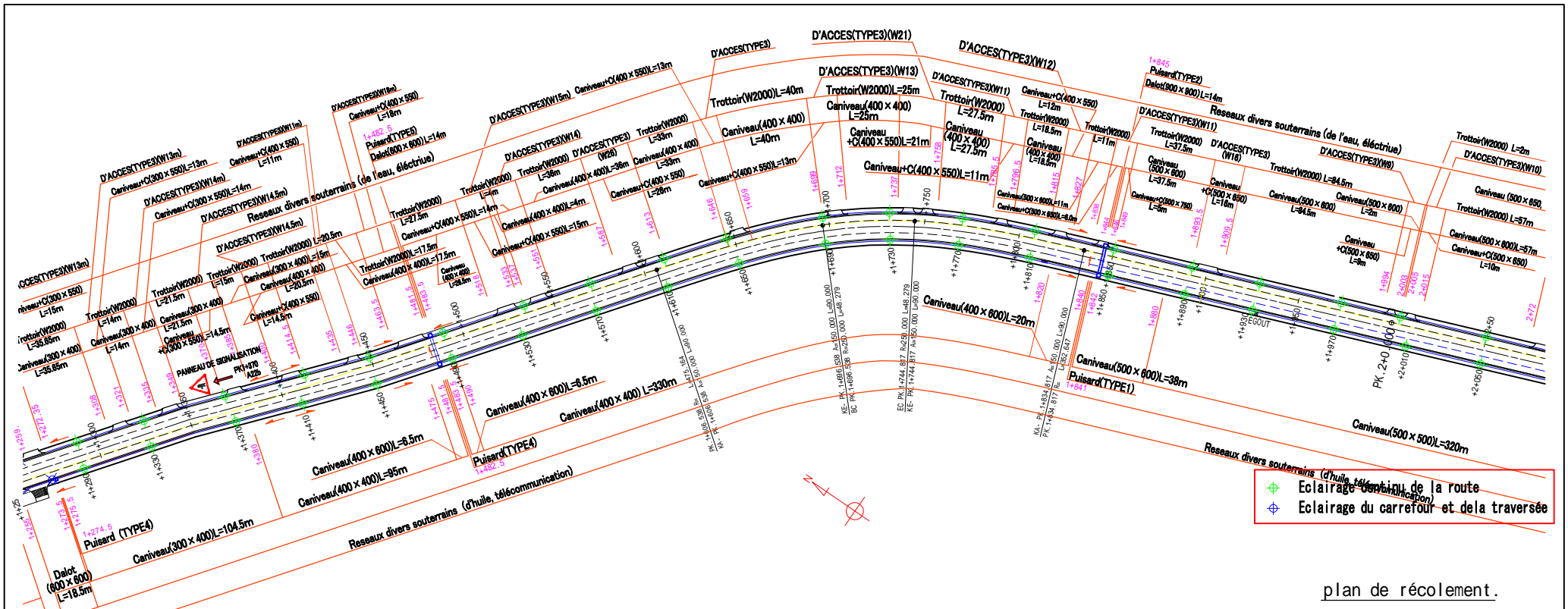


- ◆ Eclairage continu de la route
- ◆ Eclairage du carrefour et de la traversée

plan de récolement.

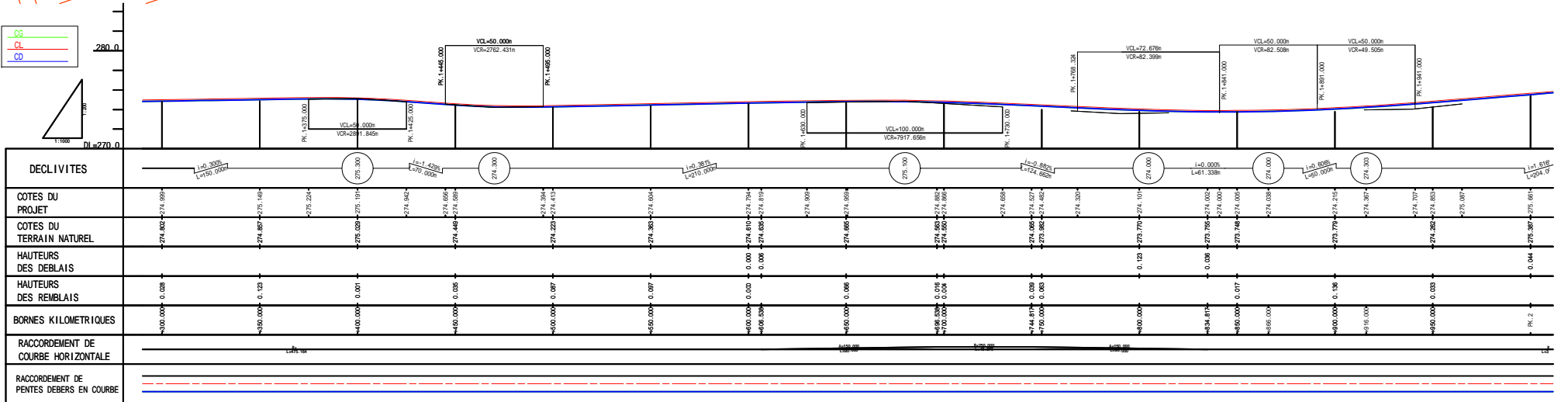


La cote du projet sur le profil pour la Phase II-2 se trouve au niveau de la ligne centrale de la chaussée.

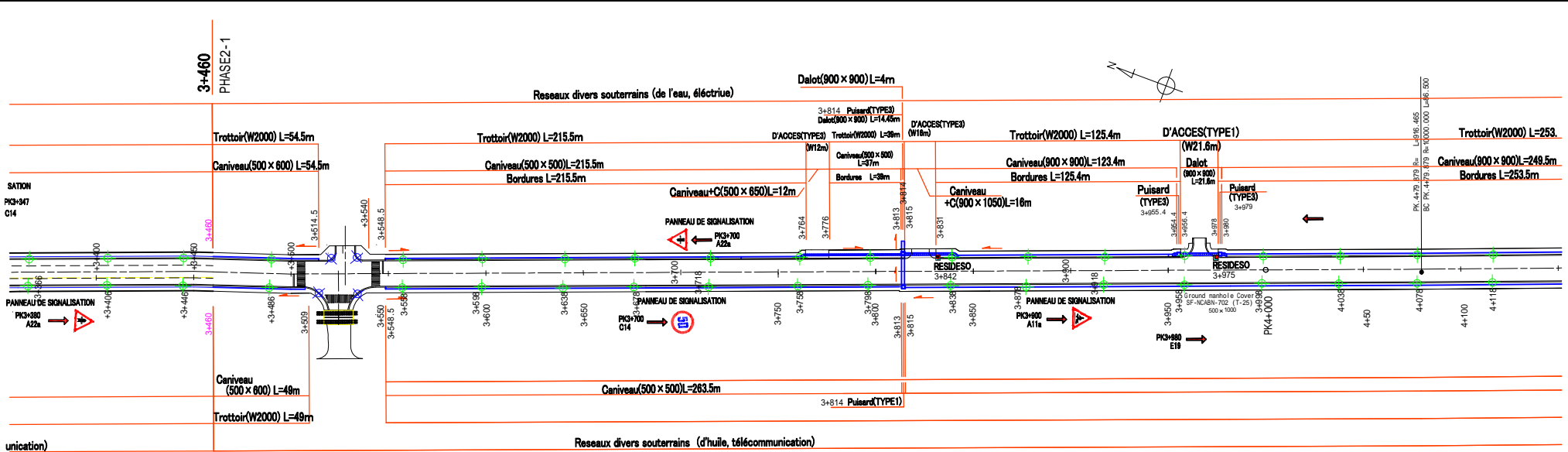


Eclairage continu de la route
 Eclairage du carrefour et de la traversée

plan de récolement.



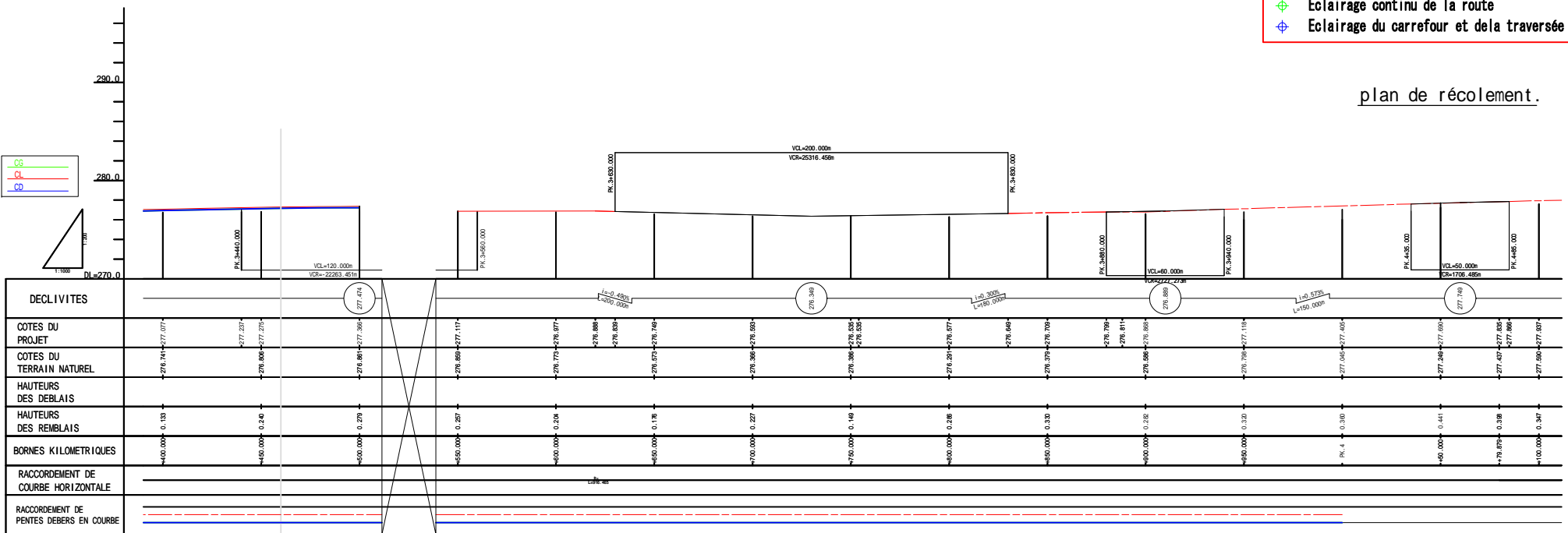
※ La cote du projet sur le profil pour la Phase II-2 se trouve au niveau de la ligne centrale de la chaussée.



unication)

- ◆ Eclairage continu de la route
- ◆ Eclairage du carrefour et de la traversée

plan de récolement.



※ La cote du projet sur le profil pour la Phase II-2 se trouve au niveau de la ligne centrale de la chaussée.

CELLULE INFRASTRUCTURES
 MINISTERE DE L'AMENAGEMENT DU TERRITOIRE, URBANISME, HABITAT,
 INFRASTRUCTURES, TRAVAUX PUBLICS ET RECONSTRUCTION

LE PROJET DE REHABILITATION ET DE MODERNISATION DE L'AVENUE DES POIDS LOURDS A KINSHASA ELARGISSEMENT A 4 VOIES PHASE 2

INGEROSEC
CORPORATION

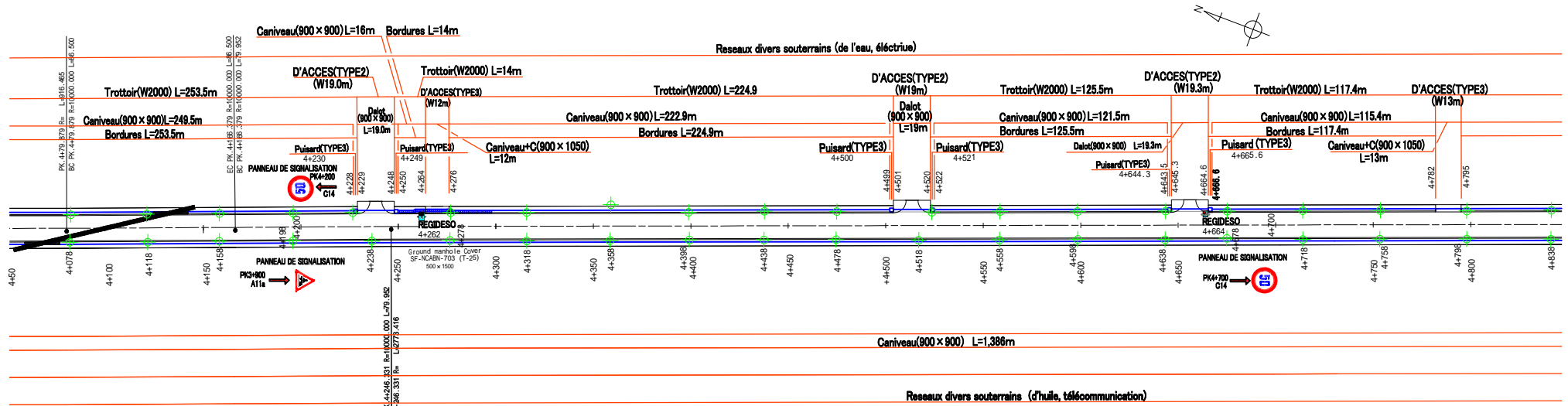
KITANO
CONSTRUCTION CORP.

DATE: Juillet, 2014
 PREPARE PAR: *Rainald*
 VERIFIE PAR: *[Signature]*

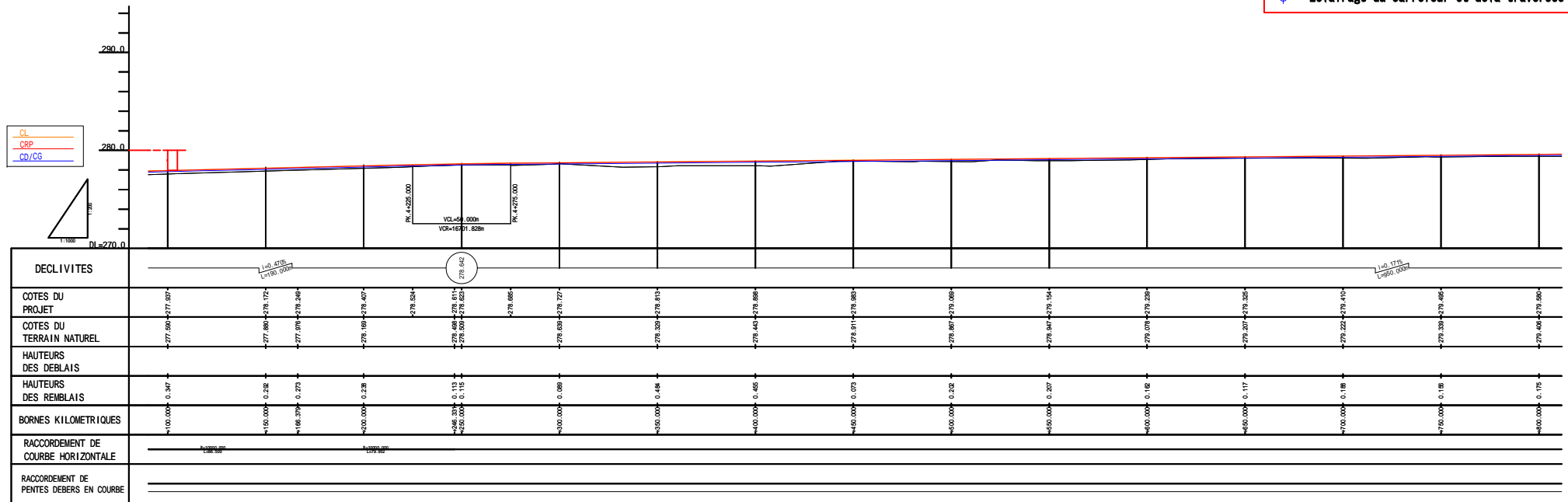
PLAN ET PROFIL (6/6)
 PK.3+400 - PK.4+100

ECHELLE	DATE	N °
A1-1:1,000 A3-1:2,000	2014	CG-DD-D6

plan de récolement.

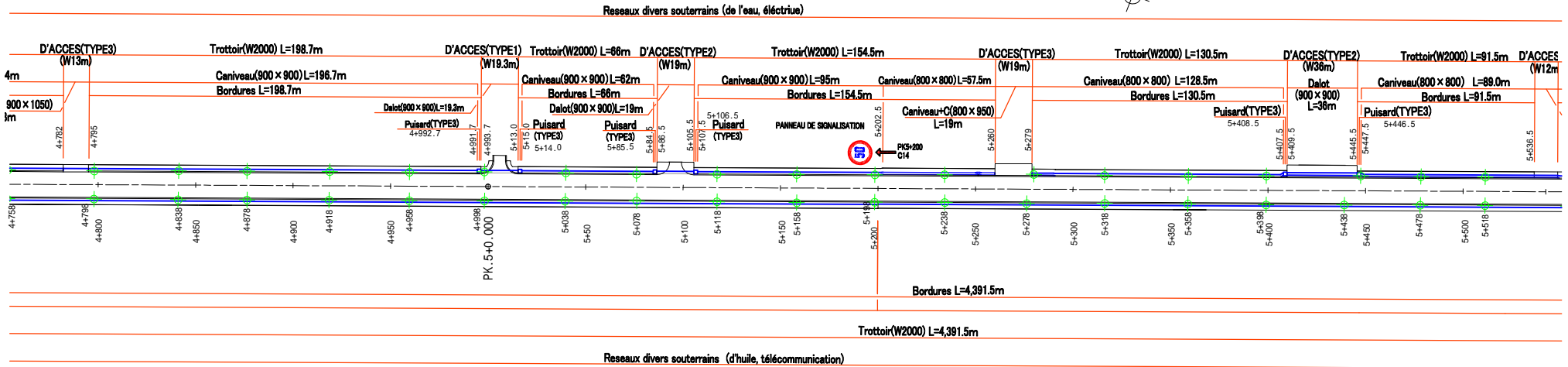
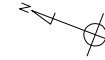


- ◆ Eclairage continu de la route
- ◆ Eclairage du carrefour et de la traversée

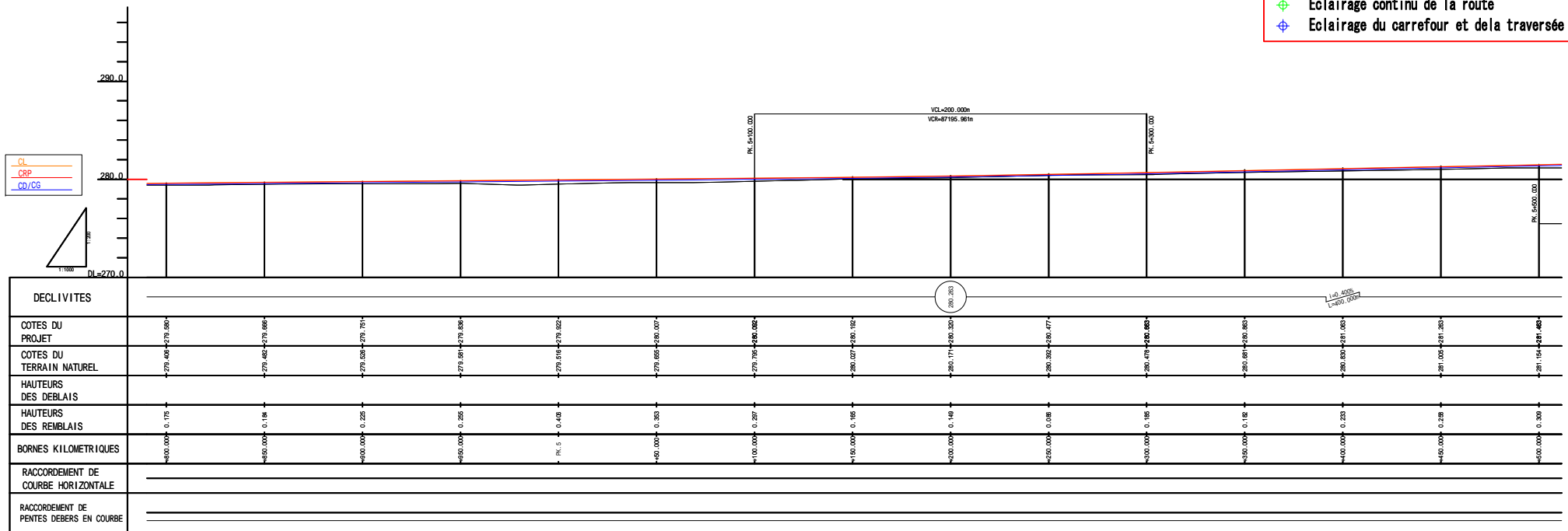


DECLIVITES	L=10.000 L=150.000		L=10.000 L=150.000	
COTES DU PROJET	277.590	277.597	278.594	278.597
COTES DU TERRAIN NATUREL	277.590	278.172	278.594	278.597
HAUTEURS DES DEBLAIS	0.000	0.278	0.000	0.000
HAUTEURS DES REMBLAIS	0.347	0.278	0.000	0.000
BORNES KILOMETRIQUES	4+100.000	4+150.000	4+200.000	4+250.000
RACCORDEMENT DE COURBE HORIZONTALE	R=1000.000			
RACCORDEMENT DE PENTES DEBERS EN COURBE	P=0.000%			

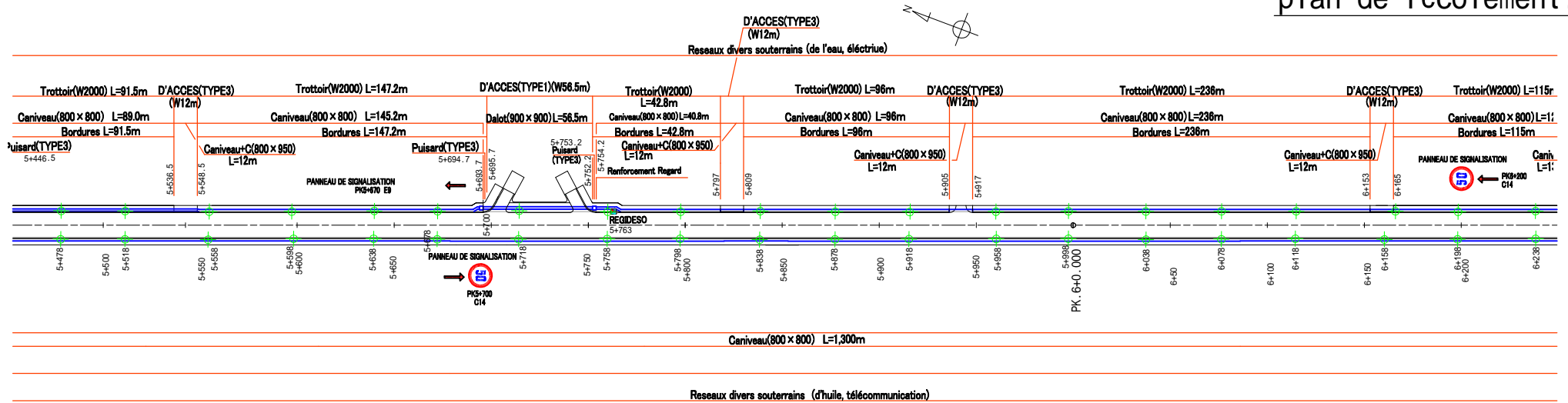
plan de récolement.



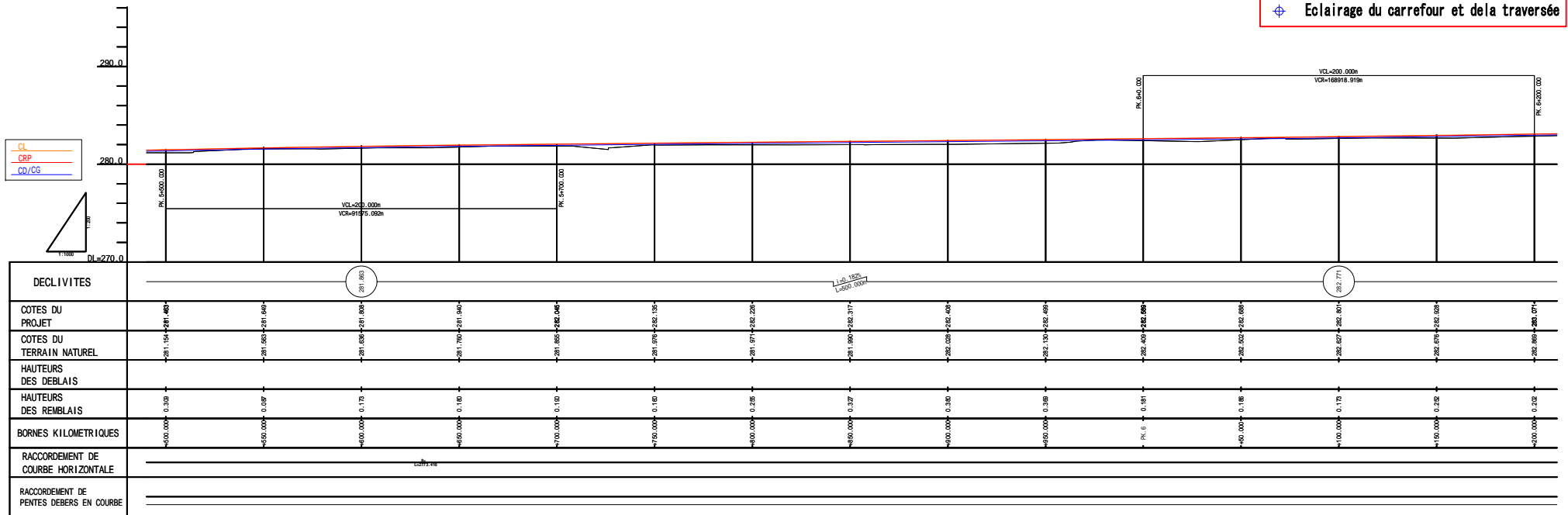
- Eclairage continu de la route
- Eclairage du carrefour et de la traversée



plan de récolement.

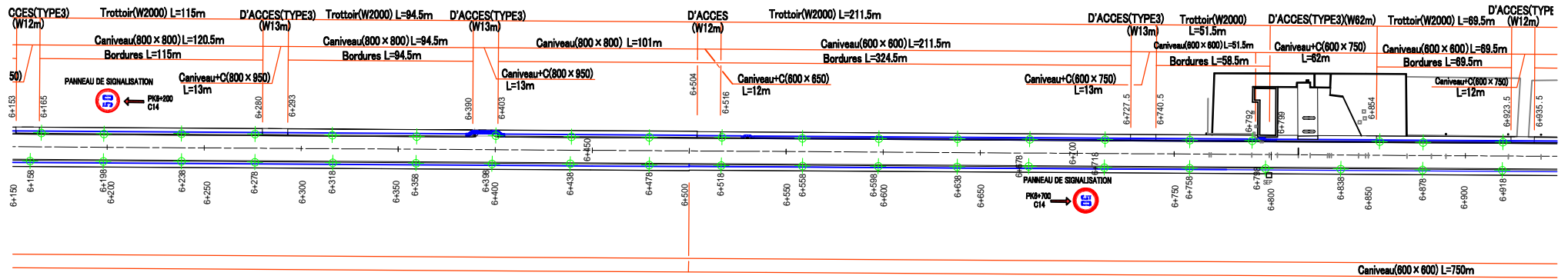


⊕ Eclairage continu de la route
⊕ Eclairage du carrefour et de la traversée



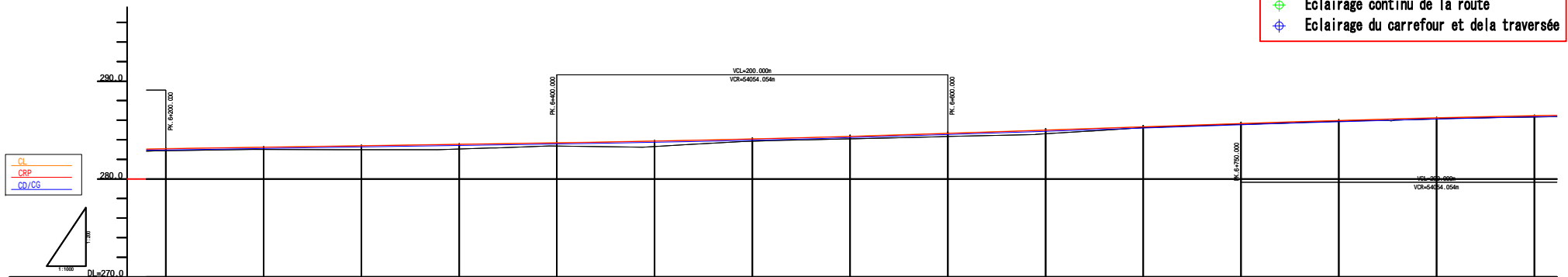
plan de récolement.

Reseaux divers souterrains (de l'eau, électrique)



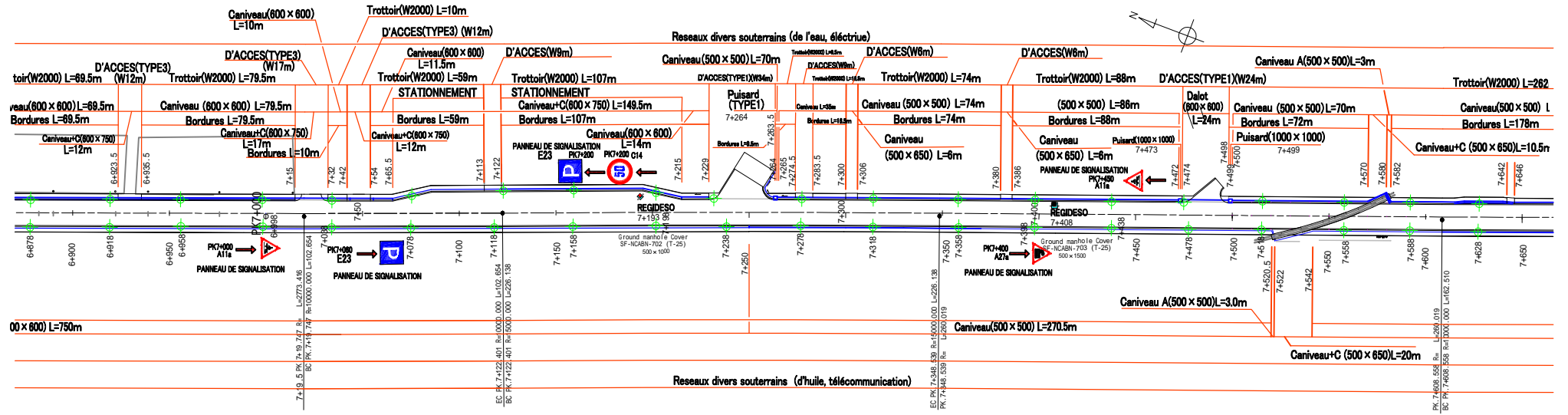
Reseaux divers souterrains (d'huile, télécommunication)

- ◆ Eclairage continu de la route
- ◆ Eclairage du carrefour et dela traversée

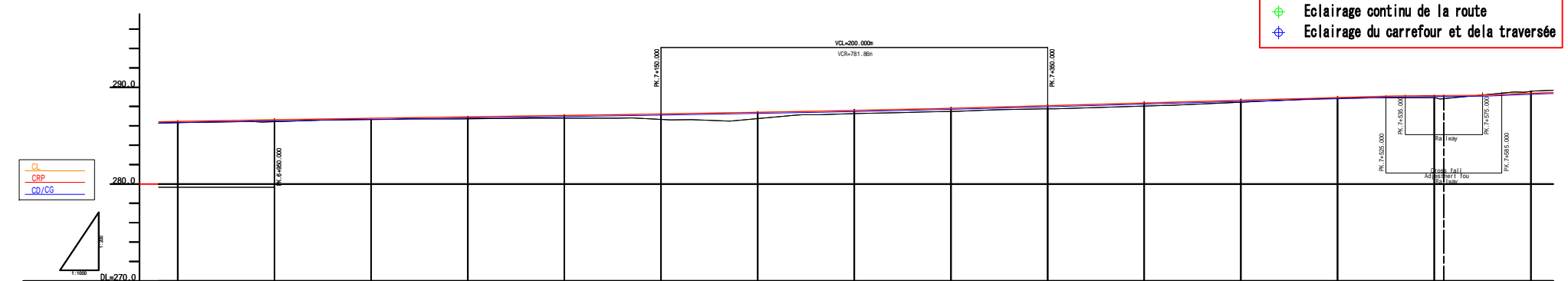


DECLIVITES															
COTES DU PROJET	280.071	280.211	280.371	280.521	280.671	280.844	280.983	281.320	281.641	281.976	282.311	282.646	282.976	283.311	283.641
COTES DU TERRAIN NATUREL	280.860	280.211	280.371	280.521	280.671	280.844	280.983	281.320	281.641	281.976	282.311	282.646	282.976	283.311	283.641
HAUTEURS DES DEBLAIS															
HAUTEURS DES REMBLAIS	0.20	0.24	0.37	0.48	0.20	0.35	0.21	0.23	0.30	0.37	0.08	0.05	0.07	0.10	0.18
BORNES KILOMETRIQUES	+200.000	+250.000	+300.000	+350.000	+400.000	+450.000	+500.000	+550.000	+600.000	+650.000	+700.000	+750.000	+800.000	+850.000	+900.000
RACCORDEMENT DE COURBE HORIZONTALE															
RACCORDEMENT DE PENTES DEBERS EN COURBE															

plan de récolement.



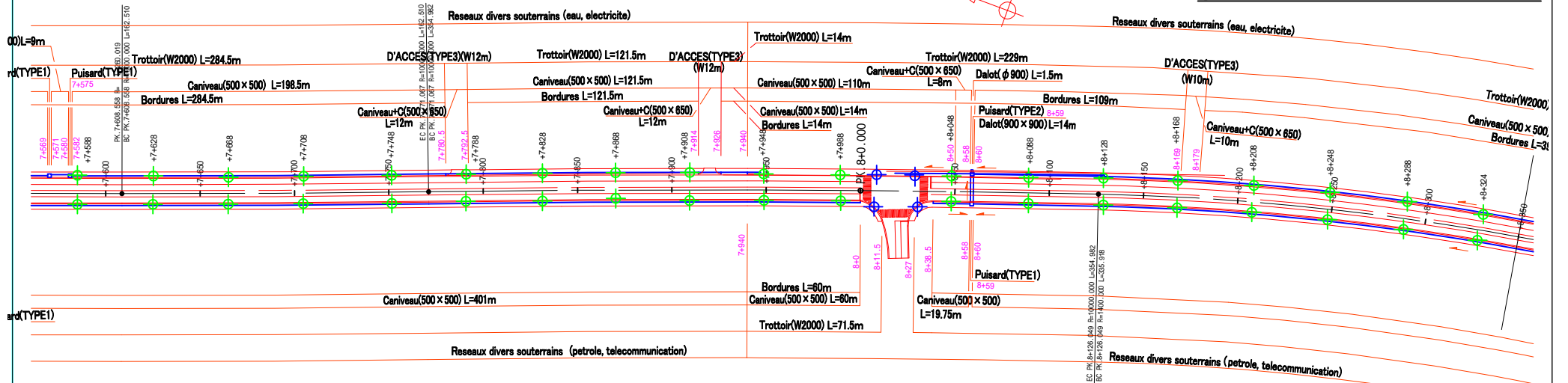
- ⊕ Eclairage continu de la route
- ⊕ Eclairage du carrefour et de la traversée



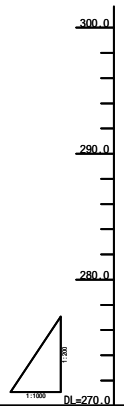
CL
CRP
CG/CS

DECLIVITES										
COTES DU PROJET	286.329	286.443	286.646	286.786	286.716	286.816	286.702	286.805	286.716	286.816
COTES DU TERRAIN NATUREL	286.329	286.443	286.646	286.786	286.716	286.816	286.702	286.805	286.716	286.816
HAUTEURS DES DEBLAIS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
HAUTEURS DES REMBLAIS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BORNES KILOMETRIQUES	6+900.000	6+950.000	7+000.000	7+050.000	7+100.000	7+150.000	7+200.000	7+250.000	7+300.000	7+350.000
RACCORDEMENT DE COURBE HORIZONTALE	L=270.00m									
RACCORDEMENT DE PENTES DEBERS EN COURBE	L=270.00m									

plan de récolement.

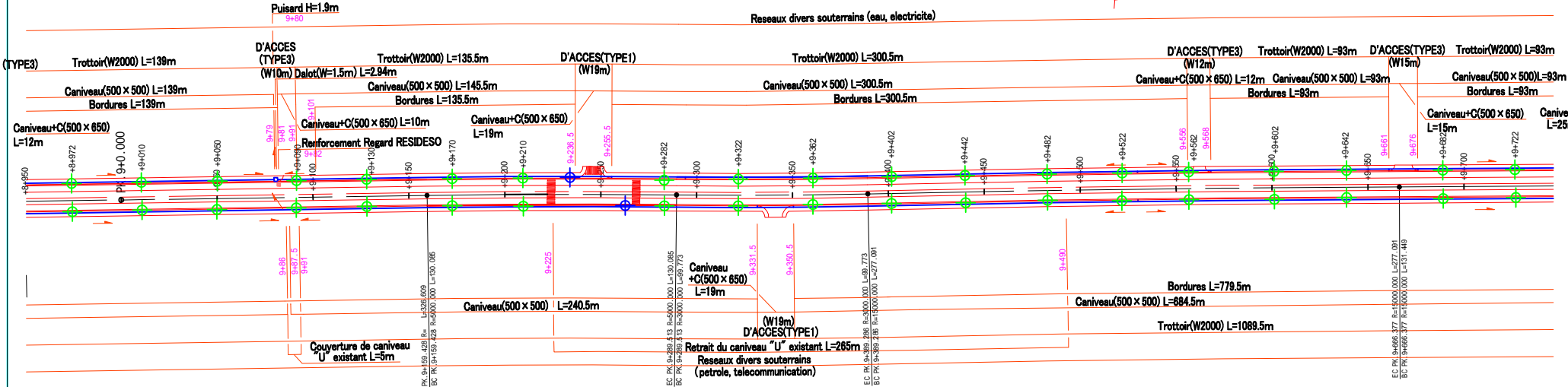


- ◆ Eclairage continu de la route
- ◆ Eclairage du carrefour et de la traversée

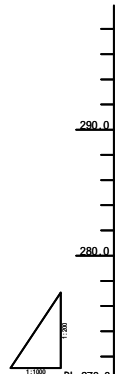


DECLIVITES																				
COTES DU PROJET	280.000	280.000	280.000	280.000	280.000	280.000	280.000	280.000	280.000	280.000	280.000	280.000	280.000	280.000	280.000	280.000	280.000	280.000	280.000	280.000
COTES DU TERRAIN NATUREL	280.000	280.000	280.000	280.000	280.000	280.000	280.000	280.000	280.000	280.000	280.000	280.000	280.000	280.000	280.000	280.000	280.000	280.000	280.000	280.000
HAUTEURS DES DEBLAIS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
HAUTEURS DES REMLAIS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BORNES KILOMETRIQUES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
RACCORDEMENT DE COURBE HORIZONTALE																				
RACCORDEMENT DE PENTES DEBERS EN COURBE																				

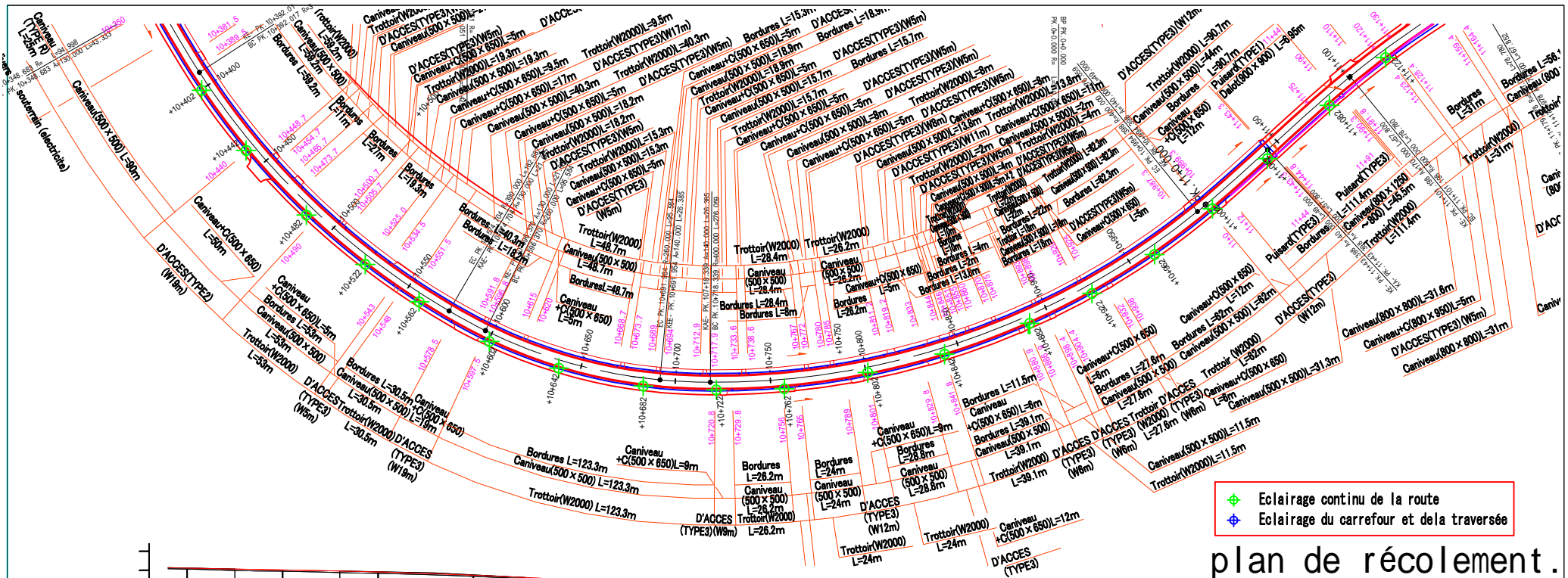
plan de récolement.



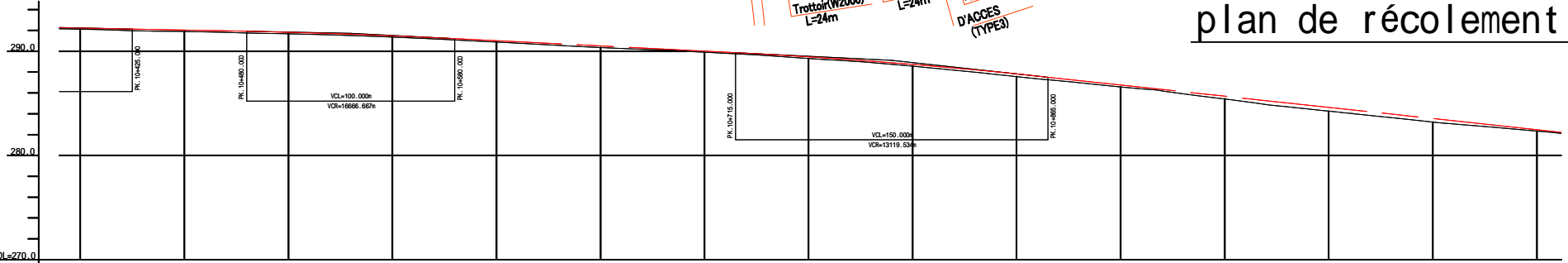
- Eclairage continu de la route
- Eclairage du carrefour et dela traversée



DECLIVITES	i=0.500% L=160.000m		i=0.400% L=250.000m		i=0.300% L=310.000m	
COTES DU PROJET	291.221	291.494	291.120	291.201	290.894	291.054
COTES DU TERRAIN NATUREL	291.132	291.154	291.084	291.074	291.140	291.174
HAUTEURS DES DEBLAIS	0.211	0.177	0.262	0.170	0.194	0.134
HAUTEURS DES REMBLAIS	0.000	0.000	0.000	0.000	0.000	0.000
BORNES KILOMETRIQUES	PK 9.9					
RACCORDEMENT DE COURBE HORIZONTALE						
RACCORDEMENT DE PENTES DEBERS EN COURBE						

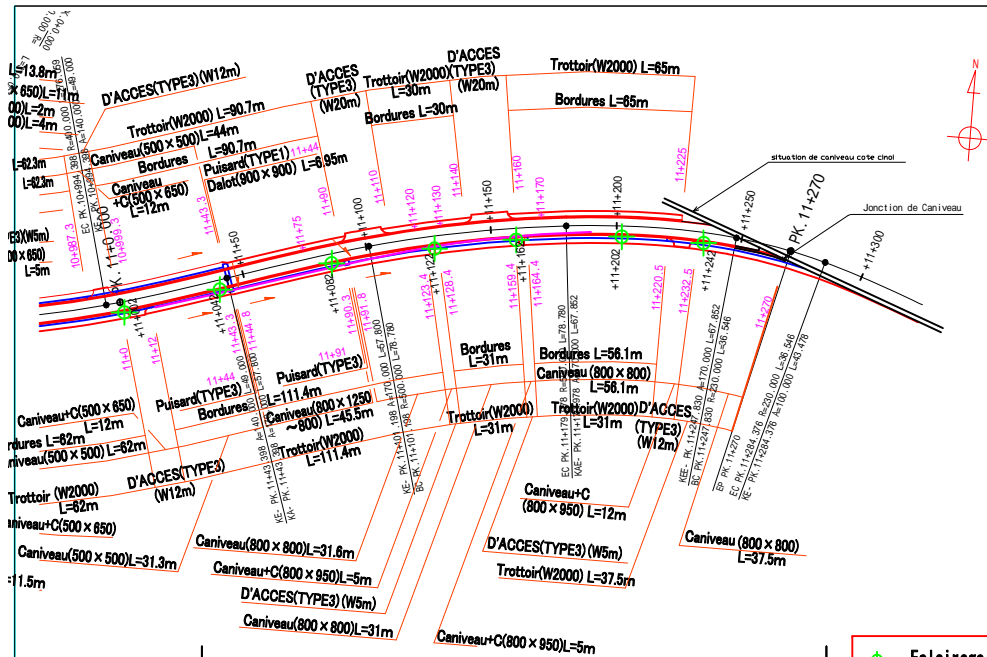


plan de récolement.

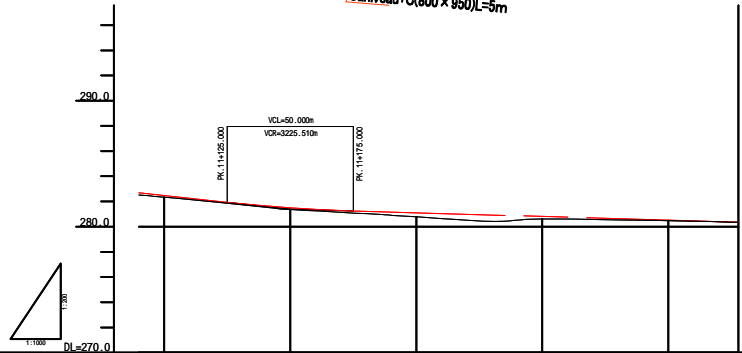


DECLIVITES	L=0.4000 L=2180.000		L=1.0000 L=2800.000		L=2.1430 L=3600.000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
COTES DU PROJET	282.139	282.241	281.894	281.974	281.540	281.673	281.194	281.291	280.947	280.594	280.684	280.340	280.414	279.969	280.074	279.624	279.724	279.379	279.474	279.024	279.124	288.679	288.774	288.324	288.424	287.974	288.074	287.624	287.724	287.274	287.374	286.924	287.024	286.574	286.674	286.224	286.324	285.874	285.974	285.524	285.624	285.174	285.274	284.824	284.924	284.474	284.574	284.124	284.224	283.774	283.874	283.424	283.524	283.074	283.174	282.724	282.824	282.374	282.474	282.024	282.124	281.674	281.774	281.324	281.424	280.974	281.074	280.624	280.724	280.274	280.374	279.924	280.024	279.574	279.674	279.224	279.324	278.874	278.974	278.524	278.624	278.174	278.274	277.824	277.924	277.474	277.574	277.124	277.224	276.774	276.874	276.424	276.524	276.074	276.174	275.724	275.824	275.374	275.474	275.024	275.124	274.674	274.774	274.324	274.424	273.974	274.074	273.624	273.724	273.274	273.374	272.924	273.024	272.574	272.674	272.224	272.324	271.874	271.974	271.524	271.624	271.174	271.274	270.824	270.924	270.474	270.574	270.124	270.224	269.774	269.874	269.424	269.524	269.074	269.174	268.724	268.824	268.374	268.474	268.024	268.124	267.674	267.774	267.324	267.424	266.974	267.074	266.624	266.724	266.274	266.374	265.924	266.024	265.574	265.674	265.224	265.324	264.874	264.974	264.524	264.624	264.174	264.274	263.824	263.924	263.474	263.574	263.124	263.224	262.774	262.874	262.424	262.524	262.074	262.174	261.724	261.824	261.374	261.474	261.024	261.124	260.674	260.774	260.324	260.424	259.974	260.074	259.624	259.724	259.274	259.374	258.924	259.024	258.574	258.674	258.224	258.324	257.874	257.974	257.524	257.624	257.174	257.274	256.824	256.924	256.474	256.574	256.124	256.224	255.774	255.874	255.424	255.524	255.074	255.174	254.724	254.824	254.374	254.474	254.024	254.124	253.674	253.774	253.324	253.424	252.974	253.074	252.624	252.724	252.274	252.374	251.924	252.024	251.574	251.674	251.224	251.324	250.874	250.974	250.524	250.624	250.174	250.274	249.824	249.924	249.474	249.574	249.124	249.224	248.774	248.874	248.424	248.524	248.074	248.174	247.724	247.824	247.374	247.474	247.024	247.124	246.674	246.774	246.324	246.424	245.974	246.074	245.624	245.724	245.274	245.374	244.924	245.024	244.574	244.674	244.224	244.324	243.874	243.974	243.524	243.624	243.174	243.274	242.824	242.924	242.474	242.574	242.124	242.224	241.774	241.874	241.424	241.524	241.074	241.174	240.724	240.824	240.374	240.474	240.024	240.124	239.674	239.774	239.324	239.424	238.974	239.074	238.624	238.724	238.274	238.374	237.924	238.024	237.574	237.674	237.224	237.324	236.874	236.974	236.524	236.624	236.174	236.274	235.824	235.924	235.474	235.574	235.124	235.224	234.774	234.874	234.424	234.524	234.074	234.174	233.724	233.824	233.374	233.474	233.024	233.124	232.674	232.774	232.324	232.424	231.974	232.074	231.624	231.724	231.274	231.374	230.924	231.024	230.574	230.674	230.224	230.324	229.874	229.974	229.524	229.624	229.174	229.274	228.824	228.924	228.474	228.574	228.124	228.224	227.774	227.874	227.424	227.524	227.074	227.174	226.724	226.824	226.374	226.474	226.024	226.124	225.674	225.774	225.324	225.424	224.974	225.074	224.624	224.724	224.274	224.374	223.924	224.024	223.574	223.674	223.224	223.324	222.874	222.974	222.524	222.624	222.174	222.274	221.824	221.924	221.474	221.574	221.124	221.224	220.774	220.874	220.424	220.524	220.074	220.174	219.724	219.824	219.374	219.474	219.024	219.124	218.674	218.774	218.324	218.424	217.974	218.074	217.624	217.724	217.274	217.374	216.924	217.024	216.574	216.674	216.224	216.324	215.874	215.974	215.524	215.624	215.174	215.274	214.824	214.924	214.474	214.574	214.124	214.224	213.774	213.874	213.424	213.524	213.074	213.174	212.724	212.824	212.374	212.474	212.024	212.124	211.674	211.774	211.324	211.424	210.974	211.074	210.624	210.724	210.274	210.374	209.924	210.024	209.574	209.674	209.224	209.324	208.874	208.974	208.524	208.624	208.174	208.274	207.824	207.924	207.474	207.574	207.124	207.224	206.774	206.874	206.424	206.524	206.074	206.174	205.724	205.824	205.374	205.474	205.024	205.124	204.674	204.774	204.324	204.424	203.974	204.074	203.624	203.724	203.274	203.374	202.924	203.024	202.574	202.674	202.224	202.324	201.874	201.974	201.524	201.624	201.174	201.274	200.824	200.924	200.474	200.574	200.124	200.224	199.774	199.874	199.424	199.524	199.074	199.174	198.724	198.824	198.374	198.474	198.024	198.124	197.674	197.774	197.324	197.424	196.974	197.074	196.624	196.724	196.274	196.374	195.924	196.024	195.574	195.674	195.224	195.324	194.874	194.974	194.524	194.624	194.174	194.274	193.824	193.924	193.474	193.574	193.124	193.224	192.774	192.874	192.424	192.524	192.074	192.174	191.724	191.824	191.374	191.474	191.024	191.124	190.674	190.774	190.324	190.424	189.974	190.074	189.624	189.724	189.274	189.374	188.924	189.024	188.574	188.674	188.224	188.324	187.874	187.974	187.524	187.624	187.174	187.274	186.824	186.924	186.474	186.574	186.124	186.224	185.774	185.874	185.424	185.524	185.074	185.174	184.724	184.824	184.374	184.474	184.024	184.124	183.674	183.774	183.324	183.424	182.974	183.074	182.624	182.724	182.274	182.374	181.924	182.024	181.574	181.674	181.224	181.324	180.874	180.974	180.524	180.624	180.174	180.274	179.824	179.924	179.474	179.574	179.124	179.224	178.774	178.874	178.424	178.524	178.074	178.174	177.724	177.824	177.374	177.474	177.024	177.124	176.674	176.774	176.324	176.424	175.974	176.074	175.624	175.724	175.274	175.374	174.924	175.024	174.574	174.674	174.224	174.324	173.874	173.974	173.524	173.624	173.174	173.274	172.824	172.924	172.474	172.574	172.124	172.224	171.774	171.874	171.424	171.524	171.074	171.174	170.724	170.824	170.374	170.474	170.024	170.124	169.674	169.774	169.324	169.424	168.974	169.074	168.624	168.724	168.274	168.374	167.924	168.024	167.574	167.674	167.224	167.324	166.874	166.974	166.524	166.624	166.174	166.274	165.824	165.924	165.474	165.574	165.124	165.224	164.774	164.874	164.424	164.524	164.074	164.174	163.724	163.824	163.374	163.474	163.024	163.124	162.674	162.774	162.324	162.424	161.974	162.074	161.624	161.724	161.274	161.374	160.924	161.024	160.574	160.674	160.224	160.324	159.874	159.974	159.524	159.624	159.174	159.274	158.824	158.924	158.474	158.574	158.124	158.224	157.774	157.874	157.424	157.524	157.074	157.174	156.724	156.824	156.374	156.474	156.024	156.124	155.674	155.774	155.324	155.424	154.974	155.074	154.624	154.724	154.274	154.374	153.924	154.024	153.574	153.674	153.224	153.324	152.874	152.974	152.524	152.624	152.174	152.274	151.824	151.924	151.474	151.574	151.124	151.224	150.774	150.874	150.424	150.524	149.974	150.074	149.624	149.724	149.274	149.374	148.924	149.024	148.574	148.674	148.224	148.324	147.874	147.974	147.524	147.624	147.174	147.274	146.824	146.924	146.474	146.574	146.124	146.224	145.774	145.874	145.424	145.524	145.074	145.174	144.724	144.824	144.374	144.474	144.024	144.124	143.674	143.774	143.324	143.424	142.974	143.074	142.624	142.724	142.274	142.374	141.924	142.024	141.574	141.674	141.224	141.324	140.874	140.974	140.524	140.624	140.174	140.274	139.824	139.924	139.474	139.574	139.124	139.224	138.774	138.874	138.424	138.524	138.074	138.174	137.724	137.824	137.374	137.474	137.024	137.124	136.674	136.774	136.324	136.424	135.974	136.074	135.624	135.724	135.274	135.374	134.924	135.024	134.574	134.674	134.224	134.324	133.874	133.974	133.524	133.624	133.174	133.274	132.824	132.924	132.474	132.574	132.124	132.224	131.774	131.874	131.424	131.524	131.074	131.174	130.724	130.824	130.374	130.474	130.024	130.124	129.674	129.774	129.324	129.424	128.974	129.074	128.624	128.724	128.274	128.374	127.924	128.024	127.574	127.674	127.224	127.324	126.874	126.974	126.524	126.624	126.174	126.274	125.824	125.924	125.474	125.574	125.124	125.224	124.774	124.874	124.424	124.524	124.074	124.174	123.724	123.824	123.374	123.474	123.024	123.124	122.674	122.774	122.324	122.424	121.974	122.074	121.624	121.724	121.274	121.374	120.924	121.024	120.574	120.674	120.224	120.324	119.874	119.974	119.524	119.624	119.174	119.274	11

plan de récolement.



- ◆ Eclairage continu de la route
- ◆ Eclairage du carrefour et de la traversée



DECLIVITES	[Profile Diagram]									
COTES DU PROJET	287.330	287.205	287.144	287.044	286.911	286.750	286.561	286.325	286.051	285.736
COTES DU TERRAIN NATUREL	286.314	286.282	286.244	286.198	286.146	286.088	286.024	285.954	285.878	285.796
HAUTEURS DES DEBLAIS	0.016	0.023	0.040	0.046	0.065	0.072	0.066	0.059	0.053	0.040
HAUTEURS DES REMBLAIS	0.014	0.023	0.020	0.018	0.019	0.021	0.024	0.025	0.026	0.016
BORNES KILOMETRIQUES	+100.000	+101.198	+1125.000	+125.000	+150.000	+175.000	+175.000	+200.000	+225.000	+250.000
RACCORDEMENT DE COURBE HORIZONTALE	[Diagram]									
RACCORDEMENT DE PENTES DEBERS EN COURBE	[Diagram]									

