

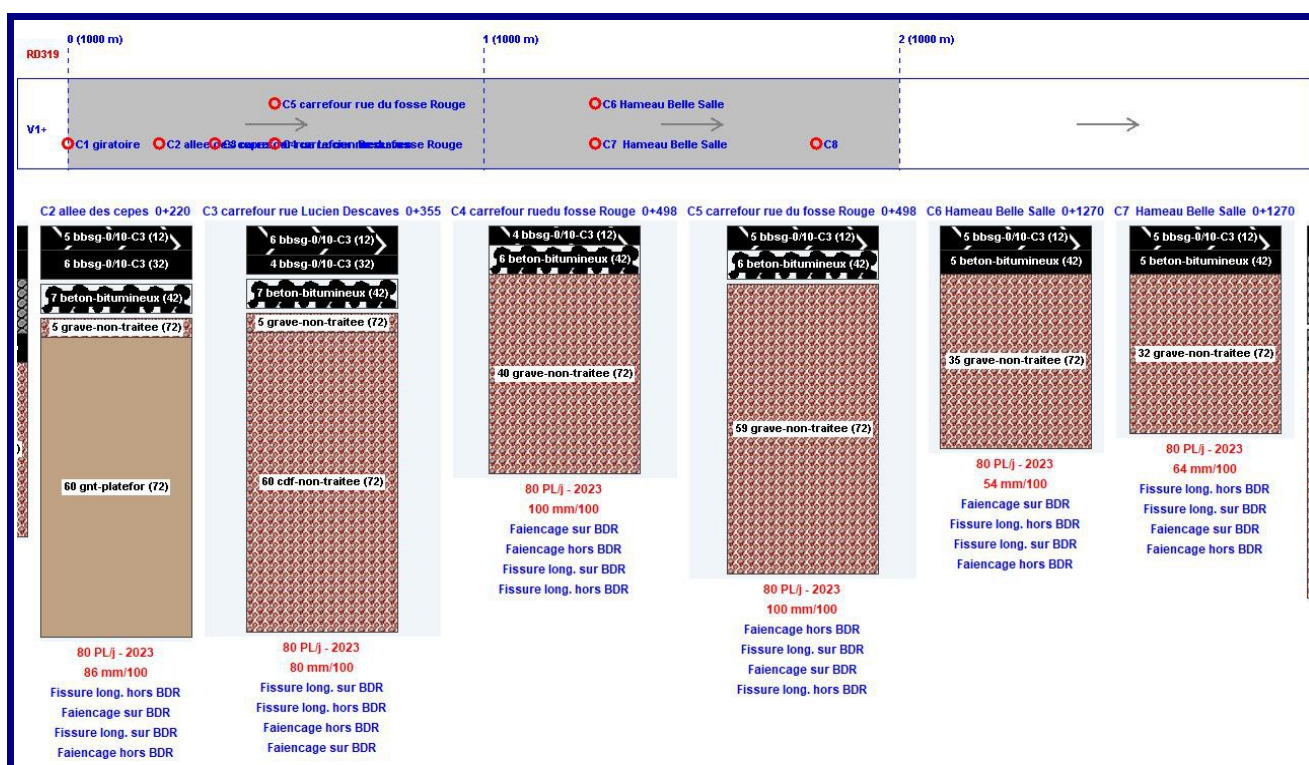


Résultats d'étude

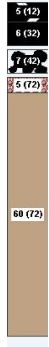
_RD319.2 Deviation de Senonches_trafic80 PL
RD319
du PR 0+0 au PR 2+0

Date de l'étude : Friday, April 22, 2022



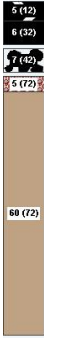


SYNTHESE DES DONNEES

C1 giratoire V1+ axe/2_D 0+0 100.0 m 	C2 allée des cepes V1+ axe/2_D 0+220 220.0 m 	C3 carrefour rue Lucien Descaves V1+ axe/2_D 0+355 	C4 carrefour ruede fosse Rouge V1+ axe/2_D 0+498 	C5 carrefour rue du fosse Rouge V1+ axe/2_G 0+498 	C6 Hameau Belle Salle V1+ axe/2_G 0+1270 	C7 Hameau Belle Salle V1+ axe/2_D 0+1270 
80 PL/j/sens	80 PL/j/sens	80 PL/j/sens	80 PL/j/sens	80 PL/j/sens	80 PL/j/sens	80 PL/j/sens
10 mm/100	86 mm/100	80 mm/100	100 mm/100	100 mm/100	54 mm/100	64 mm/100
	Faiencage sur BDR	Faiencage sur BDR	Faiencage sur BDR	Faiencage sur BDR	Faiencage sur BDR	Faiencage sur BDR
Faiencage hors BDR	Faiencage hors BDR	Faiencage hors BDR	Faiencage hors BDR	Faiencage hors BDR	Faiencage hors BDR	Faiencage hors BDR
Fissure long. sur BDR	Fissure long. sur BDR	Fissure long. sur BDR	Fissure long. sur BDR	Fissure long. sur BDR	Fissure long. sur BDR	Fissure long. sur BDR
Fissure long. hors BDR	Fissure long. hors BDR	Fissure long. hors BDR	Fissure long. hors BDR	Fissure long. hors BDR	Fissure long. hors BDR	Fissure long. hors BDR
Joint longitudinal						

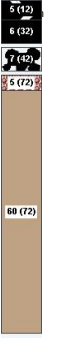
C8 V1+ axe/2_D 0+1800 250.0 m 						
80 PL/j/sens						
120 mm/100						
Faiencage sur BDR						
Faiencage hors BDR						
Fissure long. sur BDR						
Fissure long. hors BDR						

DIAGNOSTICS / MODELISATIONS

C1 giratoire V1+ axe/2_D 0+0 100.0 m 	C2 allée des cepes V1+ axe/2_D 0+220 220.0 m 	C3 carrefour rue Lucien Descaves V1+ axe/2_D 0+355 	C4 carrefour ruelle fosse Rouge V1+ axe/2_D 0+498 	C5 carrefour rue du fosse Rouge V1+ axe/2_G 0+498 	C6 Hameau Belle Salle V1+ axe/2_G 0+1270 	C7 Hameau Belle Salle V1+ axe/2_D 0+1270 
Section	Section	Section	Section	Section	Section	Section
Fissuration thermique=fort(e) Drainage=moyen	Fatigue=fort(e) Fissuration thermique=fort(e) Drainage=moyen	Fatigue=fort(e) Fissuration thermique=fort(e) Drainage=moyen	Fissuration thermique=fort(e) Drainage=moyen	Fatigue=fort(e) Fissuration thermique=fort(e) Drainage=moyen	Fissuration thermique=fort(e) Drainage=moyen	Fissuration thermique=fort(e) Drainage=moyen
BBSG-0/10-CLASSE-3 (2010) 5.0 cm / 5560.0 Mpa / C ept= 18.0 10-6 Fissuration thermique=fort(e)	BBSG-0/10-CLASSE-3 (2010) 5.0 cm / 2000.0 Mpa / C Compression Fissuration thermique=fort(e)	BBSG-0/10-CLASSE-3 (2010) 6.0 cm / 2000.0 Mpa / C ept= 4.5 10-6 Fissuration thermique=fort(e)				
BBSG-0/10-CLASSE-3 (1990) 6.0 cm / 2000.0 Mpa / C ept= 18.0 10-6 Fissuration thermique=fort(e)	BBSG-0/10-CLASSE-3 (1990) 6.0 cm / 4900.0 Mpa / D ept= 414.7 10-6 Fatigue=fort(e) Fissuration thermique=fort(e)	BBSG-0/10-CLASSE-3 (1990) 4.0 cm / 4900.0 Mpa / D ept= 428.5 10-6 Fatigue=fort(e) Fissuration thermique=fort(e)				
GB-0/14-CLASSE-3 (1990) 11.0 cm / 14000.0 Mpa / C ept= 37.6 10-6	Béton bitumineux (1980) 7.0 cm / 500.0 Mpa / D ept= 398.4 10-6 Fatigue=fort(e)	Béton bitumineux (1980) 7.0 cm / 500.0 Mpa / D ept= 465.2 10-6 Fatigue=fort(e)	BBSG-0/10-CLASSE-3 (2010) 4.0 cm / 2000.0 Mpa / C ept= 87.7 10-6 Fissuration thermique=fort(e)	BBSG-0/10-CLASSE-3 (2010) 5.0 cm / 2000.0 Mpa / C ept= 315.2 10-6 Fatigue=fort(e) Fissuration thermique=fort(e)	BBSG-0/10-CLASSE-3 (2010) 5.0 cm / 2000.0 Mpa / C Compression Fissuration thermique=fort(e)	BBSG-0/10-CLASSE-3 (2010) 5.0 cm / 2000.0 Mpa / C Compression Fissuration thermique=fort(e)
Béton bitumineux (1980) 6.0 cm / 6750.0 Mpa / C ept= 70.7 10-6	Grave non traitée (1950) 5.0 cm / 184.0 Mpa / C epz= 185.4 10-6	Grave non traitée (1950) 5.0 cm / 218.0 Mpa / C epz= 191.8 10-6	Béton bitumineux (1980) 6.0 cm / 500.0 Mpa / C ept= 181.5 10-6 Fissuration thermique=fort(e)	Béton bitumineux (1980) 6.0 cm / 500.0 Mpa / D ept= 782.6 10-6 Fatigue=fort(e) Fissuration thermique=fort(e)	Béton bitumineux (1980) 5.0 cm / 2000.0 Mpa / C ept= 188.1 10-6 Fissuration thermique=fort(e)	Béton bitumineux (1980) 5.0 cm / 2000.0 Mpa / C ept= 201.1 10-6 Fissuration thermique=fort(e)
Grave non traitée (1950) 35.0 cm / 240.0 Mpa / C epz= 176.6 10-6	GNT-PLATEFORME (1950) 10.0 cm / 92.0 Mpa / C 50.0 cm / 92.0 Mpa / C epz= 955.5 10-6	Couche de forme non traitée (1950) 10.0 cm / 109.0 Mpa / C 50.0 cm / 109.0 Mpa / C epz= 1014.3 10-6	Grave non traitée (1950) 10.0 cm / 600.0 Mpa / C 10.0 cm / 329.0 Mpa / C 10.0 cm / 165.0 Mpa / C 10.0 cm / 82.0 Mpa / C epz= 643.9 10-6	Grave non traitée (1950) 9.0 cm / 600.0 Mpa / C 10.0 cm / 600.0 Mpa / C 10.0 cm / 599.0 Mpa / C 10.0 cm / 299.0 Mpa / C 10.0 cm / 150.0 Mpa / C 10.0 cm / 75.0 Mpa / C epz= 81.5 10-6	Grave non traitée (1950) 5.0 cm / 600.0 Mpa / C 10.0 cm / 600.0 Mpa / C 10.0 cm / 367.0 Mpa / C 10.0 cm / 183.0 Mpa / C epz= 575.1 10-6	Grave non traitée (1950) 2.0 cm / 600.0 Mpa / C 10.0 cm / 600.0 Mpa / C 10.0 cm / 317.0 Mpa / C 10.0 cm / 159.0 Mpa / C epz= 570.0 10-6
Sol B5 600.0 cm / 151.0 Mpa / C 10000.0 Mpa / C epz= 144.1 10-6	Sol A1 600.0 cm / 92.0 Mpa / C 10000.0 Mpa / C epz= 450.1 10-6	Sol A1 600.0 cm / 109.0 Mpa / C 10000.0 Mpa / C epz= 413.1 10-6	Sol A1 41.0 Mpa / epz= 905.3 10-6	Sol A1 37.0 Mpa / epz= 759.8 10-6	Sol A1 92.0 Mpa / epz= 556.6 10-6	Sol A1 79.0 Mpa / epz= 683.5 10-6

C8 V1+ axe/2_D 0+1800 250.0 m 						
Section Fatigue=fort(e) Fissuration thermique=fort(e) Drainage=moyen						
BBSG-0/10-CLASSE-3 (2010) 6.0 cm / 2000.0 Mpa / C ept= 19.9 10-6 Fissuration thermique=fort(e)						
Grave bitume (1980) 14.0 cm / 2000.0 Mpa / D ept= 279.9 10-6 Fatigue=fort(e) Fissuration thermique=fort(e)						
Grave bitume (1980) 10.0 cm / 12800.0 Mpa / C ept= 116.2 10-6						
Grave non traitée (1950) 5.0 cm / 240.0 Mpa / C 10.0 cm / 240.0 Mpa / C 10.0 cm / 140.0 Mpa / C 10.0 cm / 70.0 Mpa / C 10.0 cm / 35.0 Mpa / C epz= 262.4 10-6 Fatigue= moyen(ne)						
Sol A1 600.0 cm / 18.0 Mpa / C 10000.0 Mpa / C epz= 817.2 10-6						

SYNTHESES DES RESULTATS

	C1 giratoire V1+ axe/2_D 0+0	C2 allée des cepes V1+ axe/2_D	C3 carrefour rue Lucien Descaves V1+ axe/2_D	C4 carrefour rue du fosse Rouge V1+ axe/2_D	C5 carrefour rue du fosse Rouge V1+ axe/2_D	C6 Hameau Belle Salle V1+ axe/2_G	C7 Hameau Belle Salle V1+ axe/2_D	C8 V1+ axe/2_D 0+1800					
													
+ axe/2_D + axe/2_G 6.0 bbsg-0/10-C3 6.0 Fraisage 47 €/ml 514 MJ/ml 28 Kg.eq.CO2/ml 0 t granulats/ml	✓	✗	✗	✗	✗	✓	✓	✗					
+ axe/2_D + axe/2_G 4.0 bddcm 8.0 gb-0/14-C3 12.0 Fraisage 73 €/ml 1021 MJ/ml 56 Kg.eq.CO2/ml 1 t granulats/ml	✓	✗	✗	✓	✓	✓	✓	✓					
+ axe/2_D + axe/2_G 6.0 bbsg-0/10-C3 8.0 gb-0/14-C3 14.0 Fraisage 84 €/ml 1187 MJ/ml 65 Kg.eq.CO2/ml 1 t granulats/ml	✓	✗	✗	✓	✓	✓	✓	✓					
+ axe/2_D 4.0 bddcm 14.0 gb-0/14-C3 18.0 Fraisage 100 €/ml 1530 MJ/ml 84 Kg.eq.CO2/ml 1 t granulats/ml	✓	✗	✓	✓	✓	✓	✓	✗					
+ axe/2_D 6.0 bbsg-0/10-C3 12.0 gb-0/14-C3 18.0 Fraisage 102 €/ml 1525 MJ/ml 84 Kg.eq.CO2/ml 1 t granulats/ml	✓	✗	✓	✓	✓	✓	✓	✗					
+ axe/2_D 4.0 bddcm 15.0 gb-0/14-C3 19.0 Fraisage 105 €/ml 1615 MJ/ml 89 Kg.eq.CO2/ml 1 t granulats/ml	✓	✓	✓	✓	✓	✓	✓	✗					
+ axe/2_D 6.0 bbsg-0/10-C3 13.0 gb-0/14-C3 19.0 Fraisage 107 €/ml 1610 MJ/ml 89 Kg.eq.CO2/ml 1 t granulats/ml	✓	✓	✓	✓	✓	✓	✓	✗					

SYNTHESES DES RESULTATS PAR GAMME

Gammes de solutions	C1 giratoire V1+ axe/2_D 0+0 100.0 m	C2 allée des cepes V1+ axe/2_D 0+220 220.0 m	C3 carrefour rue Lucien Descaves V1+ axe/2_D 0+355	C4 carrefour rue du fosse Rouge V1+ axe/2_D 0+498	C5 carrefour rue du fosse Rouge V1+ axe/2_G 0+498	C6 Hameau Belle Salle V1+ axe/2_G 0+1270 250.0 m	C7 Hameau Belle Salle V1+ axe/2_D 0+1270 250.0 m	
	CR: 6 bbsg-0/10-C3 Surélévation: 0 cm Coût global: 77 €/ml	6 bbsg-0/10-C3 6 FR 47 €/ml	6 bbsg-0/10-C3 13 gb-0/14-C3 19 FR 107 €/ml	6 bbsg-0/10-C3 12 gb-0/14-C3 18 FR 102 €/ml	6 bbsg-0/10-C3 8 gb-0/14-C3 14 FR 84 €/ml	6 bbsg-0/10-C3 8 gb-0/14-C3 14 FR 84 €/ml	6 bbsg-0/10-C3 6 FR 47 €/ml	6 bbsg-0/10-C3 6 FR 47 €/ml
	CR: 4 bbdc CB: gb-0/14-C3 Surélévation: 0 cm Coût global: 80 €/ml	4 bbdc 8 gb-0/14-C3 12 FR 73 €/ml	4 bbdc 15 gb-0/14-C3 19 FR 105 €/ml	4 bbdc 14 gb-0/14-C3 18 FR 100 €/ml	4 bbdc 8 gb-0/14-C3 12 FR 73 €/ml	4 bbdc 8 gb-0/14-C3 12 FR 73 €/ml	4 bbdc 8 gb-0/14-C3 12 FR 73 €/ml	4 bbdc 8 gb-0/14-C3 12 FR 73 €/ml
	CR: 6 bbsg-0/10-C3 CB: gb-0/14-C3 Surélévation: 0 cm Coût global: 89 €/ml	6 bbsg-0/10-C3 8 gb-0/14-C3 14 FR 84 €/ml	6 bbsg-0/10-C3 13 gb-0/14-C3 19 FR 107 €/ml	6 bbsg-0/10-C3 12 gb-0/14-C3 18 FR 102 €/ml	6 bbsg-0/10-C3 8 gb-0/14-C3 14 FR 84 €/ml	6 bbsg-0/10-C3 8 gb-0/14-C3 14 FR 84 €/ml	6 bbsg-0/10-C3 8 gb-0/14-C3 14 FR 84 €/ml	6 bbsg-0/10-C3 8 gb-0/14-C3 14 FR 84 €/ml

Gammes de solutions	C8 V1+ axe/2_D 0+1800 250.0 m 						
CR: 6 bbsg-0/10-C3 Surélévation: 0 cm Coût global: 77 €/ml	6 bbsg-0/10-C3 8 gb-0/14-C3 14 FR 84 €/ml						
CR: 4 bbdcm CB: gb-0/14-C3 Surélévation: 0 cm Coût global: 80 €/ml	4 bbdcm 8 gb-0/14-C3 12 FR 73 €/ml						
CR: 6 bbsg-0/10-C3 CB: gb-0/14-C3 Surélévation: 0 cm Coût global: 89 €/ml	6 bbsg-0/10-C3 8 gb-0/14-C3 14 FR 84 €/ml						

C1 giratoire-V1+	C2 allée des cepes-V1+	C3 carrefour rue Lucien Descaves-V1+	C4 carrefour rue du fosse Rouge-V1+	C5 carrefour rue du fosse Rouge-V1+	C6 Hameau Belle Salle-V1+	C7 Hameau Belle Salle-V1+	C8 -V1+
180 m	220 m	250 m	250 m	250 m	250 m	250 m	250 m
6 (0)	6 bbsg-0/10-C3 (0)	6 bbsg-0/10-C3 (0)	6 bbsg-0/10-C3 (0)	6 bbsg-0/10-C3 (0)	6 bbsg-0/10-C3 (0)	6 bbsg-0/10-C3 (0)	6 bbsg-0/10-C3 (0)
	13 gb-0/14-C3 (0)	12 gb-0/14-C3 (0)	8 gb-0/14-C3 (0)	8 gb-0/14-C3 (0)			8 gb-0/14-C3 (0)

C1 giratoire-V1+	C2 allée des cepes-V1+	C3 carrefour rue Lucien Descaves-V1+	C4 carrefour ruede fosse Rouge-V1+	C5 carrefour rue du fosse Rouge-V1+	C6 Hameau Belle Salle-V1+	C7 Hameau Belle Salle-V1+	C8 -V1+
100 m	220 m	250 m	250 m	250 m	250 m	250 m	250 m
4 (0)	4 bbdcm (0)	4 bbdcm (0)	4 bbdcm (0)	4 bbdcm (0)	4 bbdcm (0)	4 bbdcm (0)	4 bbdcm (0)
8 (0)	15 gb-0/14-C3 (0)	14 gb-0/14-C3 (0)	8 gb-0/14-C3 (0)	8 gb-0/14-C3 (0)	8 gb-0/14-C3 (0)	8 gb-0/14-C3 (0)	8 gb-0/14-C3 (0)

C1 giratoire-V1+	C2 allée des cepes-V1+	C3 carrefour rue Lucien Descaves-V1+	C4 carrefour rue du fosse Rouge-V1+	C5 carrefour rue du fosse Rouge-V1+	C6 Hameau Belle Salle-V1+	C7 Hameau Belle Salle-V1+	C8 -V1+
100 m	220 m	250 m	250 m	250 m	250 m	250 m	250 m
6 (0)	6 bbsg-0/10-C3 (0)	6 bbsg-0/10-C3 (0)	6 bbsg-0/10-C3 (0)	6 bbsg-0/10-C3 (0)	6 bbsg-0/10-C3 (0)	6 bbsg-0/10-C3 (0)	6 bbsg-0/10-C3 (0)
8 (0)	13 gb-0/14-C3 (0)	12 gb-0/14-C3 (0)	8 gb-0/14-C3 (0)	8 gb-0/14-C3 (0)	8 gb-0/14-C3 (0)	8 gb-0/14-C3 (0)	8 gb-0/14-C3 (0)