



Verificator / Expert Checker / Expert		Semnatura Signature		Referință / Especificația Report / Expecificația	
European Investment Bank		MINISTERUL TRANSPORTURILOR			
Beneficiar / Beneficiary:		Semnatura Signature		Referință / Especificația Report / Expecificația	
		BENEFICIAR / BENEFICIARY :			
COMPANIA NAȚIONALĂ DE CĂI FERATE "CFR" SA					
PROIECTANT / DESIGNER:		PÖYRY		Data Date	
				01.2013	
Aprobat Approved		Sef de echipa Team leader		01.2013	
Verificat Checked		Expert Chele Key Expert		01.2013	
Subcontractant / Subcontractor		MIOTOP		Semnatura Signature	
Aprobat Approved		Adjunct Sef de echipa Deputy Team leader		01.2013	
Proiectat Designed		Inginer Engineer		01.2013	
Designat		Inginer Engineer		01.2013	

LEGENDA/LEGEND:

--- I ID --- 95/15 mm² ACSR
 ▷ Contact line pole
 --- I ID --- Anchor for contact line pole
 --- I ID --- Contact line poles simple or double connected to ACSR
 Impedance bonds
 Contact line pole connected to impedance bond
 Sectioning insulator
 Anchor for ACSR
 Length from impedance bond to sectioning of steel-aluminium conductor
 Supplementary impedance bond
 Sparking gap
 Earth-plate of the lighting installation
 Voltage limiting device

NOTA / NOTE

Pizzele de pământ vor fi amplasate la o distanță mai mare de 5 m. de axul căii ferate
 Earth-plate will be placed at a distance bigger than 5 m from the railway axis

Denumire desen / Drawing name: interval MILLOVA - BĂRZAVA secțiune Protection of the track and proximity installations		Scara / Scale - / -	Revizia / Revision 1/16.05.2013	Cod desen / Drawing Code PT.02.05.09.PR.003	Nr / No 09 / 06
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Distanța între stâlpii 229+238=109.5 m
 Distance between poles 229+238=109.5 m
 Deschiderea echivalentă = 45,71 m
 Average span = 45,71 m

Bobina suplimentară
 Supplementary impedance bond
 Km 575+012

Distanța între stâlpii 219+237=109.5 m
 Distance between poles 219+237=109.5 m
 Deschiderea echivalentă = 45,71 m
 Average span = 45,71 m

Bobina suplimentară
 Supplementary impedance bond
 Km 575+012

Distanța între stâlpii 256+530=7063.5 m
 Distance between poles 256+530=7063.5 m
 Deschiderea echivalentă = 51,98 m
 Average span = 51,98m

Distanța între stâlpii 255+529=7063.5 m
 Distance between poles 255+529=7063.5 m
 Deschiderea echivalentă = 51,98 m
 Average span = 51,98 m