



A B C D E F G H I J K L M N O P  
 1 2 3 4 5

**LEGENDA / LEGEND**

- Lucrari cuprinse in cadrul Contractului 92/17.09.2019 / Works included in Contract 92/17.09.2019 "Modernizarea infrastructurii din Portul Constanta" SIF ROSPA  
 SI ROSCI  
 Corp de iluminat echipat cu LED, 28W, 230V, 50Hz, clasa I, IP65, / Lamp equipped with LED, 28W, 230V, 50Hz, class I, IP65, / Lamp  
 preavazut cu acumulatori / equipped with accumulators  
 regim de siguranta minim 3 ore / Lamp minimum 3 hours safety regime  
 Corp de iluminat echipat cu LED, 28W, 230V, 50Hz, clasa I, IP65, / Lamp equipped with LED, 28W, 230V, 50Hz, class I, IP65, / Lamp  
 Stalp de iluminat h=10m, echipat cu panou fotovoltaic / Lighting pole h=10m, equipped with street lighting  
 Stalp de iluminat h=4m, echipat cu corp de iluminat lampadar 80W, IP65 / Lighting pole h=4m, equipped with street lighting

- Ax c.f. existent / Existing railway axis  
 Aparat de cale existent / Existing turnout  
 Ax c.f. protecat  
 Aparat de cale protecat / Designed turnout  
 Marca de siguranta / Fouling point  
 Dren longitudinal cu camera de vizitare / Longitudinal drain with inspection manhole  
 Longitudinal drain with inspection manhole  
 Sant din beton / Concrete ditch  
 Drum de irigrinare protecat / Designed maintenance road  
 Terasament protecat / Designed embankment  
 Zona CFR / CFR Area  
 Limita expropriati / The expropriation limit  
 NSS nivel superior sina top of rail  
 AR aliniament-racordare, punctul de trecere din aliniament in curba progresiva tangent to spiral, transition point from tangent to spiral  
 RC racordare-curba, punctul de trecere din curba progresiva in curba circulara spiral to curve, transition point from spiral to circular curve  
 CR curba-racordare, punctul de trecere din curba circulara in curba progresiva curve to spiral, transition point from circular curve to spiral  
 RA racordare-aliniament, punctul de trecere din curba progresiva in aliniament spiral to tangent, transition point from spiral curve to tangent  
 TI tangenta de intrare  
 Te tangenta de iesire  
 TC punct de tangenta comuna intre doua curbe circulare common tangent point between two circular curves  
 R raza curbei circulare, in m radius of circular curve, in m  
 Lr lungimea curbei progresive, in m length of spiral, in m  
 Rv raza curbei de racordare in plan vertical, in m radius of vertical curve, in m  
 Bv bisectoarea curbei de racordare in plan vertical, in m bisector of vertical curve, in m  
 Tv tangenta curbei de racordare din plan vertical, in m tangent of vertical curve, in m

ENTITATE CONTRACTANTA BENEFICIARY  
 CONTRACTANT/CONTRACTOR ASOCIEREA JY  
 DENUMIRE INVESTIIE / INVESTMENT NAME  
 "Studiu de Fezabilitate pentru Electrificarea si Reabilitarea liniei de cale ferată Constantia - Mangalia"  
 "Feasibility Study for Electrification and Rehabilitation of the Constantia - Mangalia Railway Line"  
 DENUMIRE PLAN / PLAN NAME  
 PLAN SITUATIE LAYOUT PLAN  
 SCARA / SCALE: 1:2.000  
 DATA DATE: 09.2023  
 COD PLAN / PLAN CODE: SF 6 SF 14 S 00 138a R4

COMPANIA NAIONALĂ DE CĂI FERATE "C.F.R." S.A.  
 ROMANIAN NATIONAL RAILWAY COMPANY  
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