

**M3 CHISINAU – GIURGIULESTI/ ROMANIAN BORDER
LOT I
CIUMAI – BYPASS VULCANESTI
(KM 151+200 - KM 171+290)
M3 EXISTING SECTION (KM 179+650 - KM 190+750)**

**ROAD SECTOR PROGRAM SUPPORT PROJECT
PROIECTUL DE SUSTINERE A PROGRAMULUI SECTORULUI RUTIER**

VOLUME III

Appendix. Associated Data
Anexa. Date tehnice si măsurători



06/2011

TENDER DOCUMENTS

DOCUMENTE DE LICITAȚIE

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VOLUMUL I. Documente de Licitație

VOLUME II. Technical Specifications

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Appendix. Bill of Quantities

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Appendix. Associated Data

Anexa. Date tehnice și măsurători

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Tree and brush clearance
Defrisarea arborilor si arbustilor

Nr.	Location, km + Amplasarea, km +		Length, m Lungimea, m	Trees, unit. Copaci, buc.	Brush, ha Arbusti, ha	Note Notă
	From km+ De la km+	To km+ Pina la km+				
1	151 200	151 400	200	1		
2	152 000	152 400	400	7	0,0417	
3	152 400	153 800	1 400	140	0,4851	
4	153 800	154 600	800	57	0,0103	
5	154 600	155 800	1 200	98	0,0269	
6	157 000	157 500	500	40	0,0255	
7	158 000	158 700	700	74		
8	160 500	160 800	300	13		
9	164 400	164 550	150	2	0,0086	
10	164 700	164 900	200	6	0,0090	
11	165 700	165 800	100	2	0,0038	
12	167 000	167 300	300	1	0,0059	
13	168 800	169 200	400	13		
14	169 500	170 000	500	25	0,0060	
15	171 000	171 200	200		0,0211	
M3 Existing section km 179+650 - km 190+750						
16	188 100	188 700	600	20		
17	190 000	190 300	300	10	0,0196	
18	190 400	190 500	100		0,0198	
TOTAL:				509	0,6833	

Pavement removal surface
 Lista demolării sistemului rutier

Nr.	Location, km + Amplasarea, km +		Length, m.l. Lungime, m.l.	Width of the lane,m Lățime banda carosabila, m		Area, sq.m. Suprafața, m2	Note Notă
	From km+ De la km+	To km+ Pina la km+		LHS Stînga	RHS Dreapta		
1	151 422	151 522	148	3,52	3,52	1 040	
2	152 353	153 525	1195	3,00	3,00	7 170	
3	153 853	153 945	117	3,00	3,00	702	
4	155 785	155 900	109	3,50	3,50	763	
5	156 030	156 250	295	3,50	3,50	2 065	
6	156 850	157 640	840	3,75	3,75	6 300	
7	158 600	158 807	255	3,75	3,75	1 913	
8	160 530	160 735	230	3,25	3,25	1 495	
9	164 425	164 615	230	3,50	3,50	1 610	
10	164 700	165 875	1240	2,25	2,25	5 580	beton de ciment
11	168 700	169 100	320	3,65	3,65	2 336	
12	169 430	169 750	335	3,50	3,50	2 345	
13	184 898	185 180	282	3,15	3,15	1 777	
14	188 130	188 335	205	2,80	2,80	1 148	
15	188 418	188 880	462	3,00	3,00	2 772	
16	189 230	189 599	369	2,75	2,75	2 030	
17	189 898	190 305	407	2,90	2,90	2 361	
TOTAL:		beton asfaltic	5 799			37 826	
		beton de ciment	1240			5580	

Pavement data
Lista cantitatilor imbracamintei rutiere

Length Distanta		Width, m Latimea, m				Area, m² Suprafete, m²				Volume of capping layer, m³ Volumul stratului drenant, m³	Type of pavement Tipul imbracamintei rutiere	Note Nota
PC+	Length, m Distanta, m	Carriageway Partea carosabila	Base Fundatia	Sholder consolidation Partea consolidata a acostamentului		Carriageway Partea carosabila	Base Fundatia	Sholder consolidation Partea consolidata a acostamentului				
				Left Stinga	Right Dreapta			Left Stinga	Right Dreapta			
1510+56.00												
1511+0.00	44.00	8.00	1.32	1.50	1.50	352.00	43.09	66.00	66.00	7.15	Tip I	
1512+0.00	100.00	8.00	1.11	1.50	1.50	800.00	108.87	150.00	150.00	18.09	Tip I	
1513+0.00	100.00	8.00	1.70	1.50	1.50	448.00	92.83	84.00	84.00	15.43	Tip I	
1514+0.00	100.00	8.28	2.39	1.50	1.50	869.60	409.20	150.00	145.23	88.61	Tip I	
1515+0.00	100.00	12.90	13.87	1.50	1.10	1234.78	1306.56	150.00	115.13	492.51	Tip III	
1516+0.00	100.00	11.20	12.17	1.50	1.10	1131.09	1228.13	150.00	110.00	491.11	Tip III	
1517+0.00	100.00	8.80	9.77	1.50	1.20	873.42	970.10	150.00	123.59	372.31	Tip III	
1518+0.00	100.00	8.00	8.97	1.50	1.50	808.74	905.78	150.00	150.00	252.51	Tip IV	
1519+0.00	100.00	8.00	8.97	1.50	1.48	800.00	897.20	150.00	148.83	226.22	Tip IV	
1520+0.00	100.00	8.00	8.97	1.50	1.48	800.00	897.20	150.00	148.00	225.30	Tip IV	
1521+0.00	100.00	8.00	8.97	1.50	1.48	812.97	910.18	150.00	148.00	227.78	Tip IV	
1522+0.00	100.00	11.94	12.91	1.50	1.48	1106.01	1202.80	145.60	148.00	499.11	Tip IV	
1523+0.00	100.00	13.21	14.18	1.30	1.50	1355.78	1453.00	130.00	149.85	899.29	Tip III	
1524+0.00	100.00	16.52	17.49	1.30	1.50	1556.18	1653.56	130.00	150.00	852.48	Tip III	
1525+0.00	100.00	15.13	16.10	1.30	1.50	1483.21	1580.53	130.00	150.00	838.13	Tip III	
1526+0.00	100.00	12.20	13.17	1.30	1.50	1221.23	1318.34	130.00	150.00	674.58	Tip III	
1527+0.00	100.00	12.20	13.17	1.30	1.50	1220.00	1317.11	130.00	150.00	673.88	Tip III	
1528+0.00	100.00	12.20	13.17	1.30	1.50	1217.30	1314.33	132.70	150.00	667.31	Tip III	
1529+0.00	100.00	11.64	12.61	1.50	1.50	1173.25	1270.15	147.84	150.00	440.70	Tip III	
1530+0.00	100.00	11.50	12.47	1.50	1.50	1150.00	1247.31	150.00	150.00	295.39	Tip III	
1531+0.00	100.00	11.50	12.47	1.50	1.50	1150.00	1247.31	150.00	150.00	295.39	Tip III	
1532+0.00	100.00	11.50	12.47	1.50	1.50	1150.00	1247.31	150.00	150.00	295.39	Tip III	
1533+0.00	100.00	11.50	12.47	1.50	1.50	1150.00	1247.31	150.00	150.00	295.39	Tip III	
1534+0.00	100.00	11.50	12.47	1.50	1.50	1150.00	1247.31	150.00	150.00	295.39	Tip III	
1535+0.00	100.00	11.50	12.47	1.50	1.50	1150.00	1247.31	150.00	150.00	295.39	Tip III	
1536+0.00	100.00	11.94	12.91	1.50	1.50	1150.00	1247.31	150.00	150.00	295.39	Tip III	
1537+0.00	100.00	12.40	13.37	1.50	1.10	1191.45	1288.35	150.00	141.61	384.68	Tip III	
1538+0.00	100.00	11.90	12.87	1.50	1.50	1239.47	1336.58	150.00	110.53	440.66	Tip III	
1539+0.00	100.00	11.90	12.87	1.50	1.43	1204.00	1301.10	150.00	138.80	401.89	Tip III	
1540+0.00	100.00	11.90	12.87	1.50	1.50	1190.00	1287.09	150.00	146.74	383.62	Tip III	
1541+0.00	100.00	11.90	12.87	1.50	1.50	1191.83	1141.61	150.00	150.00	332.77	Tip II	
1542+0.00	100.00	11.50	5.79	1.50	1.50	1112.19	523.05	150.00	150.00	102.76	Tip II	
1543+0.00	100.00	8.00	3.27	1.50	1.50	832.67	311.66	150.00	150.00	54.52	Tip II	
1544+0.00	100.00	8.00	3.38	1.50	1.50	800.00	336.87	150.00	150.00	54.99	Tip II	
1545+0.00	100.00	8.00	3.26	1.50	1.50	800.00	326.29	150.00	150.00	53.34	Tip II	
1546+0.00	100.00	8.00	2.74	1.50	1.50	800.00	275.54	150.00	150.00	45.31	Tip II	

Length Distanta		Width, m Latimea, m				Area, m² Suprafete, m²				Volume of capping layer, m³ Volumul stratului drenant, m³	Type of pavement Tipul imbracamintei rutiere	Note Nota
PC+	Length, m Distanta, m	Carriageway Partea carosabila	Base Fundatia	Sholder consolidation Partea consolidata a acostamentului		Carriageway Partea carosabila	Base Fundatia	Sholder consolidation Partea consolidata a acostamentului				
				Left Stinga	Right Dreapta			Left Stinga	Right Dreapta			
1546+0.00	100.00	8.00	2.08	1.50	1.50	800.00	212.98	150.00	150.00	35.40	Tip I	
1547+0.00	100.00	8.00	2.05	1.50	1.50	800.00	220.54	150.00	150.00	36.56	Tip I	
1548+0.00	100.00	8.00	7.76	1.50	1.50	800.00	635.30	150.00	150.00	102.64	Tip I	
1549+0.00	100.00	8.00	3.29	1.50	1.50	800.00	440.19	150.00	150.00	71.52	Tip I	
1550+0.00	100.00	8.00	1.97	1.50	1.50	800.00	213.86	150.00	150.00	35.42	Tip I	
1551+0.00	100.00	8.00	1.82	1.50	1.50	800.00	182.18	150.00	150.00	30.39	Tip I	
1552+0.00	100.00	8.00	2.16	1.50	1.50	800.00	212.95	150.00	150.00	35.28	Tip I	
1553+0.00	100.00	8.00	2.61	1.50	1.50	800.00	254.71	150.00	150.00	42.00	Tip I	
1554+0.00	100.00	8.00	2.47	1.50	1.50	800.00	247.78	150.00	150.00	40.89	Tip I	
1555+0.00	100.00	8.00	2.21	1.50	1.50	800.00	221.77	150.00	150.00	36.71	Tip I	
1556+0.00	100.00	8.00	1.82	1.50	1.50	800.00	190.39	150.00	150.00	31.72	Tip I	
1557+0.00	100.00	8.00	1.72	1.50	1.50	800.00	182.80	150.00	150.00	30.47	Tip I	
1558+0.00	100.00	8.39	2.41	1.50	1.50	835.04	401.95	145.60	150.00	126.54	Tip I	
1559+0.00	100.00	8.70	9.67	1.30	1.50	870.00	987.40	130.00	150.00	390.76	Tip III	
1560+0.00	100.00	8.70	9.67	1.30	1.50	870.00	966.83	130.00	150.00	387.15	Tip III	
1561+0.00	100.00	8.70	9.67	1.30	1.50	870.00	966.83	130.00	150.00	387.15	Tip III	
1562+0.00	100.00	8.70	9.67	1.30	1.50	870.00	966.83	130.00	150.00	387.15	Tip III	
1563+0.00	100.00	8.70	12.73	1.30	1.50	862.96	907.45	134.40	150.00	258.48	Tip I	
1564+0.00	100.00	8.00	3.66	1.50	1.50	810.64	263.26	150.00	150.00	45.92	Tip I	
1565+0.00	100.00	8.00	3.70	1.50	1.50							
1566+0.00	100.00	8.00	3.73	1.50	1.50	800.00	368.80	150.00	150.00	60.72	Tip I	
1567+0.00	100.00	8.00	3.58	1.50	1.50	800.00	372.25	150.00	150.00	61.36	Tip I	
1568+0.00	100.00	8.00	3.72	1.50	1.50	800.00	360.89	150.00	150.00	59.15	Tip I	
1569+0.00	100.00	8.53	4.25	1.50	1.47	803.05	371.40	150.00	150.00	63.80	Tip I	
1570+0.00	100.00	8.54	9.50	1.50	1.46	845.83	534.01	150.00	144.06	126.30	Tip III	
1571+0.00	100.00	8.00	8.97	1.50	1.50	851.60	948.21	150.00	142.48	360.37	Tip III	
1572+0.00	100.00	8.00	8.97	1.50	1.50	806.45	903.48	150.00	150.00	250.83	Tip III	
1573+0.00	100.00	8.00	8.97	1.50	1.50	800.00	897.20	150.00	150.00	227.63	Tip III	
1574+0.00	100.00	8.00	8.97	1.50	1.50	800.00	897.20	150.00	150.00	227.63	Tip III	
1575+0.00	100.00	8.00	8.97	1.50	1.50	800.00	897.20	150.00	150.00	227.63	Tip III	
1576+0.00	100.00	8.00	8.97	1.50	1.50	800.00	897.20	150.00	150.00	227.63	Tip III	
1577+0.00	100.00	8.00	8.97	1.50	1.50	801.04	898.21	150.00	150.00	231.27	Tip III	
1578+0.00	100.00	8.46	9.42	1.50	1.50	839.73	936.38	150.00	145.60	343.26	Tip III	
1579+0.00	100.00	8.70	9.67	1.50	1.30	870.00	966.83	150.00	130.00	387.15	Tip III	
1580+0.00	100.00	8.70	9.67	1.50	1.30	870.00	966.83	150.00	130.00	387.15	Tip III	
1581+0.00	100.00	8.70	9.67	1.50	1.30	870.00	966.83	150.00	130.00	387.15	Tip I	
1582+0.00	100.00	8.51	2.46	1.50	1.49	849.33	404.83	150.00	143.80	133.28	Tip I	
1583+0.00	100.00	8.00	1.97	1.50	1.50	805.26	157.25	150.00	150.00	26.32	Tip I	

Length Distanta		Width, m Latimea, m				Area, m² Suprafete, m²				Volume of capping layer, m³ Volumul stratului drenant, m³	Type of pavement Tipul imbracamintei rutiere	Note Nota
PC+	Length, m Distanta, m	Carriageway Partea carosabila	Base Fundatia	Sholder consolidation Partea consolidata a acostamentului		Carriageway Partea carosabila	Base Fundatia	Sholder consolidation Partea consolidata a acostamentului				
				Left Stinga	Right Dreapta			Left Stinga	Right Dreapta			
1584+0.00	100.00	8.00	1.90	1.50	1.50	800.00	194.02	150.00	150.00	32.30	Tip I	
1585+0.00	100.00	8.00	1.88	1.50	1.50	800.00	188.35	150.00	150.00	31.46	Tip I	
1586+0.00	100.00	8.25	2.64	1.50	1.50	824.95	393.52	148.42	150.00	97.27	Tip III	
1587+0.00	100.00	8.70	9.67	1.30	1.50	866.41	963.16	133.59	150.00	386.38	Tip III	
1588+0.00	100.00	10.29	11.26	1.30	1.50	1042.07	1139.03	130.00	150.00	455.01	Tip III	
1589+0.00	100.00	12.70	13.67	1.30	1.50	1257.78	1354.93	130.00	150.00	562.08	Tip III	
1590+0.00	100.00	8.70	9.67	1.30	1.50	959.39	1056.29	130.00	150.00	428.61	Tip III	
1591+0.00	100.00	8.70	9.67	1.30	1.50	865.93	962.67	134.07	150.00	386.25	Tip III	
1592+0.00	100.00	8.00	8.97	1.50	1.50	818.14	915.02	149.58	150.00	283.99	Tip III	
1593+0.00	100.00	8.00	8.97	1.50	1.50	800.00	897.20	150.00	150.00	227.63	Tip III	
1594+0.00	100.00	8.00	8.97	1.50	1.50	800.00	897.20	150.00	150.00	227.63	Tip III	
1595+0.00	100.00	8.00	8.97	1.50	1.50	800.00	897.20	150.00	150.00	227.63	Tip III	
1596+0.00	100.00	8.00	8.97	1.50	1.50	800.00	897.20	150.00	150.00	227.63	Tip III	
1597+0.00	100.00	8.00	8.97	1.50	1.50	800.00	897.20	150.00	150.00	227.63	Tip III	
1598+0.00	100.00	8.00	8.97	1.50	1.50	800.00	897.20	150.00	150.00	227.63	Tip III	
1599+0.00	100.00	8.41	9.37	1.50	1.50	800.37	897.56	150.00	150.00	229.12	Tip III	
1600+0.00	100.00	8.70	9.67	1.50	1.30	836.33	932.99	150.00	145.60	334.03	Tip III	
1601+0.00	100.00	8.70	9.67	1.50	1.30	870.00	966.83	150.00	130.00	363.22	Tip III	
1602+0.00	100.00	8.70	9.67	1.50	1.30	870.00	966.83	150.00	130.00	363.22	Tip III	
1603+0.00	100.00	8.21	9.18	1.50	1.50	866.92	963.71	150.00	133.08	362.82	Tip III	
1604+0.00	100.00	8.41	9.37	1.50	1.50	827.62	923.97	150.00	148.33	357.01	Tip III	
1605+0.00	100.00	12.17	13.15	1.30	1.50	1131.26	1228.29	130.47	150.00	450.60	Tip III	
1606+0.00	100.00	11.49	12.46	1.30	1.50	1136.81	1233.83	130.72	150.00	483.82	Tip III	
1608+0.00	100.00	8.28	0.29	1.50	1.50	835.05	345.68	145.31	150.00	117.67	Tip VI	
1609+0.00	100.00	8.00	2.65	1.50	1.50	800.00	265.39	150.00	150.00	43.97	Tip VI	
1610+0.00	100.00	8.00	2.32	1.50	1.50	800.00	234.18	150.00	150.00	38.91	Tip VI	
1611+0.00	100.00	8.00	2.11	1.50	1.50	800.00	211.41	150.00	150.00	35.13	Tip VI	
1612+0.00	100.00	8.00	1.97	1.50	1.50	800.00	198.66	150.00	150.00	33.08	Tip VI	
1613+0.00	100.00	8.00	1.88	1.50	1.50	800.00	187.89	150.00	150.00	31.32	Tip VI	
1614+0.00	100.00	8.00	1.87	1.50	1.50	800.00	186.73	150.00	150.00	31.09	Tip VI	
1615+0.00	100.00	8.00	1.91	1.50	1.50	800.00	186.65	150.00	150.00	31.10	Tip VI	
1616+0.00	100.00	8.00	1.83	1.50	1.50	800.00	181.98	150.00	150.00	30.30	Tip VI	
1617+0.00	100.00	8.00	1.83	1.50	1.50	800.00	183.84	150.00	150.00	30.58	Tip VI	
1618+0.00	100.00	8.02	2.40	1.50	1.50	806.51	232.75	150.00	150.00	46.78	Tip VI	
1619+0.00	100.00	8.50	2.40	1.50	1.50	838.42	233.41	150.00	150.00	58.56	Tip VI	
1620+0.00	100.00	8.02	0.00	1.50	1.50	809.43	76.66	150.00	150.00	20.93	Tip VI	
1621+0.00	100.00	8.00	1.47	1.50	1.50	800.00	148.76	150.00	150.00	24.85	Tip VI	

Length Distanta		Width, m Latimea, m				Area, m² Suprafete, m²				Volume of capping layer, m³ Volumul stratului drenant, m³	Type of pavement Tipul imbracamintei rutiere	Note Nota
PC+	Length, m Distanta, m	Carriageway Partea carosabila	Base Fundatia	Sholder consolidation Partea consolidata a acostamentului		Carriageway Partea carosabila	Base Fundatia	Sholder consolidation Partea consolidata a acostamentului				
				Left Stinga	Right Dreapta			Left Stinga	Right Dreapta			
		8.00	1.84	1.50	1.50							
1622+0.00	100.00	8.00	1.40	1.50	1.50	800.00	177.33	150.00	150.00	29.64	Tip VI	
1623+0.00	100.00	8.00	1.19	1.50	1.50	800.00	143.16	150.00	150.00	23.91	Tip VI	
1624+0.00	100.00	8.00	1.67	1.50	1.50	800.00	124.58	150.00	150.00	20.76	Tip VI	
1625+0.00	100.00	8.00	2.27	1.50	1.50	800.00	166.94	150.00	150.00	27.75	Tip VI	
1626+0.00	100.00	8.00	2.07	1.50	1.50	800.00	217.99	150.00	150.00	36.09	Tip VI	
1627+0.00	100.00	8.00	2.11	1.50	1.50	800.00	209.07	150.00	150.00	34.64	Tip VI	
1628+0.00	100.00	8.00	2.67	1.50	1.50	800.00	213.03	150.00	150.00	35.28	Tip VI	
1629+0.00	100.00	8.00	7.39	1.50	1.50	800.00	268.75	150.00	150.00	44.22	Tip VI	
1630+0.00	100.00	8.00	7.85	1.50	1.50	800.00	628.07	150.00	150.00	101.55	Tip VI	
1631+0.00	100.00	8.00	7.77	1.50	1.50	800.00	776.72	150.00	150.00	125.15	Tip VI	
1632+0.00	100.00	8.00	2.32	1.50	1.50	800.00	664.99	150.00	150.00	107.36	Tip VI	
1633+0.00	100.00	8.00	2.05	1.50	1.50	800.00	243.24	150.00	150.00	40.38	Tip VI	
1634+0.00	100.00	8.00	2.26	1.50	1.50	800.00	214.25	150.00	150.00	35.53	Tip VI	
1635+0.00	100.00	8.00	2.78	1.50	1.50	800.00	227.94	150.00	150.00	37.70	Tip VI	
1636+0.00	100.00	8.00	2.79	1.50	1.50	800.00	270.61	150.00	150.00	44.54	Tip VI	
1637+0.00	100.00	8.00	2.80	1.50	1.50	800.00	278.90	150.00	150.00	45.86	Tip VI	
1638+0.00	100.00	8.00	2.85	1.50	1.50	800.00	280.21	150.00	150.00	46.07	Tip VI	
1639+0.00	100.00	8.00	2.53	1.50	1.50	800.00	280.90	150.00	150.00	46.18	Tip VI	
1640+0.00	100.00	8.00	2.94	1.50	1.50	800.00	262.03	150.00	150.00	43.17	Tip VI	
1641+0.00	100.00	8.00	3.16	1.50	1.50	800.00	289.30	150.00	150.00	47.51	Tip VI	
1642+0.00	100.00	8.00	4.25	1.50	1.50	800.00	323.00	150.00	150.00	52.81	Tip VI	
1643+0.00	100.00	8.22	8.75	1.50	1.50	800.00	500.06	150.00	150.00	80.64	Tip VI	
1644+0.00	100.00	8.70	9.67	1.50	1.30	822.61	882.36	150.00	149.38	207.10	Tip III	
1645+0.00	100.00	8.02	8.99	1.50	1.50	858.80	955.42	150.00	139.22	383.98	Tip III	
1646+0.00	100.00	8.00	8.97	1.50	1.50	812.36	909.28	150.00	150.00	272.97	Tip III	
1647+0.00	100.00	8.00	8.97	1.50	1.50	800.00	897.20	150.00	150.00	226.57	Tip III	
1648+0.00	100.00	8.00	8.97	1.50	1.50	800.00	897.20	150.00	150.00	226.28	Tip III	
1649+0.00	100.00	8.00	8.97	1.50	1.50	800.00	897.20	150.00	150.00	227.63	Tip III	
1650+0.00	100.00	8.00	8.97	1.50	1.50	800.00	897.20	150.00	150.00	227.63	Tip III	
1651+0.00	100.00	8.00	8.97	1.50	1.50	800.00	897.20	150.00	150.00	227.63	Tip III	
1652+0.00	100.00	8.00	8.97	1.50	1.50	800.00	897.20	150.00	150.00	227.63	Tip III	
1653+0.00	100.00	8.00	8.97	1.50	1.50	800.00	897.20	150.00	150.00	227.63	Tip III	
1654+0.00	100.00	8.00	8.97	1.50	1.50	800.00	897.20	150.00	150.00	227.63	Tip III	
1655+0.00	100.00	8.00	8.97	1.50	1.50	800.00	897.20	150.00	150.00	227.63	Tip III	
1656+0.00	100.00	8.00	8.97	1.50	1.50	800.00	897.20	150.00	150.00	227.63	Tip III	
1657+0.00	100.00	8.00	8.97	1.50	1.50	800.00	897.20	150.00	150.00	227.63	Tip III	
1658+0.00	100.00	8.00	8.97	1.50	1.50	800.00	897.20	150.00	150.00	227.63	Tip III	
	23.00	8.00	8.97	2.00	2.00	632.00	708.79	135.75	135.75	179.83	Tip III	

Length Distanta		Width, m Latimea, m				Area, m² Suprafete, m²				Volume of capping layer, m³ Volumul stratului drenant, m³	Type of pavement Tipul imbracamintei rutiere	Note Nota
PC+	Length, m Distanta, m	Carriageway Partea carosabila	Base Fundatia	Sholder consolidation Partea consolidata a acostamentului		Carriageway Partea carosabila	Base Fundatia	Sholder consolidation Partea consolidata a acostamentului				
				Left Stinga	Right Dreapta			Left Stinga	Right Dreapta			
Total Section I	Type I											
	2 744					21 906	8 827	4 030	4 019	1 945		
	Type II											
	600					5 537	2 915	900	900	644		
	Type III											
	7 323					69 893	76 074	10 749	10 790	25 601		
	Type IV											
	500					4 328	4 813	746	743	1 431		
	Type VI											
3 600					28 889	9 635	5 395	5 400	1 681			

Pavement data
Lista cantitatilor imbracamintei rutiere

Length Dista ⁿ ta		Width, m Latimea, m				Area, m ² Suprafete, m ²				Volume of capping layer, m ³ Volumul stratului drenant, m ³	Type of pavement Tipul imbracamintei rutiere	Note Nota
PC+	Length, m Dista ⁿ ta, m	Carriageway Partea carosabila	Base Fundata	Sholder consolidation		Carriageway Partea carosabila	Base Fundata	Sholder consolidation				
				Left Stinga	Right Dreapta			Left Stinga	Right Dreapta			
1658+53.88		8.00	2.06	1.50	1.50							
	98.00					784.00	229.43	147.00	147.00	38.55	Tip I	
1659+51.88		8.00	2.62	1.50	1.50							
	97.29					778.32	259.64	145.94	145.94	43.56	Tip I	
1660+49.17		8.00	2.72	1.50	1.50							
	99.76					798.08	260.45	149.64	149.64	43.71	Tip I	
1661+48.93		8.00	2.50	1.50	1.50							
	100.99					807.92	248.91	151.49	151.49	41.81	Tip I	
1662+49.92		8.00	2.43	1.50	1.50							
	47.98					383.84	119.19	71.97	71.97	20.02	Tip I	
1662+97.90		8.00	2.54	1.50	1.50							
	51.81					414.48	130.00	77.72	77.72	21.83	Tip I	
1663+49.71		8.00	2.48	1.50	1.50							
	100.22					801.76	238.04	150.33	150.33	39.99	Tip I	
1664+49.93		8.00	2.27	1.50	1.50							
	99.70					797.60	224.14	149.55	149.55	37.69	Tip I	
1665+49.63		8.00	2.22	1.50	1.50							
	96.13					769.04	233.56	144.20	144.20	39.24	Tip I	
1666+45.76		8.00	2.64	1.50	1.50							
	102.50					820.00	266.37	153.75	153.75	44.70	Tip I	
1667+48.26		8.00	2.56	1.50	1.50							
	95.64					765.12	245.62	143.46	143.46	41.22	Tip I	
1668+43.90		8.00	2.58	1.50	1.50							
	93.96					751.68	247.28	140.94	140.94	41.48	Tip I	
1669+37.86		8.00	2.69	1.50	1.50							
	97.65					812.80	131.20	146.48	139.29	22.01	Tip I	
1670+35.51		8.65	0.00	1.50	1.35							
	98.37					818.79	150.87	147.56	140.31	25.22	Tip I	
1671+33.88		8.00	3.07	1.50	1.50							
	98.73					789.84	287.83	148.10	148.10	48.13	Tip I	
1672+32.61		8.00	2.76	1.50	1.50							
	98.86					790.88	268.73	148.29	148.29	44.86	Tip I	
1673+31.47		8.00	2.67	1.50	1.50							
	98.95					791.60	252.94	148.43	148.43	42.14	Tip I	
1674+30.42		8.00	2.44	1.50	1.50							
	98.51					788.08	229.94	147.77	147.77	38.50	Tip I	
1675+28.93		8.00	2.23	1.50	1.50							
	22.18					177.44	48.76	33.27	33.27	8.20	Tip I	
1675+51.11		8.00	2.17	1.50	1.50							
	75.42					603.36	172.61	113.13	113.13	29.02	Tip I	
1676+26.53		8.00	2.41	1.50	1.50							
	63.24					505.92	165.16	94.86	94.86	27.72	Tip I	
1676+89.77		8.00	2.81	1.50	1.50							
	24.57					196.56	64.72	36.85	36.85	10.86	Tip I	
1677+14.34		8.00	2.45	1.50	1.50							
	100.25					950.19	197.23	150.38	150.38	33.09	Tip I	
1678+14.59		10.96	1.48	1.50	1.50							
	96.85					1087.45	127.37	145.28	145.28	107.36	Tip II	
1679+11.44		11.50	1.15	1.50	1.50							
	70.07					805.81	40.27	105.11	105.11	68.99	Tip II	
1679+81.51		11.50	0.00	1.50	1.50							
	118.57					1363.56	363.14	177.86	177.86	63.48	Tip II	
1681+0.08		11.50	6.13	1.50	1.50							
	94.29					1084.34	572.37	141.44	141.44	100.12	Tip II	
1681+94.37		11.50	6.02	1.50	1.50							
	95.16					1094.34	567.04	142.74	142.74	99.30	Tip II	
1682+89.53		11.50	5.90	1.50	1.50							
	98.52					1132.98	586.71	147.78	147.78	102.74	Tip II	
1683+88.05		11.50	6.01	1.50	1.50							
	94.16					1082.84	561.08	141.24	141.24	98.26	Tip II	
1684+82.21		11.50	5.91	1.50	1.50							
	94.31					1084.57	576.73	141.47	141.47	100.79	Tip II	
1685+76.52		11.50	6.32	1.50	1.50							
	95.35					1096.53	568.79	143.03	143.03	99.48	Tip II	
1686+71.87		11.50	5.61	1.50	1.50							
	96.45					1033.28	482.73	144.68	144.68	125.44	Tip II	
1687+68.32		9.93	4.40	1.50	1.50							
	93.78					840.56	627.05	140.67	140.67	182.81	Tip II	
1688+62.10		8.00	8.97	1.50	1.50							

Length Distața		Width, m Latimea, m				Area, m² Suprafete, m²				Volume of capping layer, m³ Volumul stratului drenant, m³	Type of pavement Tipul imbracamintei rutiere	Note Nota	
PC+	Length, m Distața, m	Carriageway Partea carosabila	Base Fundatia	Sholder consolidation		Carriageway Partea carosabila	Base Fundatia	Sholder consolidation					
				Left Singa	Right Dreapta			Left Singa	Right Dreapta				
	97.68		8.00	8.97	1.50	1.50	781.44	876.39	146.52	146.52	222.91	Tip III	
1689+59.78		8.00					816.56	591.41	153.11	153.11	138.86	Tip III	
	102.07												
1690+61.85		8.00	2.62	1.50	1.50		816.00	265.83	153.00	153.00	44.60	Tip I	
	102.00												
1691+63.85		8.00	2.60	1.50	1.50		805.20	245.55	150.98	150.98	41.25	Tip I	
	100.65												
1692+64.50		8.00	2.28	1.50	1.50		766.56	237.08	143.73	143.73	39.82	Tip I	
	95.82												
1693+60.32		8.00	2.67	1.50	1.50								
	44.29						354.32	118.07	66.43	66.43	19.81	Tip I	
1694+4.61		8.00	2.67	1.50	1.50		416.80	143.02	78.15	78.15	45.85	Tip I	
	52.10												
1694+56.71		8.00	2.82	1.50	1.50								
	96.09						768.72	566.75	144.14	144.14	172.72	Tip I	
1695+52.80		8.00	8.97	1.50	1.50								
	96.81						774.48	868.58	145.22	145.22	220.93	Tip III	
1696+49.61		8.00	8.97	1.50	1.50								
	101.05						985.24	749.80	151.58	151.58	167.27	Tip III	
1697+50.66		11.50	5.87	1.50	1.50		1158.86	587.66	151.16	151.16	103.04	Tip II	
	100.77												
1698+51.43		11.50	5.80	1.50	1.50								
	98.88						1137.12	576.00	148.32	148.32	101.01	Tip II	
1699+50.31		11.50	5.86	1.50	1.50								
	98.51						1132.86	588.87	147.76	147.76	103.11	Tip II	
1700+48.82		11.50	6.10	1.50	1.50								
	100.00						1150.00	597.83	150.00	150.00	104.68	Tip II	
1701+48.82		11.50	5.86	1.50	1.50								
	70.59						811.79	405.55	105.89	105.89	71.17	Tip II	
1702+19.41		11.50	5.63	1.50	1.50								
	116.82						1343.43	687.57	175.23	175.23	120.50	Tip II	
1703+36.23		11.50	6.14	1.50	1.50								
	115.89						1129.93	476.79	173.84	173.84	82.58	Tip II	
1704+52.12		0.00	0.00	0.00	0.00	0.00							
	0.00						0.00	0.00	0.00	0.00	0.00	Tip I	
1704+57.80		0.00	0.00	0.00	0.00	0.00							
	0.00						0.00	0.00	0.00	0.00	0.00	Tip I	
1704+64.12		8.00	2.08	1.50	1.50								
	192.54						1877.27	783.86	288.81	288.81	135.76	Tip I	
1706+56.66		11.50	6.06	1.50	1.50								
	90.56						1041.44	545.24	135.84	135.84	95.40	Tip II	
1707+47.22		11.50	5.98	1.50	1.50								
	79.84						918.16	469.00	119.76	119.76	82.20	Tip II	
1708+27.06		11.50	5.77	1.50	1.50								
	107.15						1232.23	524.33	160.72	160.72	92.68	Tip II	
1709+34.21		11.50	4.02	1.50	1.50								
	86.52						994.98	253.96	151.41	151.41	45.65	Tip II	
1710+20.73		11.50	1.85	2.00	2.00								
	19.27						221.61	30.75	38.54	38.54	5.60	Tip II	
1710+40.00		11.50	1.34	2.00	2.00								
	7.88						90.62	9.75	15.76	15.76	1.77	Tip II	
1710+47.88		11.50	1.13	2.00	2.00								
	98.00						1127.00	113.75	196.00	196.00	20.68	Tip II	
Total Section 2	Type I												
	2 644						21 702	7 033	3 966	3 952	1 283		
	Type II												
	2 238						25 196	10 940	3 441	3 441	2 179		
	Type III												
	398						3 358	3 086	596	596	750		

Pavement data
Lista cantitatilor imbracamintei rutiere

Length Distanta		Width, m Latimea, m				Area, m² Suprafete, m²				Volume of capping layer, m³ Volumul stratului drenant, m³	Type of pavement Tipul imbracamintei rutiere	Note Nota
PC+	Length, m Distanta, m	Carriageway Partea carosabila	Base Fundatia	Sholder consolidation		Carriageway Partea carosabila	Base Fundatia	Sholder consolidation				
				Left Stinga	Right Dreapta			Left Stinga	Right Dreapta			
1796+45.55												
		8.00	0.00	1.50	1.50							
1797+0.00	4.45					435.60	0.00	81.68	81.68	0.00	V	
		8.00	0.00	1.50	1.50							
1798+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1799+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1800+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1801+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1802+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1803+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1804+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1805+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1806+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1807+0.00	100.00					800.00	42.80	150.00	150.00	0.00	V	
		8.00	0.59	1.50	1.50							
1808+0.00	100.00					720.00	17.31	135.00	135.00	8.94	I	
		8.00	0.00	1.50	1.50							
1809+0.00	100.00					800.00	13.39	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1810+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1811+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1812+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1813+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1814+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1815+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1816+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1817+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1818+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1819+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1820+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1821+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1822+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1823+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1824+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1825+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1826+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							

Length Distanta		Width, m Latimea, m				Area, m² Suprafete, m²				Volume of capping layer, m³ Volumul stratului drenant, m³	Type of pavement Tipul imbracamintei rutiere	Note Nota
PC+	Length, m Distanta, m	Carriageway Partea carosabila	Base Fundatia	Sholder consolidation		Carriageway Partea carosabila	Base Fundatia	Sholder consolidation				
				Left Stinga	Right Dreapta			Left Stinga	Right Dreapta			
1827+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1828+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1829+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1830+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1831+0.00	100.00					800.00	1.46	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1832+0.00	100.00					800.00	14.96	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1833+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1834+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1835+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1836+0.00	100.00					800.00	0.00	150.00	150.00	11.47	V	
		8.19	1.54	1.31	1.50							
1837+0.00	100.00					802.96	42.11	147.04	150.00	20.45	I	
		8.77	0.29	0.73	1.50							
1838+0.00	100.00					858.12	157.47	91.88	150.00	30.50	I	
		8.00	0.00	1.50	1.50							
1839+0.00	100.00					832.41	135.65	117.59	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1840+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1841+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1842+0.00	100.00					800.00	155.16	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1843+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1844+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1845+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	0.00	1.50	1.50							
1846+0.00	100.00					800.00	0.00	150.00	150.00	0.00	V	
		8.00	3.23	1.50	1.50							
1847+0.00	100.00					800.00	95.01	150.00	150.00	52.94	I	
		8.00	0.00	1.50	1.50							
1848+0.00	100.00					800.00	72.80	150.00	150.00	0.00	V	
		8.70	4.01	0.80	1.50							
1849+0.00	100.00					832.78	161.00	117.22	150.00	71.87	I	
		8.80	3.77	0.70	1.50							
1850+0.00	70.00					878.58	317.83	71.42	150.00	82.08	I	
		8.49	1.11	1.01	1.50							
1851+0.00	30.00					870.69	297.28	79.31	150.00	65.30	I	
		8.00	2.69	1.50	1.50							
1852+0.00	100.00					812.22	304.04	137.78	150.00	43.91	I	
		8.00	0.00	1.50	1.50							
1853+0.00	100.00					800.00	61.12	150.00	150.00	0.00	I	
		8.00	0.00	1.50	1.50							
1854+0.00	100.00					800.00	159.50	150.00	150.00	0.00	I	
		8.00	3.07	1.50	1.50							
1855+0.00	100.00					800.00	90.31	150.00	150.00	50.20	I	
		8.00	0.00	1.50	1.50							
1856+0.00	100.00					800.00	69.80	150.00	150.00	0.00	V	

Length Distanța		Width, m Latimea, m				Area, m² Suprafete, m²				Volume of capping layer, m³ Volumul stratului drenant, m³	Type of pavement Tipul imbracamintei rutiere	Note Nota
PC+	Length, m Distanța, m	Carriageway Partea carosabila	Base Fundata	Sholder consolidation		Carriageway Partea carosabila	Base Fundata	Sholder consolidation				
				Left Stinga	Right Dreapta			Left Stinga	Right Dreapta			
1857+0.00	100.00	8.00	0.00	1.50	1.50	800.00	152.24	150.00	150.00	0.00	V	
1858+0.00	100.00	8.00	0.00	1.50	1.50	800.00	150.76	150.00	150.00	0.00	V	
1859+0.00	100.00	8.00	2.68	1.50	1.50	800.00	79.07	150.00	150.00	46.96	I	
1860+0.00	100.00	8.00	3.12	1.50	1.50	800.00	153.79	150.00	150.00	49.55	I	
1861+0.00	100.00	8.00	2.91	1.50	1.50	800.00	156.56	150.00	150.00	52.39	I	
1862+0.00	100.00	8.00	0.00	1.50	1.50	800.00	65.88	150.00	150.00	48.69	I	
1863+0.00	100.00	8.00	3.12	1.50	1.50	800.00	250.08	150.00	150.00	53.64	I	
1864+0.00	100.00	8.00	0.00	1.50	1.50	800.00	72.03	150.00	150.00	51.22	I	
1865+0.00	100.00	8.00	0.00	1.50	1.50	800.00	0.00	150.00	150.00	47.48	I	
1866+0.00	100.00	8.00	0.00	1.50	1.50	800.00	0.00	150.00	150.00	42.65	I	
1867+0.00	100.00	8.00	3.07	1.50	1.50	800.00	90.43	150.00	150.00	47.55	I	
1868+0.00	100.00	8.00	0.00	1.50	1.50	800.00	69.66	150.00	150.00	0.00	V	
1869+0.00	100.00	8.00	0.00	1.50	1.50	800.00	0.00	150.00	150.00	0.00	V	
1870+0.00	100.00	8.00	0.00	1.50	1.50	800.00	0.00	150.00	150.00	0.00	V	
1871+0.00	100.00	8.00	0.00	1.50	1.50	800.00	0.00	150.00	150.00	0.00	V	
1872+0.00	100.00	8.00	0.00	1.50	1.50	800.00	0.00	150.00	150.00	0.00	V	
1873+0.00	100.00	8.00	0.00	1.50	1.50	800.00	0.00	150.00	150.00	0.00	V	
1874+0.00	100.00	8.00	0.00	1.50	1.50	800.00	0.00	150.00	150.00	0.00	V	
1875+0.00	100.00	8.00	0.00	1.50	1.50	800.00	0.00	150.00	150.00	0.00	V	
1876+0.00	100.00	8.00	0.00	1.50	1.50	800.00	157.07	150.00	150.00	0.00	V	
1877+0.00	100.00	8.00	0.00	1.50	1.50	800.00	0.00	150.00	150.00	0.00	V	
1877+30.00	30.00	8.00	0.00	1.50	1.50	240.00	0.00	45.00	45.00	10.75	I	
		8.00	2.99	1.50	1.50							
1878+5.0	75.00	8.00	3.27	1.50	1.50	600.00	239.96	112.50	112.50	39.88	I	
1879+5.0	100.00	8.00	3.51	1.50	1.50	800.00	335.77	150.00	150.00	55.76	I	
1880+5.0	100.00	8.27	2.13	1.50	1.23	800.00	355.41	150.00	150.00	58.93	I	
1881+5.0	100.00	8.70	9.67	1.50	0.80	814.61	315.93	150.00	135.39	57.45	I	
1882+5.0	100.00					880.62	907.61	150.00	85.23	355.22	III	

Length Distanta		Width, m Latimea, m				Area, m² Suprafete, m²				Volume of capping layer, m³ Volumul stratului drenant, m³	Type of pavement Tipul imbracamintei rutiere	Note Nota
PC+	Length, m Distanta, m	Carriageway Partea carosabila	Base Fundatia	Sholder consolidation		Carriageway Partea carosabila	Base Fundatia	Sholder consolidation				
				Left Stinga	Right Dreapta			Left Stinga	Right Dreapta			
		12.70	13.67	1.50	0.80							
1883+5.0	100.00					1211.91	1309.01	150.00	80.00	551.24	III	
		10.37	11.34	1.50	0.80							
1884+5.0	100.00					1160.65	1257.71	150.00	80.00	518.71	III	
		8.70	9.67	1.50	0.80							
1885+3.2	100.00					854.47	949.56	147.31	78.57	380.24	III	
		8.70	9.67	1.50	0.80							
1886+5.0	100.00					885.58	984.15	152.69	81.43	394.08	III	
		8.70	9.67	1.50	0.80							
1887+5.0	100.00					867.84	964.63	150.00	82.16	386.73	III	
		8.00	8.97	1.50	1.50							
1888+5.0	100.00					819.87	916.64	150.00	130.13	295.41	III	
		8.00	8.97	1.50	1.50							
1889+5.0	100.00					800.00	897.20	150.00	150.00	227.63	III	
		8.00	8.97	1.50	1.50							
1890+5.0	100.00					800.00	827.41	150.00	150.00	206.12	I	
		8.00	3.67	1.50	1.50							
1891+5.0	100.00					800.00	354.00	150.00	150.00	57.69	I	
		8.00	3.45	1.50	1.50							
1892+5.0	100.00					800.00	352.76	150.00	150.00	57.47	I	
		8.00	8.97	1.50	1.50							
1893+5.0	100.00					800.00	827.15	150.00	150.00	206.05	III	
		8.00	8.97	1.50	1.50							
1894+5.0	100.00					800.00	897.20	150.00	150.00	227.63	III	
		8.00	8.97	1.50	1.50							
1895+5.0	100.00					800.00	897.20	150.00	150.00	227.63	III	
		9.75	10.72	1.50	1.50							
1896+5.0	100.00					891.15	988.38	150.00	150.00	244.99	III	
		11.50	6.78	1.50	1.50							
1897+5.0	100.00					1146.35	742.27	150.00	150.00	137.84	II	
		11.50	6.68	1.50	1.50							
1898+5.0	100.00					1150.00	678.69	150.00	150.00	116.71	II	
		11.50	6.59	1.50	1.50							
1899+5.0	100.00					1150.00	730.27	150.00	150.00	135.62	II	
		11.50	12.47	1.50	1.50							
1900+5.0	100.00					1150.00	1247.31	150.00	150.00	295.39	III	
		11.50	12.47	1.50	1.50							
1901+5.0	100.00					1150.00	1247.31	150.00	150.00	295.39	III	
		11.50	12.47	1.50	1.50							
1902+5.0	100.00					1150.00	1247.31	150.00	150.00	295.39	III	
		11.96	12.92	1.04	1.50							
1903+5.0	100.00					1174.07	1270.92	125.93	150.00	373.80	III	
		12.20	7.54	0.80	1.50							
1904+5.0	100.00					1218.44	821.72	81.56	150.00	204.69	II	
		12.20	7.97	0.80	1.50							
1905+5.0	100.00					1218.75	781.85	81.25	150.00	179.67	II	
		9.82	5.21	1.43	1.50							
1906+5.0	100.00					1085.09	574.57	123.77	150.00	112.56	II	
		8.00	3.39	1.50	1.50							
1907+5.0	100.00					803.99	347.41	150.00	149.65	52.72	I	
		8.28	3.83	1.50	1.22							
1907+50	45					364.62	157.99	67.50	62.88	27.26	I	
		8.18	3.57	1.50	1.32							
Total Section 3	Type I											
	2750					22998	5857	4004	4240	1490		
	Type II											
	600					6969	4329	737	900	887		
Type III												
1600						15396	16809	2376	1968	5276		
Type V												
6004						48468	1036	9049	9082	11		

Length Distanta		Width, m Latimea, m				Area, m ² Suprafete, m ²				Volume of capping layer, m ³ Volumul stratului drenant, m3	Type of pavement Tipul imbracamintei rutiere	Note Nota
PC+	Length, m Distanta, m	Carriageway Partea carosabila	Base Fundatia	Sholder consolidation		Carriageway Partea carosabila	Base Fundatia	Sholder consolidation				
				Left Stinga	Right Dreapta			Left Stinga	Right Dreapta			
Total Lot I	Type I											
	8 138					66 606	21 717	12 000	12 211	4 718		
	Type II											
	3 438					37 702	18 185	5 078	5 241	3 710		
	Type III											
	9 321					88 647	95 970	13 721	13 354	31 626		
	Type IV											
	500					4 328	4 813	746	743	1 431		
	Type V											
	6 004					48 468	1 036	9 049	9 082	11		
	Type V											
	3 600					28 889	9 635	5 395	5 400	1 681		
Summ	31 001					274 639	151 355	45 990	46 031	43 178		

Earthworks
Lucrari de terasament

PC+	Length, m Distanța, m	Embankment , m3 Rambleu, m3	Cut, m3 Debleu, m ³	Side drain, m ³ Rigole m ³	Execution of guarding trench Executarea santului de garda, m3	Slope seeding Insămînțarea cu iarbă a taluzurilor, m ³	Arrangement of make- up shoulders Umplerea acostamente lor, m ³
1510+56.00							
	44.00	59.54	13.40	0.00		14.66	50.18
1511+0.00							
	100.00	836.40	7.39	0.00		95.06	111.72
1512+0.00							
	100.00	1949.80	1.49	0.00		122.33	63.24
1513+0.00							
	100.00	2950.51	2.72	0.00		193.28	108.70
1514+0.00							
	100.00	3779.13	2.21	0.00		144.02	80.55
1515+0.00							
	100.00	3554.01	2.24	0.00		152.06	74.72
1516+0.00							
	100.00	2481.51	223.49	0.00		151.84	83.42
1517+0.00							
	100.00	3417.66	98.47	0.00		149.71	107.87
1518+0.00							
	100.00	0.16	1552.29	5.12		82.91	123.39
1519+0.00							
	100.00	164.83	473.22	0.00		55.88	125.44
1520+0.00							
	100.00	226.82	395.48	0.00		73.25	121.03
1521+0.00							
	100.00	391.83	680.32	8.47		106.32	103.44
1522+0.00							
	100.00	117.19	2076.69	57.11		148.01	105.51
1523+0.00							
	100.00	9.02	3495.76	68.51		147.58	75.48
1524+0.00							
	100.00	161.44	6263.01	45.13		192.15	82.58
1525+0.00							
	100.00	7781.43	702.17	28.70	8483.60	304.04	82.58
1526+0.00							
	100.00	15032.50	171.92	76.01	15204.42	370.01	82.58
1527+0.00							
	100.00	14962.30	340.45	72.09	15302.74	416.92	83.16
1528+0.00							
	100.00	15015.39	478.47	106.62	15493.86	418.66	93.15
1529+0.00							
	100.00	14922.52	586.48	135.28	15508.99	372.64	96.09
1530+0.00							
	100.00	8840.09	612.25	152.17	9452.34	269.84	96.09
1531+0.00							
	100.00	6160.18	1033.80	120.35	7193.98	253.58	96.09
1532+0.00							
	100.00	8886.70	1737.14	103.92	10623.84	381.87	96.09
1533+0.00							
	100.00	6314.04	539.07	114.73	6853.11	206.38	96.09
1534+0.00							
	100.00	5977.15	229.60	103.71	6206.75	188.60	96.09
1535+0.00							
	100.00	9549.51	157.31	106.97		248.11	87.77
1536+0.00							
	100.00	2727.50	388.40	44.84		124.43	76.51

PC+	Length, m Distanța, m	Embankment , m3 Rambleu, m3	Cut, m3 Debleu, m ³	Side drain, m ³ Rigole m ³	Execution of guarding trench Executarea santului de garda, m3	Slope seeding Insămînțarea cu iarbă a taluzurilor, m ³	Arrangement of make- up shoulders Umplerea acostamente lor, m ³
1537+0.00	100.00	0.00	1084.36	44.02		82.84	83.08
1538+0.00	100.00	0.00	1326.00	64.95		86.40	78.27
1539+0.00	100.00	12.47	1242.98	103.98		77.03	89.97
1540+0.00	100.00	41.36	336.37	210.83		55.28	121.10
1541+0.00	100.00	42.63	222.56	210.68		56.88	122.68
1542+0.00	100.00	36.98	224.43	208.42		51.91	124.21
1543+0.00	100.00	26.04	245.34	231.97		58.96	124.78
1544+0.00	100.00	35.25	190.76	201.00		49.27	125.67
1545+0.00	100.00	84.76	168.51	108.67		36.62	117.94
1546+0.00	100.00	112.59	175.81	118.47		42.87	115.53
1547+0.00	100.00	47.84	335.17	114.13		28.24	123.09
1548+0.00	100.00	33.56	233.27	178.08		39.34	126.63
1549+0.00	100.00	97.93	175.22	142.04		51.83	118.36
1550+0.00	100.00	122.99	186.63	65.88		50.99	114.63
1551+0.00	100.00	112.74	154.25	57.84		42.43	116.35
1552+0.00	100.00	113.21	149.56	130.53		57.77	117.82
1553+0.00	100.00	101.91	156.12	159.04		59.96	120.02
1554+0.00	100.00	55.42	205.52	131.93		48.08	122.98
1555+0.00	100.00	71.95	165.15	174.21		55.89	120.74
1556+0.00	100.00	83.02	197.28	189.58		56.27	121.86
1557+0.00	100.00	57.82	395.38	174.34		57.35	110.52
1558+0.00	100.00	10.57	518.81	45.74		63.32	82.58
1559+0.00	100.00	107.22	96.78	37.77		61.91	82.58
1560+0.00	100.00	179.51	21.68	11.76		56.64	82.58
1561+0.00	100.00	210.53	90.39	14.97		57.06	82.58
1562+0.00	100.00	104.48	283.26	90.06		49.16	100.59
1563+0.00	100.00	145.37	131.94	0.00		36.40	112.90
1564+0.00	100.00	131.59	185.46	15.33		44.77	110.92
1565+0.00	100.00	119.02	321.28	56.96		69.75	110.43

PC+	Length, m Distanța, m	Embankment , m3 Rambleu, m3	Cut, m3 Debleu, m ³	Side drain, m ³ Rigole m ³	Execution of guarding trench Executarea santului de garda, m3	Slope seeding Insămînțarea cu iarbă a taluzurilor, m ³	Arrangemen t of make- up shoulders Umplerea acostamente lor, m ³
1566+0.00	100.00	122.67	341.38	78.00		74.68	110.87
1567+0.00	100.00	156.56	180.65	26.53		47.55	112.81
1568+0.00	100.00	190.70	137.25	0.00		41.57	99.89
1569+0.00	100.00	1831.00	50.57	0.00		108.33	82.62
1570+0.00	100.00	9651.45	2.29	0.00		280.64	95.45
1571+0.00	100.00	3357.65	1.92	0.00		165.75	96.09
1572+0.00	100.00	635.06	12.64	5.93		63.85	96.09
1573+0.00	100.00	184.59	171.85	24.72		65.38	96.09
1574+0.00	100.00	353.21	125.40	48.21		72.92	96.09
1575+0.00	100.00	211.39	60.05	0.00		57.01	96.09
1576+0.00	100.00	305.47	53.18	3.77		61.95	96.71
1577+0.00	100.00	461.42	28.50	4.79		68.61	89.70
1578+0.00	100.00	350.99	15.40	0.00		62.66	82.58
1579+0.00	100.00	59.71	182.31	0.00		55.03	82.58
1580+0.00	100.00	24.88	413.46	0.00		53.49	82.58
1581+0.00	100.00	157.48	110.36	0.00		34.72	101.64
1582+0.00	100.00	142.12	39.33	0.00		35.16	114.34
1583+0.00	100.00	171.90	39.59	0.00		38.04	111.50
1584+0.00	100.00	169.59	63.75	0.00		36.13	113.91
1585+0.00	100.00	104.22	178.68	0.00		38.25	106.86
1586+0.00	100.00	2.10	486.82	0.00		53.41	83.38
1587+0.00	100.00	19.52	286.01	0.00		53.54	79.28
1588+0.00	100.00	326.03	25.28	0.00		58.55	78.37
1589+0.00	100.00	771.43	2.38	0.00		74.73	82.58
1590+0.00	100.00	960.23	2.39	0.00		82.28	83.46
1591+0.00	100.00	938.83	2.36	0.00		79.53	94.39
1592+0.00	100.00	803.80	2.34	0.00		73.11	96.09
1593+0.00	100.00	710.27	2.35	0.00		69.61	96.09
1594+0.00	100.00	642.99	2.33	0.00		66.96	96.09

PC+	Length, m Distanța, m	Embankment , m3 Rambleu, m3	Cut, m3 Debleu, m ³	Side drain, m ³ Rigole m ³	Execution of guarding trench Executarea santului de garda, m3	Slope seeding Insămînțarea cu iarbă a taluzurilor, m ³	Arrangemen t of make- up shoulders Umplerea acostamente lor, m ³
1595+0.00	100.00	491.86	2.34	0.00		61.32	96.09
1596+0.00	100.00	289.27	3.21	0.00		53.17	96.09
1597+0.00	100.00	150.47	7.36	0.00		49.01	96.09
1598+0.00	100.00	282.12	3.17	0.00		54.28	96.90
1599+0.00	100.00	750.96	2.30	0.00		71.91	90.50
1600+0.00	100.00	733.94	2.32	0.00		72.04	82.58
1601+0.00	100.00	494.85	2.35	0.00		63.96	82.58
1602+0.00	100.00	729.44	2.31	0.00		71.30	83.39
1603+0.00	100.00	698.26	77.31	0.00		74.65	91.89
1604+0.00	100.00	0.00	1569.30	2.73		88.31	88.66
1605+0.00	100.00	0.00	2998.45	4.96		95.55	77.23
1606+0.00	100.00	110.10	1306.39	3.13		96.87	82.75
1607+0.00	100.00	248.24	248.41	0.00		63.17	102.46
1608+0.00	100.00	197.48	116.18	0.00		59.48	114.89
1609+0.00	100.00	84.27	120.36	0.00		42.72	114.27
1610+0.00	100.00	101.88	98.00	0.43		41.81	116.70
1611+0.00	100.00	142.09	87.29	0.55		55.44	110.87
1612+0.00	100.00	145.96	80.26	26.70		43.49	109.69
1613+0.00	100.00	162.88	83.41	33.90		62.42	109.65
1614+0.00	100.00	137.96	85.09	14.55		58.90	109.83
1615+0.00	100.00	136.44	71.93	8.48		41.70	109.77
1616+0.00	100.00	200.08	45.60	0.00		48.03	109.57
1617+0.00	100.00	238.45	44.16	0.73		51.01	110.70
1618+0.00	100.00	277.07	40.09	0.00		60.07	104.01
1619+0.00	100.00	188.23	38.63	0.00		46.93	110.13
1620+0.00	100.00	157.40	43.12	0.00		40.55	109.57
1621+0.00	100.00	168.17	51.04	0.00		45.42	109.57
1622+0.00	100.00	165.61	41.47	0.00		50.28	109.58
1623+0.00	100.00	124.59	47.13	0.00		45.25	110.48

PC+	Length, m Distanța, m	Embankment , m3 Rambleu, m3	Cut, m3 Debleu, m ³	Side drain, m ³ Rigole m ³	Execution of guarding trench Executarea santului de garda, m3	Slope seeding Insămînțarea cu iarbă a taluzurilor, m ³	Arrangemen t of make- up shoulders Umplerea acostamente lor, m ³
1624+0.00	100.00	158.80	53.73	0.00		53.65	112.20
1625+0.00	100.00	178.17	58.85	0.00		53.88	114.18
1626+0.00	100.00	160.38	75.80	0.00		54.24	114.28
1627+0.00	100.00	194.65	73.44	0.00		60.27	112.48
1628+0.00	100.00	208.64	89.17	0.00		42.54	119.07
1629+0.00	100.00	155.47	299.92	0.00		39.68	117.69
1630+0.00	100.00	250.44	376.94	0.00		43.42	118.99
1631+0.00	100.00	270.26	248.18	0.00		52.99	115.76
1632+0.00	100.00	123.08	92.24	0.00		39.31	115.09
1633+0.00	100.00	163.07	77.81	0.00		46.94	109.57
1634+0.00	100.00	175.32	87.62	0.00		57.00	109.57
1635+0.00	100.00	181.97	101.49	0.00		58.51	111.72
1636+0.00	100.00	205.98	81.43	0.00		59.83	110.06
1637+0.00	100.00	215.25	69.87	0.00		61.36	109.58
1638+0.00	100.00	256.22	47.36	0.00		64.29	109.57
1639+0.00	100.00	289.61	30.60	0.00		65.82	109.59
1640+0.00	100.00	267.14	46.04	0.00		63.52	109.85
1641+0.00	100.00	304.46	43.39	0.00		62.84	110.00
1642+0.00	100.00	373.17	94.17	0.00		59.17	113.98
1643+0.00	100.00	373.77	353.68	12.66		62.89	110.62
1644+0.00	100.00	80.99	576.99	6.90		68.20	85.14
1645+0.00	100.00	0.00	563.73	8.78		56.09	95.88
1646+0.00	100.00	0.00	576.10	0.00		47.74	94.46
1647+0.00	100.00	133.92	181.20	0.00		52.54	94.01
1648+0.00	100.00	109.74	157.32	0.00		49.47	96.09
1649+0.00	100.00	2.01	317.31	0.00		48.65	96.09
1650+0.00	100.00	1.47	259.61	0.00		49.25	96.09
1651+0.00	100.00	21.52	174.75	0.00		56.03	96.09
1652+0.00	100.00	0.18	274.23	0.00		48.52	96.09

PC+	Length, m Distanța, m	Embankment , m ³ Rambleu, m ³	Cut, m ³ Debleu, m ³	Side drain, m ³ Rigole m ³	Execution of guarding trench Executarea santului de garda, m ³	Slope seeding Insămînțarea cu iarbă a taluzurilor, m ³	Arrangemen t of make- up shoulders Umplerea acostamente lor, m ³
1653+0.00	100.00	0.14	354.97	0.00		48.43	96.09
1654+0.00	100.00	0.00	674.88	11.53		60.59	96.09
1655+0.00	100.00	0.00	713.52	18.19		62.56	96.09
1656+0.00	100.00	0.00	540.51	7.69		51.65	96.09
1657+0.00	100.00	5.84	265.01	16.72		64.66	96.09
1658+0.00	79.00	61.43	396.46	7.89		55.96	97.33
Total Section 1	14 823	174 916	50 254	5 021	110 324	12 674	15 053

Note: The length of chutes on the slope for guarding trench is 80 m
Lungimea cascilor pe taluz pentru șanțurile de garda este de 80 m

Earthworks
Lucrari de terasament

PC+	Length, m Distanța, m	Embankment, m ³ Rambleu, m ³	Cut, m ³ Debleu, m ³	Side drain, m ³ Side drain ³	Slope seeding Însămînțarea cu iarbă a taluzurilor, m ³	Arrangement of make-up shoulders Umplerea acostamentelor, m ³
1658+53.88						
	98.00	54.25	106.80	0.00	27.05	120.37
1659+51.88						
	97.29	89.20	112.51	0.00	37.37	117.47
1660+49.17						
	99.76	100.20	112.28	1.88	43.66	121.71
1661+48.93						
	100.99	90.86	112.97	1.90	42.14	120.13
1662+49.92						
	47.98	58.46	57.07	0.00	50.37	54.69
1662+97.90						
	51.81	64.93	60.78	0.00	54.46	59.47
1663+49.71						
	100.22	98.88	109.81	0.00	44.91	116.22
1664+49.93						
	99.70	93.86	108.50	1.21	46.18	115.86
1665+49.63						
	96.13	87.00	145.06	19.11	62.36	111.90
1666+45.76						
	102.50	101.01	171.78	27.45	73.86	118.73
1667+48.26						
	95.64	70.15	173.55	80.02	85.46	115.41
1668+43.90						
	93.96	77.65	190.85	88.52	103.46	112.56
1669+37.86						
	97.65	133.17	204.40	65.16	103.33	106.80
1670+35.51						
	98.37	102.75	220.01	68.48	89.11	109.82
1671+33.88						
	98.73	67.81	269.14	70.12	95.09	120.25
1672+32.61						
	98.86	37.06	427.37	163.42	116.52	127.81
1673+31.47						
	98.95	42.31	309.63	114.61	72.14	125.14
1674+30.42						
	98.51	125.98	77.87	0.00	37.61	114.79
1675+28.93						
	22.18	29.14	17.13	0.00	8.04	25.88
1675+51.11						
	75.42	81.49	72.96	0.00	25.70	88.04
1676+26.53						
	63.24	110.20	74.15	0.00	58.15	73.93
1676+89.77						
	24.57	48.82	25.75	0.00	24.06	28.71
1677+14.34						
	100.25	219.12	132.33	0.00	58.95	113.67
1678+14.59						
	96.85	248.81	207.13	0.00	62.89	111.83
1679+11.44						
	70.07	150.23	193.80	0.00	38.29	82.14
1679+81.51						
	118.57	143.48	372.67	15.40	54.92	142.62
1681+0.08						
	94.29	42.47	370.35	64.29	55.63	119.24

PC+	Length, m Distanța, m	Embankment, m ³ Rambleu, m ³	Cut, m ³ Debleu, m ³	Side drain, m ³ Side drain ³	Slope seeding Insămînțarea cu iarbă a taluzurilor, m ³	Arrangement of make-up shoulders Umplerea acostamentelor, m ³
1681+94.37	95.16	49.61	333.42	60.44	56.20	117.73
1682+89.53	98.52	65.51	268.75	34.42	51.05	119.89
1683+88.05	94.16	90.34	288.02	43.45	58.16	112.55
1684+82.21	94.31	90.50	323.77	77.06	68.57	111.87
1685+76.52	95.35	106.47	314.30	79.34	69.93	113.91
1686+71.87	96.45	80.45	353.31	41.15	74.21	104.03
1687+68.32	93.78	0.00	2138.25	25.56	122.04	93.95
1688+62.10	97.68	0.00	3357.46	17.37	158.17	97.85
1689+59.78	102.07	9.26	1508.26	42.10	114.95	112.97
1690+61.85	102.00	34.08	166.29	44.67	61.71	126.36
1691+63.85	100.65	56.84	127.78	14.81	35.00	125.99
1692+64.50	95.82	35.97	158.55	29.85	41.51	123.15
1693+60.32	44.29	109.07	78.40	13.80	41.95	54.62
1694+4.61	52.10	125.48	143.29	1.80	49.95	55.63
1694+56.71	96.09	0.00	2456.99	10.51	112.32	96.26
1695+52.80	96.81	0.00	3525.94	13.77	151.61	96.98
1696+49.61	101.05	9.19	1504.24	53.37	109.60	117.91
1697+50.66	100.77	108.71	342.03	84.30	83.40	126.38
1698+51.43	98.88	145.14	261.37	37.16	61.14	116.33
1699+50.31	98.51	56.51	310.04	47.08	44.78	123.23
1700+48.82	100.00	158.94	279.90	47.80	67.70	122.95
1701+48.82	70.59	210.96	143.98	0.00	50.94	81.21
1702+19.41	116.82	260.58	241.81	0.00	61.38	134.56
1703+36.23	115.89	96.43	184.73	0.00	29.84	143.09
1704+52.12	0.00	0.00	0.00	0.00	0.00	0.00
1704+57.80	0.00	0.00	0.00	0.00	0.00	0.00
1704+64.12	192.54	508.25	364.67	0.00	94.28	241.91
1706+56.66	90.56	462.62	190.24	0.00	67.65	107.13
1707+47.22	79.84	289.16	190.57	0.00	48.51	95.45

PC+	Length, m Distanța, m	Embankment, m ³ Rambleu, m ³	Cut, m ³ Debleu, m ³	Side drain, m ³ Side drain ³	Slope seeding Insămînțarea cu iarbă a taluzurilor, m ³	Arrangement of make-up shoulders Umplerea acostamentelor, m ³
1708+27.06						
	107.15	205.31	235.52	0.00	44.23	129.28
1709+34.21						
	86.52	102.08	131.84	60.32	46.63	130.53
1710+20.73						
	19.27	8.47	28.39	27.01	15.37	35.32
1710+40.00						
	7.88	2.02	10.50	11.21	6.14	14.66
1710+47.88						
	98.00	11.54	155.36	137.96	75.26	184.23
Total Section 2	5280	6059	24555	1838	3746	6343

Earthworks
Lucrari de terasament

PC+	Length, m Distanța, m	Embankment, m³ Rambleu, m³	Cut, m³ Debleu, m³	Side drain, m³ Side drain3	Slope seeding Insămînțarea cu iarbă a taluzurilor, m³	Arrangement of make-up shoulders Umplerea acostamentelor, m³
1796+45.55						
	54.45	25.78	19.71	0.00	11.91	63.83
1797+0.00						
	100.00	47.59	37.48	0.00	24.39	115.00
1798+0.00						
	100.00	50.09	30.96	0.00	23.79	115.28
1799+0.00						
	100.00	62.34	31.04	0.00	25.80	115.43
1800+0.00						
	100.00	73.81	30.10	0.00	35.90	110.09
1801+0.00						
	100.00	56.08	34.17	0.00	24.39	116.04
1802+0.00						
	100.00	78.16	25.61	0.00	26.26	112.85
1803+0.00						
	100.00	42.98	35.83	0.00	22.28	116.79
1804+0.00						
	100.00	62.95	41.93	0.00	25.32	113.75
1805+0.00						
	100.00	44.82	55.01	0.00	20.58	118.49
1806+0.00						
	100.00	100.93	48.26	0.00	54.67	107.66
1807+0.00						
	100.00	127.71	30.83	0.00	65.43	98.10
1808+0.00						
	100.00	93.81	27.86	0.00	40.20	109.05
1809+0.00						
	100.00	53.38	30.38	0.00	25.51	113.56
1810+0.00						
	100.00	67.12	28.23	0.00	27.99	111.09
1811+0.00						
	100.00	78.61	26.77	0.00	29.74	109.65
1812+0.00						
	100.00	42.55	32.48	0.00	24.90	114.17
1813+0.00						
	100.00	61.16	29.69	0.00	26.95	112.12
1814+0.00						
	100.00	46.85	30.15	0.00	23.39	115.68
1815+0.00						
	100.00	61.24	30.14	0.00	27.68	111.68
1816+0.00						
	100.00	88.59	26.40	0.00	32.09	109.09
1817+0.00						
	100.00	91.45	34.60	0.00	43.51	108.56
1818+0.00						
	100.00	102.80	49.92	0.00	54.14	107.59
1819+0.00						
	100.00	63.26	43.28	0.00	32.46	111.32
1820+0.00						
	100.00	81.73	40.91	0.00	35.90	108.99
1821+0.00						
	100.00	91.78	24.97	0.00	31.66	107.87
1822+0.00						
	100.00	98.43	26.13	0.00	31.47	108.12
1823+0.00						
	100.00	79.45	31.40	0.00	28.63	110.49
1824+0.00						
	100.00	81.44	26.66	0.00	28.75	110.33
1825+0.00						
	100.00	83.13	26.14	0.00	29.97	109.19

PC+	Length, m Distanța, m	Embankment, m³ Rambleu, m³	Cut, m³ Debleu, m³	Side drain, m³ Side drain3	Slope seeding Insămînțarea cu iarbă a taluzurilor, m³	Arrangement of make-up shoulders Umplerea acostamentelor, m³
1826+0.00						
	100.00	89.93	28.93	0.00	36.73	106.26
1827+0.00						
	100.00	96.30	30.55	0.00	38.88	106.53
1828+0.00						
	100.00	62.93	37.21	0.00	26.99	112.30
1829+0.00						
	100.00	87.96	28.46	0.00	30.14	109.09
1830+0.00						
	100.00	78.94	28.78	0.00	30.87	110.20
1831+0.00						
	100.00	196.58	28.94	0.00	76.91	106.03
1832+0.00						
	100.00	89.96	36.64	0.00	34.90	110.80
1833+0.00						
	100.00	87.46	39.57	0.00	29.95	109.27
1834+0.00						
	100.00	88.76	26.88	0.00	30.92	108.68
1835+0.00						
	100.00	91.12	31.86	0.00	37.91	108.16
1836+0.00						
	100.00	157.83	55.86	0.00	70.59	106.11
1837+0.00						
	100.00	184.90	74.71	0.00	78.28	94.33
1838+0.00						
	100.00	114.10	141.55	0.00	54.23	100.42
1839+0.00						
	100.00	91.85	126.97	0.00	36.52	107.24
1840+0.00						
	100.00	108.22	125.35	0.00	42.90	106.02
1841+0.00						
	100.00	135.44	114.03	0.00	49.63	108.54
1842+0.00						
	100.00	59.70	154.39	0.00	23.99	115.28
1843+0.00						
	100.00	143.37	121.14	0.00	57.94	106.94
1844+0.00						
	100.00	110.86	136.22	0.00	43.76	108.91
1845+0.00						
	100.00	90.80	129.87	0.00	30.34	109.01
1846+0.00						
	100.00	121.55	114.43	0.00	34.72	106.51
1847+0.00						
	100.00	67.71	147.31	0.00	25.63	114.01
1848+0.00						
	100.00	118.88	132.24	0.00	37.34	102.17
1849+0.00						

PC+	Length, m Distanța, m	Embankment, m³ Rambleu, m³	Cut, m³ Debleu, m³	Side drain, m³ Side drain3	Slope seeding Insămînțarea cu iarbă a taluzurilor, m³	Arrangement of make-up shoulders Umplerea acostamentelor, m³
	100.00	114.53	158.30	0.00	36.65	92.77
1850+0.00	100.00	112.12	148.86	5.58	43.84	95.43
1851+0.00	100.00	201.23	74.83	4.21	56.81	107.03
1852+0.00	100.00	98.71	125.28	0.00	31.53	109.18
1853+0.00	100.00	182.93	75.89	0.00	46.13	107.20
1854+0.00	100.00	163.65	99.65	0.00	50.05	105.86
1855+0.00	100.00	152.71	99.23	0.00	41.09	105.58
1856+0.00	100.00	180.49	71.22	0.00	40.68	108.85
1857+0.00	100.00	123.19	110.64	0.00	35.33	108.08
1858+0.00	100.00	131.18	108.29	0.00	38.43	105.50
1859+0.00	100.00	156.74	109.10	0.00	48.76	105.41
1860+0.00	100.00	186.69	96.77	0.00	57.19	105.29
1861+0.00	100.00	130.72	116.98	0.00	45.31	106.57
1862+0.00	100.00	284.45	62.56	0.00	69.46	106.13
1863+0.00	100.00	92.20	132.19	0.00	32.32	111.01
1864+0.00	100.00	73.58	128.70	0.56	27.14	112.89
1865+0.00	100.00	111.07	109.65	12.30	50.48	106.67
1866+0.00	100.00	141.87	112.46	24.26	57.67	109.83
1867+0.00	100.00	139.86	117.24	5.07	39.82	110.84
1868+0.00	100.00	106.26	143.96	8.19	42.76	110.20
1869+0.00	100.00	128.03	153.91	34.55	69.85	108.47
1870+0.00	100.00	129.64	147.33	24.99	66.63	108.16
1871+0.00	100.00	135.87	139.02	16.21	59.59	107.49
1872+0.00	100.00	128.54	133.64	16.48	56.78	107.27
1873+0.00	100.00	107.27	141.80	4.30	31.67	113.05
1874+0.00	100.00	126.50	118.10	0.00	38.55	106.88
1875+0.00	100.00	139.41	97.80	0.00	41.31	106.72
1876+0.00	100.00	104.87	123.99	0.00	34.68	109.79
1877+0.00	30.00	32.99	39.58	0.00	10.64	32.79
1877+30.0	75.00	75.27	102.00	0.00	24.10	87.07
1878+5.0	100.00	104.51	141.87	0.00	38.26	114.38
1879+5.0	100.00	114.91	157.84	23.80	53.87	112.46

PC+	Length, m Distanța, m	Embankment, m³ Rambleu, m³	Cut, m³ Debleu, m³	Side drain, m³ Side drain3	Slope seeding Insămînțarea cu iarbă a taluzurilor, m³	Arrangement of make-up shoulders Umplerea acostamentelor, m³
1880+5.0						
	100.00	173.89	119.14	0.00	53.66	108.63
1881+5.0						
	100.00	737.22	75.15	0.00	78.39	85.40
1882+5.0						
	100.00	1994.27	2.29	0.00	113.79	82.58
1883+5.0						
	100.00	2337.31	2.33	0.00	121.26	82.58
1884+5.0						
	98.21	956.56	18.12	40.39	107.35	81.10
1885+3.2						
	101.79	29.84	1097.06	21.81	114.55	84.06
1886+5.0						
	100.00	0.00	5151.24	13.28	212.09	83.07
1887+5.0						
	100.00	0.00	5126.93	30.73	176.37	94.30
1888+5.0						
	100.00	74.13	1350.54	32.78	116.33	96.09
1889+5.0						
	100.00	392.94	104.51	0.00	126.27	97.80
1890+5.0						
	100.00	436.40	110.64	0.00	116.16	112.11
1891+5.0						
	100.00	650.96	30.11	0.00	123.78	109.74
1892+5.0						
	100.00	125.82	894.70	3.52	81.68	97.77
1893+5.0						
	100.00	0.00	3287.04	14.09	124.99	96.09
1894+5.0						
	100.00	0.00	3473.68	14.07	131.66	96.09
1895+5.0						
	100.00	84.40	1449.47	9.24	101.89	96.09
1896+5.0						
	100.00	658.98	165.53	0.00	105.54	107.89
1897+5.0						
	100.00	791.36	140.65	0.00	110.91	109.57
1898+5.0						
	100.00	725.53	88.33	0.00	115.52	107.89
1899+5.0						
	100.00	215.98	2207.43	10.07	137.84	96.09
1900+5.0						
	100.00	0.00	9834.02	26.85	254.79	96.09
1901+5.0						
	100.00	0.00	8327.58	26.85	231.71	96.09
1902+5.0						
	100.00	11.68	2540.43	14.86	119.06	93.05
1903+5.0						
	100.00	320.88	446.08	119.26	114.43	104.56
1904+5.0						
	100.00	468.36	425.59	123.43	122.56	106.51
1905+5.0						
	100.00	196.88	771.05	179.49	140.03	115.89
1906+5.0						
	100.00	97.90	402.72	160.03	152.62	116.15
1907+5.0						
	45	62.03	81.84	63.42	50.35	52.22
1907+50						
Total Section 3	11104	20370	54302	1085	6869	11815
Total Lot I	31207	201346	129110	7944	23289	33211

Plan and consolidation works
Plan si lucrari de consolidare

PC+	Length, m Distanța, m	Area of levelling, m ² Suprafata de nivelare, m ²						Seeding of slopes and sholders Insemintarea taluzurilor si acostamentelor cu iarba m ²
		Earthworks levelling Nivelarea platformei	Embankment slope Taluzurile rambleului	Cut slope Taluzurile debleului	Side drain slope Taluzurile rigolelor	Bottom of side drains Fundul rigolelor	Sholder Acostamentul	
1510+56.00								
	44.00	193.31	57.41	0.00	0.00	0.00	176.00	101.45
1511+0.00								
	100.00	450.27	542.16	0.00	0.00	0.00	400.00	642.23
1512+0.00								
	100.00	284.00	764.27	0.00	0.00	0.00	224.00	820.30
1513+0.00								
	100.00	612.00	1221.25	0.00	0.00	0.00	370.40	1296.44
1514+0.00								
	100.00	1596.32	919.17	0.00	0.00	0.00	310.92	964.99
1515+0.00								
	100.00	1707.51	973.95	0.00	0.00	0.00	304.64	1018.63
1516+0.00								
	100.00	1456.69	965.47	0.00	0.00	0.00	326.58	1018.49
1517+0.00								
	100.00	1414.85	917.25	0.00	0.00	0.00	391.26	1008.54
1518+0.00								
	100.00	1391.06	296.30	253.43	135.38	14.70	370.63	563.73
1519+0.00								
	100.00	1378.88	337.08	0.00	0.00	0.00	350.00	387.12
1520+0.00								
	100.00	1389.95	451.64	0.00	0.00	0.00	349.86	501.54
1521+0.00								
	100.00	1700.20	619.72	75.67	42.95	17.60	312.32	712.12
1522+0.00								
	100.00	2073.18	430.27	402.77	189.03	43.00	397.13	991.23
1523+0.00								
	100.00	2177.42	396.99	519.18	238.55	40.00	307.07	987.50
1524+0.00								
	100.00	2126.47	400.07	817.87	255.77	40.00	330.00	1287.40
1525+0.00								
	100.00	1848.90	1526.00	432.04	138.59	22.20	330.00	2031.80
1526+0.00								
	100.00	1847.60	2175.63	202.62	272.66	60.00	330.00	2471.46
1527+0.00								
	100.00	1846.35	2343.32	340.10	179.54	40.00	332.70	2783.94
1528+0.00								
	100.00	1787.31	2154.69	516.21	296.61	68.80	376.75	2798.62
1529+0.00								
	100.00	1744.37	1787.71	522.27	369.33	80.00	400.00	2492.71
1530+0.00								
	100.00	1744.37	1067.33	539.97	370.95	80.00	400.00	1807.35
1531+0.00								
	100.00	1744.37	508.46	1029.70	332.93	80.00	400.00	1698.99
1532+0.00								
	100.00	1744.37	674.42	1743.13	310.58	80.00	400.00	2554.23
1533+0.00								
	100.00	1744.37	675.53	559.16	334.88	80.00	400.00	1384.28
1534+0.00								
	100.00	1744.37	841.84	278.85	318.86	80.00	400.00	1265.74
1535+0.00								
	100.00	1781.44	1375.04	158.67	300.66	71.20	358.55	1661.87

PC+	Length, m Distanța, m	Area of levelling, m ² Suprafața de nivelare, m ²						Seeding of slopes and sholders Insemintarea taluzurilor și acostamentelor cu iarba m ²
		Earthworks levelling Nivelarea platformei	Embankme nt slope Taluzurile rambleului	Cut slope Taluzurile debleului	Side drain slope Taluzurile rigolelor	Bottom of side drains Fundul rigolelor	Sholder Acostamentul	
1536+0.00								
	100.00	1809.27	741.81	38.66	143.45	40.00	310.53	834.51
1537+0.00								
	100.00	1786.80	301.91	190.68	168.44	48.80	331.60	556.80
1538+0.00								
	100.00	1754.21	298.21	206.35	207.16	51.20	316.09	578.12
1539+0.00								
	100.00	1584.07	244.79	147.63	232.05	40.00	337.57	517.84
1540+0.00								
	100.00	866.92	44.14	17.89	369.48	40.00	386.48	373.82
1541+0.00								
	100.00	673.51	49.93	15.60	470.09	68.80	400.00	387.64
1542+0.00								
	100.00	678.20	39.72	0.00	503.13	80.00	400.00	354.48
1543+0.00								
	100.00	667.62	34.04	6.32	546.49	71.20	400.00	398.48
1544+0.00								
	100.00	616.90	28.84	5.01	489.26	68.80	400.00	335.73
1545+0.00								
	100.00	554.35	82.05	34.49	308.91	80.00	400.00	252.57
1546+0.00								
	100.00	561.91	101.42	42.05	327.73	80.00	400.00	294.25
1547+0.00								
	100.00	688.40	45.66	0.00	324.95	80.00	400.00	193.66
1548+0.00								
	100.00	669.43	19.28	1.54	428.29	80.00	400.00	265.33
1549+0.00								
	100.00	555.23	79.34	85.03	371.75	80.00	400.00	353.97
1550+0.00								
	100.00	523.56	105.75	133.40	244.31	80.00	400.00	348.36
1551+0.00								
	100.00	554.33	94.21	86.76	242.93	80.00	400.00	291.30
1552+0.00								
	100.00	596.07	83.14	81.77	403.14	80.00	400.00	393.57
1553+0.00								
	100.00	589.14	67.66	85.78	443.06	80.00	400.00	408.14
1554+0.00								
	100.00	563.14	46.22	76.59	391.49	80.00	400.00	325.95
1555+0.00								
	100.00	531.77	102.16	18.46	397.48	80.00	400.00	379.87
1556+0.00								
	100.00	524.19	70.36	29.45	461.71	80.00	400.00	382.66
1557+0.00								
	100.00	723.92	113.22	30.71	358.21	51.20	364.96	386.94
1558+0.00								
	100.00	1437.73	318.11	36.02	128.76	28.80	330.00	429.09
1559+0.00								
	100.00	1459.12	323.57	18.86	105.92	22.40	330.00	417.62
1560+0.00								
	100.00	1459.12	330.02	0.00	34.13	8.80	330.00	382.46
1561+0.00								
	100.00	1459.12	332.20	0.00	43.44	11.20	330.00	385.30
1562+0.00								
	100.00	999.09	186.21	4.47	167.88	20.00	337.04	333.50
1563+0.00								
	100.00	889.83	161.86	0.00	0.00	0.00	389.36	251.27
1564+0.00								

PC+	Length, m Distanța, m	Area of levelling, m ² Suprafața de nivelare, m ²						Seeding of slopes and sholders Insemintarea taluzurilor și acostamentelor cu iarba m ²
		Earthworks levelling Nivelarea platformei	Embankment slope Taluzurile rambleului	Cut slope Taluzurile debleului	Side drain slope Taluzurile rigolelor	Bottom of side drains Fundul rigolelor	Sholder Acostamentul	
	100.00	890.12	159.25	47.16	60.05	17.60	400.00	306.90
1565+0.00								
	100.00	893.57	166.20	206.64	240.89	80.00	400.00	473.44
1566+0.00								
	100.00	882.22	170.08	215.20	281.95	80.00	400.00	506.32
1567+0.00								
	100.00	882.50	161.77	55.76	88.48	22.40	396.95	325.50
1568+0.00								
	100.00	1013.93	222.97	0.00	0.74	0.00	354.17	283.11
1569+0.00								
	100.00	1436.40	685.78	0.00	0.94	0.00	334.65	727.98
1570+0.00								
	100.00	1401.95	1785.59	0.00	0.00	0.00	393.55	1879.20
1571+0.00								
	100.00	1391.62	1013.33	0.00	0.00	0.00	400.00	1113.41
1572+0.00								
	100.00	1391.62	327.97	6.05	27.79	8.80	400.00	434.10
1573+0.00								
	100.00	1391.62	272.26	71.96	103.04	40.00	400.00	444.30
1574+0.00								
	100.00	1391.62	304.99	54.71	154.01	38.70	400.00	494.59
1575+0.00								
	100.00	1391.62	288.39	0.00	9.21	0.00	400.00	388.47
1576+0.00								
	100.00	1394.05	312.45	9.98	21.52	8.80	398.96	421.46
1577+0.00								
	100.00	1441.12	385.87	12.70	27.39	11.20	360.27	463.28
1578+0.00								
	100.00	1459.12	372.54	0.00	0.00	0.00	330.00	422.58
1579+0.00								
	100.00	1459.12	321.73	0.00	0.00	0.00	330.00	371.77
1580+0.00								
	100.00	1459.12	311.42	0.00	0.00	0.00	330.00	361.46
1581+0.00								
	100.00	806.42	180.23	0.00	0.00	0.00	350.67	237.13
1582+0.00								
	100.00	535.46	148.12	0.00	0.00	0.00	394.74	242.93
1583+0.00								
	100.00	535.40	161.94	0.00	0.00	0.00	400.00	262.02
1584+0.00								
	100.00	529.73	149.19	0.00	0.00	0.00	400.00	249.27
1585+0.00								
	100.00	758.27	186.14	0.00	0.00	0.00	375.05	262.81
1586+0.00								
	100.00	1458.70	310.91	0.00	0.00	0.00	333.59	360.95
1587+0.00								
	100.00	1628.81	321.38	0.00	0.00	0.00	319.33	360.75
1588+0.00								
	100.00	1854.72	357.41	0.00	0.00	0.00	316.42	393.86
1589+0.00								
	100.00	1553.67	453.06	0.00	0.00	0.00	330.00	503.10
1590+0.00								
	100.00	1458.59	503.32	0.00	0.00	0.00	334.07	553.36
1591+0.00								
	100.00	1417.08	455.37	0.00	0.00	0.00	381.86	537.69
1592+0.00								
	100.00	1391.62	395.76	0.00	0.00	0.00	400.00	495.84

PC+	Length, m Distanța, m	Area of levelling, m ² Suprafața de nivelare, m ²						Seeding of slopes and sholders Insemintarea taluzurilor si acostamentelor cu iarba m ²
		Earthworks levelling Nivelarea platformei	Embankme nt slope Taluzurile rambleului	Cut slope Taluzurile debleului	Side drain slope Taluzurile rigolelor	Bottom of side drains Fundul rigolelor	Sholder Acostamentul	
1593+0.00								
	100.00	1391.62	372.45	0.00	0.00	0.00	400.00	472.53
1594+0.00								
	100.00	1391.62	354.77	0.00	0.00	0.00	400.00	454.85
1595+0.00								
	100.00	1391.62	317.13	0.00	0.00	0.00	400.00	417.21
1596+0.00								
	100.00	1391.62	262.84	0.00	0.00	0.00	400.00	362.92
1597+0.00								
	100.00	1391.62	235.08	0.00	0.00	0.00	400.00	335.16
1598+0.00								
	100.00	1393.18	270.61	0.00	0.00	0.00	399.63	370.31
1599+0.00								
	100.00	1436.93	419.23	0.00	0.00	0.00	363.67	487.33
1600+0.00								
	100.00	1448.17	435.12	0.00	0.00	0.00	330.00	485.16
1601+0.00								
	100.00	1448.17	381.20	0.00	0.00	0.00	330.00	431.24
1602+0.00								
	100.00	1447.97	430.13	0.00	0.00	0.00	333.08	480.17
1603+0.00								
	100.00	1443.49	431.35	0.00	0.00	0.00	372.38	505.44
1604+0.00								
	100.00	1443.01	292.06	222.41	179.58	0.00	362.76	596.73
1605+0.00								
	100.00	1701.42	309.24	214.74	425.65	0.00	312.86	641.88
1606+0.00								
	100.00	1730.20	353.61	247.04	93.21	0.00	330.71	650.69
1607+0.00								
	100.00	857.13	356.52	0.00	12.31	0.00	367.55	428.79
1608+0.00								
	100.00	606.75	304.88	0.00	41.84	0.00	400.00	404.95
1609+0.00								
	100.00	575.55	192.20	0.00	35.79	0.00	400.00	292.28
1610+0.00								
	100.00	552.78	185.90	0.00	0.86	8.80	400.00	285.98
1611+0.00								
	100.00	540.04	277.94	0.00	26.88	11.20	400.00	378.02
1612+0.00								
	100.00	529.27	198.32	0.00	96.24	28.80	400.00	298.40
1613+0.00								
	100.00	528.11	324.47	0.00	115.47	40.00	400.00	424.55
1614+0.00								
	100.00	528.03	301.05	0.00	56.62	20.00	400.00	401.13
1615+0.00								
	100.00	523.36	186.35	0.00	52.69	11.20	400.00	286.43
1616+0.00								
	100.00	525.22	228.57	0.00	18.40	0.00	400.00	328.65
1617+0.00								
	100.00	567.63	254.98	0.13	10.14	20.00	393.49	348.65
1618+0.00								
	100.00	536.31	345.73	0.00	8.44	0.00	361.58	407.35
1619+0.00								
	100.00	474.74	230.93	0.00	0.00	0.00	390.57	321.55
1620+0.00								
	100.00	490.16	178.71	0.00	0.00	0.00	400.00	278.79
1621+0.00								

PC+	Length, m Distanța, m	Area of levelling, m ² Suprafața de nivelare, m ²						Seeding of slopes and sholders Insemintarea taluzurilor și acostamentelor cu iarba m ²
		Earthworks levelling Nivelarea platformei	Embankme nt slope Taluzurile rambleului	Cut slope Taluzurile debleului	Side drain slope Taluzurile rigolelor	Bottom of side drains Fundul rigolelor	Sholder Acostamentul	
	100.00	518.71	211.14	0.00	0.00	0.00	400.00	311.22
1622+0.00								
	100.00	484.55	243.58	0.00	0.00	0.00	400.00	343.66
1623+0.00								
	100.00	465.98	210.05	0.00	0.00	0.00	400.00	310.13
1624+0.00								
	100.00	508.33	266.02	0.00	0.00	0.00	400.00	366.10
1625+0.00								
	100.00	559.36	267.54	0.00	0.00	0.00	400.00	367.62
1626+0.00								
	100.00	550.45	269.94	0.00	0.00	0.00	400.00	370.02
1627+0.00								
	100.00	554.41	310.14	0.00	0.00	0.00	400.00	410.22
1628+0.00								
	100.00	610.11	189.56	0.00	0.00	0.00	400.00	289.64
1629+0.00								
	100.00	681.17	172.92	0.00	0.00	0.00	400.00	273.00
1630+0.00								
	100.00	717.72	220.72	0.00	0.58	0.00	400.00	295.78
1631+0.00								
	100.00	694.07	261.62	0.00	0.00	0.00	400.00	361.70
1632+0.00								
	100.00	584.60	170.41	0.00	0.00	0.00	400.00	270.49
1633+0.00								
	100.00	555.62	221.26	0.00	0.00	0.00	400.00	321.34
1634+0.00								
	100.00	569.31	288.36	0.00	0.00	0.00	400.00	388.44
1635+0.00								
	100.00	611.97	298.42	0.00	0.00	0.00	400.00	398.50
1636+0.00								
	100.00	620.25	307.21	0.00	0.00	0.00	400.00	407.29
1637+0.00								
	100.00	621.56	317.43	0.00	0.00	0.00	400.00	417.51
1638+0.00								
	100.00	622.25	336.98	0.00	0.00	0.00	400.00	437.06
1639+0.00								
	100.00	603.39	347.15	0.00	0.00	0.00	400.00	447.23
1640+0.00								
	100.00	630.65	331.79	0.00	0.00	0.00	400.00	431.87
1641+0.00								
	100.00	664.33	327.27	0.00	0.00	0.00	400.00	427.35
1642+0.00								
	100.00	753.30	302.84	0.00	0.00	0.00	400.00	402.92
1643+0.00								
	100.00	926.12	333.86	0.00	86.17	0.00	377.39	426.04
1644+0.00								
	100.00	1457.32	360.72	31.03	41.54	8.80	341.20	461.77
1645+0.00								
	100.00	1412.52	255.42	39.50	29.96	11.20	387.64	382.60
1646+0.00								
	100.00	1385.81	230.41	0.00	0.00	0.00	394.10	324.59
1647+0.00								
	100.00	1384.23	266.11	0.00	0.00	0.00	392.49	358.68
1648+0.00								
	100.00	1391.62	238.18	0.00	0.00	0.00	400.00	338.26
1649+0.00								
	100.00	1391.62	232.71	0.00	0.00	0.00	400.00	332.79

PC+	Length, m Distanța, m	Area of levelling, m ² Suprafața de nivelare, m ²						Seeding of slopes and sholders Insemintarea taluzurilor si acostamentelor cu iarba m ²
		Earthworks levelling Nivelarea platformei	Embankment slope Taluzurile rambleului	Cut slope Taluzurile debleului	Side drain slope Taluzurile rigolelor	Bottom of side drains Fundul rigolelor	Sholder Acostamentul	
1650+0.00								
	100.00	1391.62	236.70	0.00	0.00	0.00	400.00	336.78
1651+0.00								
	100.00	1391.62	281.92	0.00	0.00	0.00	400.00	382.00
1652+0.00								
	100.00	1391.62	231.81	0.00	0.00	0.00	400.00	331.89
1653+0.00								
	100.00	1391.62	230.30	0.00	0.00	0.00	400.00	330.38
1654+0.00								
	100.00	1391.62	230.30	80.77	55.29	28.80	400.00	411.16
1655+0.00								
	100.00	1391.62	230.30	95.14	66.88	31.20	400.00	425.52
1656+0.00								
	100.00	1391.62	240.86	11.81	25.46	8.80	400.00	352.75
1657+0.00								
	100.00	1391.62	296.54	42.89	61.65	40.00	400.00	439.51
1658+0.00								
	79.00	1099.38	243.74	54.24	27.06	20.40	316.00	342.51
Total Section 1	14823	163856	58198	11505	14986	3105	55964	85547

Plan and consolidation works

Plan si lucrari de consolidare

PC+	Length, m Distanța, m	Area of levelling, m ² Suprafata de nivelare, m ²						Seeding of slopes and sholders Insemintarea taluzurilor si acostamentelor cu iarba, m ²
		Earthworks levelling Nivelarea platformei	Embankme nt slope Taluzurile rambleului	Cut slope Taluzurile debleului	Side drain slope Taluzurile rigolelor	Bottom of side drains Fundul rigolelor	Sholder Acostamentul	
1658+53.88								
	98.00	562.91	88.44	0.00	0.00	0.00	392.00	186.52
1659+51.88								
	97.29	590.70	159.95	0.00	0.00	0.00	389.16	257.32
1660+49.17								
	99.76	599.91	176.70	0.00	15.84	0.00	399.04	292.39
1661+48.93								
	100.99	592.56	165.17	0.00	16.04	0.00	403.96	282.28
1662+49.92								
	47.98	282.46	291.80	0.00	0.00	0.00	191.92	339.81
1662+97.90								
	51.81	306.30	315.55	0.00	0.00	0.00	207.24	367.40
1663+49.71								
	100.22	579.07	207.54	0.00	0.00	0.00	400.88	307.84
1664+49.93								
	99.70	563.40	197.11	0.00	14.38	0.00	398.80	311.27
1665+49.63								
	96.13	560.68	141.38	51.07	83.19	38.45	384.52	410.29
1666+45.76								
	102.50	615.15	136.65	54.45	127.27	61.50	410.00	482.45
1667+48.26								
	95.64	571.07	94.33	73.90	248.65	47.82	382.56	560.43
1668+43.90								
	93.96	567.00	138.27	119.36	263.13	65.77	375.84	680.57
1669+37.86								
	97.65	576.28	206.81	109.58	228.85	58.59	359.00	677.13
1670+35.51								
	98.37	599.22	145.60	102.37	244.82	19.67	361.65	586.29
1671+33.88								
	98.73	623.78	81.97	181.06	263.51	0.00	394.92	625.35
1672+32.61								
	98.86	605.12	28.46	165.37	427.73	39.54	395.44	760.04
1673+31.47								
	98.95	589.64	62.53	25.22	249.74	39.58	395.80	476.10
1674+30.42								
	98.51	565.15	160.44	0.00	0.00	0.00	394.04	259.03
1675+28.93								
	22.18	124.24	33.24	0.00	0.00	0.00	88.72	55.44
1675+51.11								
	75.42	429.25	102.21	0.00	0.00	0.00	301.68	177.69
1676+26.53								
	63.24	380.36	329.70	0.00	0.00	0.00	252.96	392.99
1676+89.77								
	24.57	148.33	137.88	0.00	0.00	0.00	98.28	162.47
1677+14.34								
	100.25	742.62	301.16	0.00	0.00	0.00	401.00	401.49
1678+14.59								
	96.85	868.71	330.75	0.00	0.00	0.00	387.40	427.66
1679+11.44								
	70.07	642.19	191.38	0.00	0.00	0.00	280.28	261.49
1679+81.51								
	118.57	1119.06	169.81	0.00	58.88	23.71	474.28	371.06

PC+	Length, m Distanța, m	Area of levelling, m ² Suprafata de nivelare, m ²						Seeding of slopes and sholders Insemintarea taluzurilor si acostamentelor cu iarba, m ²
		Earthworks levelling Nivelarea platformei	Embankment slope Taluzurile rambleului	Cut slope Taluzurile debleului	Side drain slope Taluzurile rigolelor	Bottom of side drains Fundul rigolelor	Sholder Acostamentul	
1681+0.08								
	94.29	893.11	48.82	21.57	165.81	37.72	377.16	368.28
1681+94.37								
	95.16	890.75	66.70	21.77	159.80	28.55	380.64	372.06
1682+89.53								
	98.52	921.85	82.39	7.03	129.92	19.70	394.08	337.65
1683+88.05								
	94.16	881.38	111.72	6.72	144.20	28.25	376.64	385.12
1684+82.21								
	94.31	897.55	121.37	14.12	186.93	37.72	377.24	454.53
1685+76.52								
	95.35	893.14	123.84	14.28	191.89	38.14	381.40	463.58
1686+71.87								
	96.45	887.53	201.41	1.68	169.91	19.29	385.80	488.82
1687+68.32								
	93.78	1094.44	220.37	338.63	149.90	0.00	375.12	802.75
1688+62.10								
	97.68	1362.41	228.65	586.18	102.14	29.30	390.72	1044.03
1689+59.78								
	102.07	1019.00	171.62	245.74	165.43	71.45	408.28	756.39
1690+61.85								
	102.00	612.92	79.21	0.00	163.60	61.20	408.00	406.09
1691+63.85								
	100.65	588.05	62.87	0.00	53.51	20.13	402.60	237.24
1692+64.50								
	95.82	563.13	34.97	41.44	103.65	0.00	383.28	275.96
1693+60.32								
	44.29	268.77	167.91	19.16	47.91	0.00	177.16	279.30
1694+4.61								
	52.10	361.33	258.19	6.64	7.62	10.42	208.40	335.01
1694+56.71								
	96.09	1044.94	224.93	334.91	48.96	38.44	384.36	743.40
1695+52.80								
	96.81	1350.27	226.61	569.30	87.81	19.36	387.24	999.97
1696+49.61								
	101.05	1173.07	119.87	266.50	230.00	0.00	404.20	717.50
1697+50.66								
	100.77	930.46	79.17	24.92	298.50	40.31	403.08	543.74
1698+51.43								
	98.88	912.37	133.75	13.11	121.59	39.55	395.52	406.96
1699+50.31								
	98.51	923.97	62.04	13.37	106.55	19.70	394.04	300.26
1700+48.82								
	100.00	938.00	211.30	13.58	108.17	20.00	400.00	453.13
1701+48.82								
	70.59	645.69	274.90	0.00	0.00	0.00	282.36	345.54
1702+19.41								
	116.82	1084.97	302.14	0.00	0.00	0.00	467.28	419.06
1703+36.23								
	115.89	871.09	87.86	0.00	0.00	0.00	463.56	203.84
1704+52.12								
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1704+57.80								
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1704+64.12								
	192.54	1438.95	443.95	0.00	0.00	0.00	770.16	636.64

PC+	Length, m Distanța, m	Area of levelling, m ² Suprafata de nivelare, m ²						Seeding of slopes and sholders Insemintarea taluzurilor si acostamentelor cu iarba, m ²
		Earthworks levelling Nivelarea platformei	Embankment slope Taluzurile rambleului	Cut slope Taluzurile debleului	Side drain slope Taluzurile rigolelor	Bottom of side drains Fundul rigolelor	Sholder Acostamentul	
1706+56.66								
	90.56	853.30	368.00	0.00	0.00	0.00	362.24	458.63
1707+47.22								
	79.84	740.60	250.25	0.00	0.00	0.00	319.36	330.15
1708+27.06								
	107.15	888.86	196.67	0.00	0.00	0.00	428.60	303.91
1709+34.21								
	86.52	548.36	67.80	0.63	160.34	34.61	346.08	306.67
1710+20.73								
	19.27	96.33	9.52	2.23	71.76	15.42	77.08	98.93
1710+40.00								
	7.88	36.57	2.42	1.06	29.71	6.30	31.52	39.49
1710+47.88								
	98.00	447.27	17.73	25.64	362.19	78.40	392.00	483.95
Total Section 2	5280	41466	9454	3473	5810	1109	21057	24911

Consolidation works

Lucrari de consolidare

PC+	Length, m Distanța, m	Area of levelling, m ² Suprafata de nivelare, m ²						Seeding of slopes and sholders Insemintarea taluzurilor si acostamentelor cu iarba m ²
		Earthworks levelling Nivelarea platformei	Embankment slope Taluzurile rambleului	Cut slope Taluzurile debleului	Side drain slope Taluzurile rigolelor	Bottom of side drains Fundul rigolelor	Sholder Acostamentul	
1796+45.55								
	54.45	328.68	123.34	0.00	0.00	0.00	217.80	177.84
1797+0.00								
	100.00	602.44	227.11	0.00	0.00	0.00	400.00	327.19
1798+0.00								
	100.00	592.01	226.53	0.00	0.00	0.00	400.00	326.61
1799+0.00								
	100.00	595.50	226.53	0.00	0.00	0.00	400.00	326.61
1800+0.00								
	100.00	589.85	235.08	0.00	0.00	0.00	400.00	335.16
1801+0.00								
	100.00	603.30	226.53	0.00	0.00	0.00	400.00	326.61
1802+0.00								
	100.00	591.16	226.53	0.00	0.00	0.00	400.00	326.61
1803+0.00								
	100.00	598.86	226.53	0.00	0.00	0.00	400.00	326.61
1804+0.00								
	100.00	621.05	226.53	0.00	0.00	0.00	400.00	326.61
1805+0.00								
	100.00	640.48	174.94	0.00	0.00	0.00	400.00	275.02
1806+0.00								
	100.00	623.65	324.45	0.00	0.00	0.00	400.00	424.53
1807+0.00								
	100.00	530.86	363.05	0.00	0.00	0.00	360.00	453.12
1808+0.00								
	100.00	588.48	263.50	0.00	0.00	0.00	400.00	363.58
1809+0.00								
	100.00	588.48	226.53	0.00	0.00	0.00	400.00	326.61
1810+0.00								
	100.00	588.48	226.53	0.00	0.00	0.00	400.00	326.61
1811+0.00								
	100.00	588.48	226.53	0.00	0.00	0.00	400.00	326.61
1812+0.00								
	100.00	588.48	226.53	0.00	0.00	0.00	400.00	326.61
1813+0.00								
	100.00	588.48	226.53	0.00	0.00	0.00	400.00	326.61
1814+0.00								
	100.00	588.48	226.53	0.00	0.00	0.00	400.00	326.61
1815+0.00								
	100.00	588.48	226.53	0.00	0.00	0.00	400.00	326.61
1816+0.00								
	100.00	588.48	226.53	0.00	0.00	0.00	400.00	326.61
1817+0.00								
	100.00	600.19	291.32	0.00	0.00	0.00	400.00	391.40
1818+0.00								
	100.00	630.65	330.89	0.00	0.00	0.00	400.00	430.97
1819+0.00								
	100.00	616.58	247.37	0.00	0.00	0.00	400.00	347.45
1820+0.00								
	100.00	620.19	241.42	0.00	0.00	0.00	400.00	341.50
1821+0.00								
	100.00	588.48	226.53	0.00	0.00	0.00	400.00	326.61
1822+0.00								
	100.00	594.84	226.53	0.00	0.00	0.00	400.00	326.61
1823+0.00								
	100.00	601.18	226.53	0.00	0.00	0.00	400.00	326.61
1824+0.00								
	100.00	592.01	226.53	0.00	0.00	0.00	400.00	326.61

PC+	Length, m Distanța, m	Area of levelling, m ² Suprafata de nivelare, m ²						Seeding of slopes and sholders Insemintarea taluzurilor si acostamentelor cu iarba m ²
		Earthworks levelling Nivelarea platformei	Embankment slope Taluzurile rambleului	Cut slope Taluzurile debleului	Side drain slope Taluzurile rigolelor	Bottom of side drains Fundul rigolelor	Sholder Acostamentul	
1825+0.00								
	100.00	588.48	226.53	0.00	0.00	0.00	400.00	326.61
1826+0.00								
	100.00	589.79	226.92	0.00	0.00	0.00	400.00	327.00
1827+0.00								
	100.00	597.02	230.51	0.00	0.00	0.00	400.00	330.59
1828+0.00								
	100.00	605.04	226.53	0.00	0.00	0.00	400.00	326.61
1829+0.00								
	100.00	597.61	226.53	0.00	0.00	0.00	400.00	326.61
1830+0.00								
	100.00	593.73	226.78	0.00	0.00	0.00	400.00	326.86
1831+0.00								
	100.00	600.00	436.65	0.00	0.00	0.00	400.00	536.73
1832+0.00								
	100.00	607.14	249.57	0.00	0.00	0.00	400.00	349.65
1833+0.00								
	100.00	628.60	226.53	0.00	0.00	0.00	400.00	326.61
1834+0.00								
	100.00	594.68	226.53	0.00	0.00	0.00	400.00	326.61
1835+0.00								
	100.00	598.92	244.45	0.00	0.00	0.00	400.00	344.53
1836+0.00								
	100.00	651.24	382.05	0.00	0.00	0.00	397.04	482.12
1837+0.00								
	100.00	738.76	452.44	0.00	0.00	0.00	341.88	552.50
1838+0.00								
	100.00	834.90	348.36	0.00	0.00	0.00	367.59	448.42
1839+0.00								
	100.00	809.60	228.50	0.00	0.00	0.00	400.00	328.58
1840+0.00								
	100.00	821.16	255.14	0.00	0.00	0.00	400.00	355.22
1841+0.00								
	100.00	856.07	306.51	0.00	0.00	0.00	400.00	406.59
1842+0.00								
	100.00	855.98	226.53	0.00	0.00	0.00	400.00	326.61
1843+0.00								
	100.00	832.25	359.41	0.00	0.00	0.00	400.00	459.49
1844+0.00								
	100.00	835.76	284.00	0.00	0.00	0.00	400.00	384.08
1845+0.00								
	100.00	828.69	226.53	0.00	0.00	0.00	400.00	326.61
1846+0.00								
	100.00	847.76	226.53	0.00	0.00	0.00	400.00	326.61
1847+0.00								
	100.00	846.73	226.53	0.00	0.00	0.00	400.00	326.61
1848+0.00								
	100.00	884.82	268.96	0.00	0.00	0.00	367.22	369.01
1849+0.00								
	100.00	900.02	307.45	0.00	0.00	0.00	321.42	407.53
1850+0.00								
	100.00	875.25	342.04	12.95	11.24	5.89	329.31	472.20
1851+0.00								
	100.00	838.38	260.15	9.03	9.11	4.56	387.78	382.90
1852+0.00								
	100.00	826.13	226.53	0.00	0.00	0.00	400.00	326.61
1853+0.00								
	100.00	849.71	274.83	0.00	0.00	0.00	400.00	374.91
1854+0.00								
	100.00	831.10	284.52	0.00	0.00	0.00	400.00	384.60

PC+	Length, m Distanța, m	Area of levelling, m ² Suprafata de nivelare, m ²						Seeding of slopes and sholders Insemintarea taluzurilor si acostamentelor cu iarba m ²
		Earthworks levelling Nivelarea platformei	Embankment slope Taluzurile rambleului	Cut slope Taluzurile debleului	Side drain slope Taluzurile rigolelor	Bottom of side drains Fundul rigolelor	Sholder Acostamentul	
1855+0.00								
	100.00	846.46	246.71	0.00	0.00	0.00	400.00	346.79
1856+0.00								
	100.00	834.66	247.56	0.00	0.00	0.00	400.00	347.63
1857+0.00								
	100.00	834.21	226.53	0.00	0.00	0.00	400.00	326.61
1858+0.00								
	100.00	811.35	226.53	0.00	0.00	0.00	400.00	326.61
1859+0.00								
	100.00	827.10	267.00	0.00	0.00	0.00	400.00	367.08
1860+0.00								
	100.00	844.49	307.57	0.00	0.00	0.00	400.00	407.65
1861+0.00								
	100.00	821.81	260.25	0.00	0.00	0.00	400.00	360.33
1862+0.00								
	100.00	852.18	401.68	0.00	0.00	0.00	400.00	501.76
1863+0.00								
	100.00	838.07	234.14	0.00	0.00	0.00	400.00	334.22
1864+0.00								
	100.00	815.32	226.53	0.00	2.17	0.00	400.00	328.78
1865+0.00								
	100.00	785.66	226.53	6.25	43.76	0.00	400.00	376.61
1866+0.00								
	100.00	815.06	248.52	2.98	67.92	0.00	400.00	419.50
1867+0.00								
	100.00	867.88	244.79	0.00	27.16	0.00	400.00	372.02
1868+0.00								
	100.00	874.09	244.20	10.72	7.60	0.00	400.00	362.61
1869+0.00								
	100.00	868.19	263.74	8.29	93.35	0.00	400.00	465.47
1870+0.00								
	100.00	864.12	273.39	15.11	54.08	0.00	400.00	442.66
1871+0.00								
	100.00	861.27	252.98	22.11	20.55	0.00	400.00	395.71
1872+0.00								
	100.00	860.99	240.41	21.37	22.40	0.00	400.00	384.26
1873+0.00								
	100.00	836.32	175.61	6.96	3.69	0.00	400.00	286.34
1874+0.00								
	100.00	691.03	226.53	0.00	0.00	0.00	400.00	326.61
1875+0.00								
	100.00	675.38	241.92	0.00	0.00	0.00	400.00	342.00
1876+0.00								
	100.00	694.31	226.53	0.00	0.00	0.00	400.00	326.61
1877+0.00								
	30.00	215.65	68.36	0.00	0.00	0.00	120.00	98.38
1877+30.0								
	75.00	639.68	172.75	0.00	0.00	0.00	300.00	247.81
1878+5.0								
	100.00	868.72	244.86	0.00	0.00	0.00	400.00	344.94
1879+5.0								
	100.00	888.36	260.94	0.00	53.57	0.00	400.00	414.59
1880+5.0								
	100.00	891.87	316.90	0.00	0.00	0.00	385.39	416.96
1881+5.0								
	100.00	1410.05	435.86	0.00	0.00	0.00	335.23	535.93

PC+	Length, m Distanța, m	Area of levelling, m ² Suprafața de nivelare, m ²						Seeding of slopes and sholders Insemintarea taluzurilor și acostamentelor cu iarba m ²
		Earthworks levelling Nivelarea platformei	Embankment slope Taluzurile rambleului	Cut slope Taluzurile debleului	Side drain slope Taluzurile rigolelor	Bottom of side drains Fundul rigolelor	Sholder Acostamentul	
1882+5.0								
	100.00	1821.31	667.61	0.00	0.00	0.00	330.00	767.69
1883+5.0								
	100.00	1765.75	717.42	0.00	0.00	0.00	330.00	817.50
1884+5.0								
	98.21	1433.04	487.39	0.33	108.78	24.28	324.09	719.07
1885+3.2								
	101.79	1485.25	318.82	133.80	170.71	40.72	335.91	765.92
1886+5.0								
	100.00	1458.88	311.13	387.27	577.70	40.00	332.16	1416.18
1887+5.0								
	100.00	1421.89	266.68	491.60	245.51	65.00	380.13	1168.84
1888+5.0								
	100.00	1391.62	410.64	101.53	110.46	49.00	400.00	771.71
1889+5.0								
	100.00	1326.65	755.46	0.00	0.00	0.00	400.00	855.54
1890+5.0								
	100.00	886.95	745.45	0.00	0.00	0.00	400.00	845.53
1891+5.0								
	100.00	885.71	742.47	0.00	0.00	0.00	400.00	842.55
1892+5.0								
	100.00	1326.39	371.84	46.96	29.07	0.00	400.00	547.96
1893+5.0								
	100.00	1391.62	230.30	375.03	116.28	0.00	400.00	821.69
1894+5.0								
	100.00	1391.62	230.30	419.59	116.18	0.00	400.00	866.15
1895+5.0								
	100.00	1483.48	328.06	172.08	70.44	4.90	400.00	675.56
1896+5.0								
	100.00	1290.52	616.23	0.00	0.00	0.00	400.00	716.31
1897+5.0								
	100.00	1234.29	647.77	0.00	0.00	0.00	400.00	747.85
1898+5.0								
	100.00	1278.56	678.50	0.00	0.00	0.00	400.00	778.58
1899+5.0								
	100.00	1744.37	597.03	152.33	41.13	30.00	400.00	920.57
1900+5.0								
	100.00	1744.37	233.61	1165.51	109.68	80.00	400.00	1688.88
1901+5.0								
	100.00	1744.37	233.61	1011.67	109.68	80.00	400.00	1535.03
1902+5.0								
	100.00	1776.52	316.09	250.78	70.76	51.60	375.93	789.28
1903+5.0								
	100.00	1349.01	441.66	103.92	87.79	26.20	331.56	759.65
1904+5.0								
	100.00	1297.12	488.55	153.72	58.39	28.77	331.25	829.52
1905+5.0								
	100.00	1164.26	325.69	382.95	80.74	53.40	373.77	942.83
1906+5.0								
	100.00	883.99	235.32	416.38	181.77	75.00	399.65	1008.55
1907+5.0								
	45	306.97	58.40	25.46	166.58	36.00	175.38	331.47
1907+50								
Total section 3	11104	97642	33600	5907	2868	695	43450	54173
Total Lot I	31207	302964	101251	20884	23664	4909	120471	164631

Pavement widening in curves

Supralargirea in curba

Nr. Angle	Entry curve, km Inceput racordare	Entry curve km Inceput arc de cerc	Radius, m Raza, m	Widening Supralargire	Length Lungimea, m	Area on curve section, m² Aria sectorului de racordare	Area on circular curve section, m² Aria arcului de cerc
Ciurmai - Bypass Vulcanesti km 151+200 - 171+290							
1	151 328,33	151 418,33	300,00	0,90	90	40,50	205,28
1	151 736,42	151 646,42		0,90	90	40,50	
2	152 099,17	152 189,17	325,00	0,70	90	31,50	416,54
2	152 874,23	152 784,23		0,70	90	31,50	
3	152 966,86	152 966,86	2000,00	0,00	0	0,00	0,00
3	153 343,51	153 343,51		0,00	0	0,00	
4	153 511,88	153 601,88	300,00	0,90	90	40,50	320,78
4	154 048,30	153 958,30		0,90	90	40,50	
5	154 535,79	154 535,79	10000,00	0,00	0	0,00	0,00
5	154 673,75	154 673,75		0,00	0	0,00	
6	154 952,48	154 952,48	10000,00	0,00	0	0,00	0,00
6	155 107,54	155 107,54		0,00	0	0,00	
7	155 577,92	155 577,92	5000,00	0,00	0	0,00	0,00
7	155 640,36	155 640,36		0,00	0	0,00	
8	155 702,70	155 797,70	350,00	0,70	95	33,25	321,21
8	156 351,57	156 256,57		0,70	95	33,25	
10	156 780,17	156 880,17	400,00	0,70	100	35,00	36,93
10	157 032,93	156 932,93		0,70	100	35,00	
11	157 693,57	157 788,57	350,00	0,70	95	33,25	239,34
11	158 225,48	158 130,48		0,70	95	33,25	
12	158 522,42	158 617,42	350,00	0,70	95	33,25	320,21
12	159 169,87	159 074,87		0,70	95	33,25	
13	159 897,57	159 997,57	450,00	0,70	100	35,00	195,91
13	160 377,44	160 277,44		0,70	100	35,00	
14	160 402,70	160 502,70	400,00	0,70	100	35,00	134,85
14	160 795,34	160 695,34		0,70	100	35,00	
15	161 751,37	161 851,37	700,00	0,70	100	35,00	6,10
15	161 960,08	161 860,08		0,70	100	35,00	
17	163 197,70	163 197,70	3000,00	0,00	0	0,00	0,00
17	163 353,26	163 353,26		0,00	0	0,00	
18	164 324,65	164 424,65	450,00	0,70	100	35,00	23,77
18	164 558,61	164 458,61		0,70	100	35,00	
19	164 806,54	164 806,54	3000,00	0,00	0	0,00	0,00
19	164 970,30	164 970,30		0,00	0	0,00	
23	166 938,39	167 019,70	498,82	0,70	81	28,46	0,06
23	167 101,10	167 019,79		0,70	81	28,46	
25	167 870,29	167 970,29	1400,00	0,00	100	0,00	0,00
25	168 078,93	167 978,93		0,00	100	0,00	
26	168 357,35	168 357,35	4000,00	0,00	0	0,00	0,00
26	168 420,92	168 420,92		0,00	0	0,00	
27	169 484,93	169 484,93	5000,00	0,00	0	0,00	0,00
27	169 692,01	169 692,01		0,00	0	0,00	
28	170 381,86	170 381,86	30000,00	0,00	0	0,00	0,00
28	170 610,46	170 610,46		0,00	0	0,00	
29	170 888,75	170 888,75	2500,00	0,00	0	0,00	0,00
29	170 963,48	170 963,48		0,00	0	0,00	
30	171 079,51	171 079,51	1500,00	0,00	0	0,00	0,00
30	171 272,74	171 272,74		0,00	0	0,00	
							2 220,98

Nr. Angle	Entry curve, km Inceput racordare	Entry curve km Inceput arc de cerc	Radius, m Raza, m	Widening Supralargire	Length Lungimea, m	Area on curve section, m ² Aria sectorului de racordare	Area on circular curve section, m ² Aria arcului de cerc
M3 - Existing Section km 179+650 - km 190+750							
1	179 794,83	179 794,83	2000,00	0,00	0	0,00	0,00
1	180 004,91	180004,91		0,00	0	0,00	
2	182 222,47	182 222,47	2000,00	0,00	0	0,00	0,00
2	182 314,07	182 314,07		0,00	0	0,00	
4	183 674,33	183 764,33	300,00	0,80	90	36,00	22,56
4	183 882,53	183 792,53		0,80	90	36,00	
5	184 241,02	184 241,02	2000,00	0,00	0	0,00	0,00
5	184 428,13	184 428,13		0,00	0	0,00	
6	184 817,00	184 907,00	300,00	0,80	90	36,00	122,66
6	185 150,33	185 060,33		0,80	90	36,00	
8	186 714,57	186 714,57	10000,00	0,00	0	0,00	0,00
8	186 725,74	186 725,74		0,00	0	0,00	
9	187 209,41	187 209,41	10000,00	0,00	0	0,00	0,00
9	187 243,60	187 243,60		0,00	0	0,00	
12	188 041,60	188 141,60	400,00	0,70	100	35,00	377,09
12	188 780,30	188 680,30		0,70	100	35,00	
13	190 222,90	190 322,90	450,00	0,70	100	35,00	117,46
13	190 590,70	190 490,70		0,70	100	35,00	
Total							639,77
Total Lot I							2 860,76

List of designed Kerbs

Lista bordurei proiectate

Nr.	Location Pozitie		Length Lungime				Total Total	Note Nota
	LHS Stînga Km+	RHS Dreapta Km+	30.18.100		100.20.8			
			LHS Stînga, m	RHS Dreapta, m	LHS Stînga, m	RHS Dreapta, m		
1	2	3	4	5	6	7	8	9
1		151+842 ÷ 152+219		377		377	754	
2	157+550		200				200	spre sat
3		159+200		210			210	spre sat
Total			200	587		377	1164	

List of existing and design bridges

Lista podurilor existente si de proiect

Nr.	Position Pozitia, Km	Total length, m Lungimea totala,m	Width of side road Latimea partii carosabile, m	Bridge scheme Schema podului	Note Notă
1	151+251	54	10	3x18	new
2	170+458	12	10	2x6	
3	180+703	6	10	1x6	existing

List of culverts

Lista podetelor

Nr.	Position Pozitia, Km	Data about culverts Date despre podețe	Length Lungimea, ml	Design data Date proiect	
Ciurmai - Bypass Vulcanesti km 151+200 -km 171+290					
1	151+617			new nou	ø1,0 m
2	151+718			new nou	2.0x2.0
3	152+098	RC ø 1,0m Beton armat ø 1,0m	12,51	replacing inlocuirea	ø1,25 m
4	152+568			new nou	ø1,25 m
5	155+568	RC ø 0.6m Beton armat ø 0.6m	12,20	replacing inlocuirea	ø1,25 m
6	157+064			new nou	2(2.0x2.0)
7	160+330			new nou	ø1,0 m
8	160+872	RC ø 1,0m Beton armat ø 1,0m	19,35	clearance curățirea	
9	165+832	RC ø 1,0m Beton armat ø 1,0m	10,00	demolation demolarea	
10	165+832			new nou	ø1,0 m
11	166+290	RC 3ø 2,0m Beton armat 2ø 2,0m	20,70	clearance curățirea	
12	167+690	RC 3ø 2,0m Beton armat 2ø2,0m	27,80	clearance curățirea	
13	169+405	RC 2ø 1,0m Beton armat 2ø1,0m	12,31	lengthening, reparation alungirea, reararea	3ø1,0 m
M3 - Existing Section km 179+650 - km 190+750					
13	181+854	RC 1.5x1.0m Beton armat 1.5x1.0m	15,7	replacing inlocuirea	ø1,00 m
14	182+694	RC 1.2x0.9 m Beton armat 1.2x0.9m	15,29	replacing inlocuirea	2ø1,25 m
15	183+169	RC 1.0x0.65 m Beton armat 1.0x0.65m	15,09	replacing inlocuirea	ø1,25 m
16	183+669	RC 1.2x0.95 m Beton armat 1.2x0.95m	16,05	replacing inlocuirea	ø1,25 m
17	184+367	RC 1.2x0.98 m Beton armat 1.2x0.98m	15,64	replacing inlocuirea	ø1,00 m
18	187+183	RC 1.0 m Beton armat 1.0m	15,30	clearance, reparation curățirea	ø1,00 m
19	189+134	RC ø 1,0m Beton armat ø 1,0m	14,29	replacing inlocuirea	2ø1,0 m
20	189+950	RC ø 1,0m Beton armat ø 1,0m	14,34	replacing inlocuirea	ø1,50 m

List of designed side drains

Lista rigolelor

No. of the Sector Nr sectorului	From Km+ De la km+	To Km+ Pina la km+ +	Type of Ditch Strengthening Tipul consolidarii rigolei	Length of the sector, m Lungimea sectorului	Bottom Width, m Latimea fundului rigolei	The Target Slope Cut Above the Road Panta taluzului	The Target Slope Below the Road Panta taluzului	Height of the Strengthened Ditch, m Inaltimea rigolei	Strengthening Thickness, cm Grosimea de consolidare	Dissipator Location Km + Pozitia disipatorului	Remarks Nota
LHS Stinga											
Ciumai - Bypass Vulcanesti km 151+200 - km 171+290											
1	151 800	151 900	Crushed stone piatra sparta	100	0,4	1:1.50	1:1.50	0,4	10		
2	152 156	152 700	Cast-in-situ concrete beton monolit	544	0,4	1:1	1:1	0,6	15	152155	Rapid flow Canal rapid
3	152 800	153 700	Cast-in-situ concrete beton monolit	900	1,0	1:1	1:1	0,6	20	152805	Rapid flow Canal rapid
4	153 025	153 515	Cast-in-situ concrete beton monolit	500	0,4	1:1	1:1	0,4	8	153025	sant de garda
5	154 100	154 600	Crushed stone piatra sparta	500	0,4	1:1.50	1:1.50	0,4	10		
6	154 600	156 150	Cast-in-situ concrete beton monolit	1550	0,4	1:1	1:1	0,4	8		
7	156 255	156 700	Crushed stone piatra sparta	445	0,4	1:1.50	1:1.50	0,4	10		
8	160 440	160 660	grass seeding Inseminare cu iarba	220		1:1.50	1:1.50				
9	165 400	165 600	Crushed stone piatra sparta	200	0,4	1:1.50	1:1.50	0,4	10		
10	165 655	165 832	Crushed stone piatra sparta	177	0,4	1:1.50	1:1.50	0,4	10		
11	165 854	166 050	Cast-in-situ concrete beton monolit	196	0,4	1:1	1:1	0,4	8		repair of the existing ditch

No. of the Sector Nr sectorului	From Km+ De la km+	To Km+ Pina la km +	Type of Ditch Strengthening Tipul consolidarii rigolei	Length of the sector, m Lungimea sectorului	Bottom Width, m Latimea fundului rigolei	The Target Slope Cut Above the Road Panta taluzului	The Target Slope Below the Road Panta taluzului	Height of the Strengthened Ditch, m Inaltimea rigolei	Strengthening Thickness, cm Grosimea de consolidare	Dissipator LocationKm + Pozitia disipatorului	Remarks Nota
12	166 564	166 824	Cast-in-situ concrete beton monolit	260	0,4	1:1	1:1	0,4	8		repair of the existing ditch
13	166 824	167 040	Cast-in-situ concrete beton monolit	216	0,4	1:1	1:1	0,4	8		
14	166 590	167 040	Cast-in-situ concrete beton monolit	450	0,4	1:1	1:1	0,4	8		
15	167 040	167 360	Cast-in-situ concrete beton monolit	320	0,4	1:1	1:1	0,4	8		
16	167 387	167 520	Cast-in-situ concrete beton monolit	133	0,4	1:1	1:1	0,4	8		repair of the existing ditch
17	168 670	168 865	Crushed stone piatra sparta	195	0,4	1:1.50	1:1.50	0,4	10		
18	168 865	169 080	Cast-in-situ concrete beton monolit	215	0,4	1:1	1:1	0,4	8		
19	169 450	169 650	Crushed stone piatra sparta	200	0,4	1:1.50	1:1.50	0,4	10		
20	169 650	169 950	Cast-in-situ concrete beton monolit	300	0,4	1:1	1:1	0,4	15		Rapid flow Canal rapid
21	170 030	170 070	Cast-in-situ concrete beton monolit	40	0,4	1:1	1:1	0,4	15		Rapid flow Canal rapid
22	170 934	171 200	Cast-in-situ concrete beton monolit	266	0,4	1:1	1:1	0,4	15		Rapid flow Canal rapid
M3 Existing Section km 179+650 - km 190+750											
23	188 530	188 865	Crushed stone piatra sparta	335	0,4	1:1.50	1:1.50	0,4	10		
24	189 280	189 555	grass seeding Inseminare cu iarba	275		1:1.50	1:1.50				
25	189 980	190 750	Cast-in-situ concrete beton monolit	770	0,4	1:1	1:1	0,4	8	190 805	

No. of the Sector Nr sectorului	From Km+ De la km+	To Km+ Pina la km+ +	Type of Ditch Strengthening Tipul consolidarii rigolei	Length of the sector, m Lungimea sectorului	Bottom Width, m Latimea fundului rigolei	The Target Slope Cut Above the Road Panta taluzului	The Target Slope Below the Road Panta taluzului	Height of the Strengthened Ditch, m Inaltimea rigolei	Strengthening Thickness, cm Grosimea de consolidare	Dissipator LocationKm + Pozitia disipatorului	Remarks Nota
RHS											
Dreapta											
Ciumai - Bypass Vulcanesti km 151+200 - km 171+290											
26	152 350	152 500	Cast-in-situ concrete beton monolit	150	0,4	1:1	1:1	0,4	15		Rapid flow Canal rapid
27	152 565	153 500	Cast-in-situ concrete beton monolit	900	0,4	1:1	1:1	0,4	8	152 565	sant de garda
28	152 550	154 600	Cast-in-situ concrete beton monolit	2 050	1	1:1	1:1	0,6	20	154 050	Rapid flow Canal rapid
29	154 600	155 750	Cast-in-situ concrete beton monolit	1 150	0,4	1:1	1:1	0,4	8		
30	156 450	156 750	Crushed stone piatra sparta	300	0,4	1:1.50	1:1.50	0,4	10		
31	157 250	157 560	Cast-in-situ concrete beton monolit	310	0,4	1:1	1:1	0,4	8		
32	160 300	160 700	grass seeding Inseminare cu iarba	400		1:1.50	1:1.50				
33	165 943	166 090	Cast-in-situ concrete beton monolit	147	0,4	1:1	1:1	0,4	8		repair of the existing ditch
34	166 550	166 621	Cast-in-situ concrete beton monolit	71	0,4	1:1	1:1	0,4	8		
35	166 621	166 840	Cast-in-situ concrete beton monolit	219	0,4	1:1	1:1	0,4	8		repair of the existing ditch
36	166 840	167 036	Cast-in-situ concrete beton monolit	196	0,4	1:1	1:1	0,4	8		
37	167 036	167 430	Cast-in-situ concrete beton monolit	394	0,4	1:1	1:1	0,4	8		
38	168 018	168 170	Cast-in-situ concrete beton monolit	152	0,4	1:1	1:1	0,4	15		repair of the existing ditch

No. of the Sector Nr sectorului	From Km+ De la km+	To Km+ Pina la km +	Type of Ditch Strengthening Tipul consolidarii rigolei	Length of the sector, m Lungimea sectorului	Bottom Width, m Latimea fundului rigolei	The Target Slope Cut Above the Road Panta taluzului	The Target Slope Below the Road Panta taluzului	Height of the Strengthened Ditch, m Inaltimea rigolei	Strengthening Thickness, cm Grosimea de consolidare	Dissipator LocationKm + Pozitia disipatorului	Remarks Nota
39	168 218	168 386	Cast-in-situ concrete beton monolit	168	0,4	1:1	1:1	0,4	15		repair of the existing ditch
40	168 400	168 859	Cast-in-situ concrete beton monolit	459	0,4	1:1	1:1	0,4	15		Rapid flow Canal rapid
41	168 859	169 180	Cast-in-situ concrete beton monolit	321	0,4	1:1	1:1	0,4	15	169 175	Rapid flow Canal rapid
42	169 450	169 650	Cast-in-situ concrete beton monolit	200	0,4	1:1	1:1	0,4	8		
43	169 650	169 890	Cast-in-situ concrete beton monolit	240	0,4	1:1	1:1	0,4	15		Rapid flow Canal rapid
44	170 956	171 200	Cast-in-situ concrete beton monolit	244	0,4	1:1	1:1	0,4	15		Rapid flow Canal rapid
M3 Existing Section km 179+650 - km 190+750											
45	182 645	182 750	grass seeding Inseminare cu iarba	105		1:1.50	1:1.50				
46	186 500	186 700	grass seeding Inseminare cu iarba	200		1:1.50	1:1.50				
47	186 900	187 300	grass seeding Inseminare cu iarba	400		1:1.50	1:1.50				
48	188 455	188 855	Crushed stone piatra sparta	400	0,4	1:1.50	1:1.50	0,4	10		
49	189 305	189 555	grass seeding Inseminare cu iarba	250		1:1.50	1:1.50				

No. of the Sector Nr sectorului	From Km+ De la km+	To Km+ Pina la km +	Type of Ditch Strengthening Tipul consolidarii rigolei	Length of the sector, m Lungimea sectorului	Bottom Width, m Latimea fundului rigolei	The Target Slope Cut Above the Road Panta taluzului	The Target Slope Below the Road Panta taluzului	Height of the Strengthened Ditch, m Inaltimea rigolei	Strengthening Thickness, cm Grosimea de consolidare	Dissipator LocationKm + Pozitia disipatorului	Remarks Nota
50	189 980	190 255	Cast-in-situ concrete beton monolit	275	0,4	1:1	1:1	0,4	8	190255	
51	190 580	190 750	Cast-in-situ concrete beton monolit	170	0,4	1:1	1:1	0,4	8	190 750	
Total											
Type of strengthening Tipul consolidarii			Rapid flow Canal rapid	5 514							
			Cast-in-situ concrete beton monolit	6 287							
			Crushed stone piatra sparta	2 852							
			grass seeding Inseminare cu iarba	1 850							
			Guarding trench sant de garda	1 400							
			Repair of existing ditch Reparatia rigolei existente	1 275							

List of drainage channels

Rigole carosabile

Item No.	Position Pozitia								Length, m Lungimea, m		
	LHS Stinga				RHS Dreapta				LHS Stinga	RHS Dreapta	In all In total
	From De la		To Pina la		From De la		To Pina la				
	Km	+	Km	+	Km	+	Km	+			
1	2	3	4	5	6	7	8	9	10	11	12
Ciumai - Bypass Vulcanesti km 151+200 -km 171+290											
1	152	160	152	850					690	0	690
2	152	850	153	503					653	0	653
3					152	850	153	503	0	653	653
4					153	503	154	50	0	547	547
5	155	205	155	704					499	0	499
6					155	205	155	704	0	499	499
7					156	765	157	30	0	265	265
8					157	30	157	572	0	542	542
9	157	30	157	572					542	0	542
10	167	238	167	872					634	0	634
11					167	238	167	872	0	634	634
12	167	872	168	75					203	0	203
13	168	75	168	732					657	0	657
14					168	75	168	732	0	657	657
15	168	911	169	530					619	0	619
16					168	911	169	530	0	619	619
17	169	709	170	340					631	0	631
18					169	709	170	340	0	631	631
19	170	570	171	150					580	0	580
20					170	570	171	150	0	580	580
M3 - Existing Section km 179+650 - km 190+750											
21	7	440	8	25					585	0	585
22	180	400	180	550					150	0	150
23					180	400	180	550	0	150	150
24	180	550	180	790					240	0	240
25					180	550	180	790	0	240	240
26	182	600	182	800					200	0	200
27					182	600	182	800	0	200	200
28	183	544	183	750					206	0	206
29	189	667	190	233					566	0	566
30					189	667	190	233	0	566	566
31	190	233	190	597					364	0	364
32					190	711	190	750	0	39	39
TOTAL:									8 019	6 822	14 841

List of chutes on the slope

Lista cascilor pe taluz

Item No.	Spillway Location Km + Amplasarea	Spillway Construction Deversor					Chutes B-6 on the embankment slopes Casiuri B-6 pe taluz		Dissipator at the embankment foot Disipator la baza rambleului		Dissipators in the ditch Disipator in rigola	
		When bilateral declivity Bilateral		When one- sided declivity Unilateral		Concrete blocks B-2-20-25 Blocuri din beton armat B-2-20-25			Left Stinga	Right Dreapta	Left Stinga	Right Dreapta
		Left Stinga	Right Dreapta	Left Stinga	Right Dreapta							
							unit	unit				
1	2	3	4	5	6	7	8	9	10	11	12	13
Ciumai - Bypass Vulcanesti km 151+200 - km 171+290												
1	152 210			1		11	1,6	4			1	
2	152 260			1		11	2,8	6			1	
3	152 310			1		11	1,2	3			1	
4	152 360			1		11	1,2	3			1	
5	152 405			1		11	1,2	3			1	
6	152 445			1		11	1,2	3			1	
7	152 485			1		11	1,2	3			1	
8	152 525			1		11	1,4	3			1	
9	152 565			1		11	8,3	18			1	
10	152 605			1		11	11,2	24			1	
11	152 645			1		11	14,3	31			1	
12	152 685			1		11	17,4	37			1	
13	152 725			1		11	18,4	39			1	
14	152 765			1		11	17,8	38			1	
15	152 805			1		11	11,0	24			1	
16	152 845			1		11	19,7	42			1	
17	152 900			1	1	22	26,0	55			1	1
18	152 985			1	1	22	16,6	35			1	1
19	153 070			1	1	22	8,9	19			1	1
20	153 155			1	1	22	4,6	10			1	1
21	153 240			1	1	22	6,5	14			1	1
22	153 325			1	1	22	4,7	10			1	1
23	153 410			1	1	22	7,4	16			1	1
24	153 495			1	1	22	10,4	22			1	1
25	153 548				1	22	7,8	17				1
26	153 593				1	22	2,8	6				1
27	153 638				1	22	1,5	4				1
28	153 683				1	22	0,8	2				1
29	153 728				1	22	0,9	2				1
30	153 773				1	22	0,8	2				1
31	153 818				1	22	1,2	3				1
32	153 863				1	22	0,9	2				1
33	153 908				1	22	0,9	2				1
34	153 953				1	22	0,9	2				1
35	153 998				1	22	0,8	2				1
36	154 043				1	22	1,2	3				1
37	155 325			1	1	22	2,3	5			1	1
38	155 445			1	1	22	2,4	6			1	1
39	155 565	1	1			30	2,6	6			1	1
40	155 685			1	1	22	2,0	5			1	1
41	156 815				1	11	1,0	3				1
42	156 865				1	11	1,3	3				1
43	156 915				1	11	1,7	4		1		
44	156 965				1	11	3,6	8		1		
45	157 015				1	11	10,4	22		1		
46	157 115	1	1			30	12,9	28	1	1		

Item No.	Spillway Location Km + Amplasarea	Spillway Construction Deversor					Chutes B-6 on the embankment slopes Casiuri B-6 pe taluz		Dissipator at the embankment foot Disipator la baza rambleului		Dissipators in the ditch Disipator in rigola	
		When bilateral declivity Bilateral		When one- sided declivity Unilateral		Concrete blocks B-2-20-25 Blocuri din beton armat B-2-20-25			Left Stinga	Right Dreapta	Left Stinga	Right Dreapta
		Left Stinga	Right Dreapta	Left Stinga	Right Dreapta							
		unit	unit	unit	unit	unit	m.l.	unit	unit	unit	unit	
1	2	3	4	5	6	7	8	9	10	11	12	13
47	157 235			1	1	22	3,0	7			1	1
48	157 355			1	1	22	2,3	5		1	1	
49	157 475			1	1	22	2,9	7	1			1
50	167 278			1	1	22	3,0	7			1	1
51	167 363			1	1	22	0,7	2			1	1
52	167 433			1	1	22	1,4	3			1	1
53	167 533			1	1	22	1,8	4	1	1		
54	167 635			1	1	22	26,2	56	1	1		
55	167 720	1	1			30	23,2	49	1	1		
56	167 805			1	1	22	24,0	51	1	1		
57	167 850			1		11	6,0	13	1			
58	167 992			1		11	4,1	9				
59	168 032			1		11	0,8	2			1	
60	168 072			1		11	0,7	2			1	
61	168 100			1	1	22	5,2	11	1			
62	168 250			1	1	22	7,9	17	1		1	
63	168 355			1	1	22	10,4	22	1		1	
64	168 460			1	1	22	8,5	18	1	1		
65	168 565			1		11	3,6	8	1			
66	168 670			1	1	22	1,6	4			1	1
67	168 996			1	1	22	1,0	3			1	1
68	169 081			1	1	22	0,8	2			1	1
69	169 178			1	1	22	1,4	3			1	1
70	169 300			1	1	22	0,9	2			1	1
71	169 390	1	1			30	9,6	21			1	1
72	169 814			1	1	22	1,4	3			1	1
73	169 911			1	1	22	1,6	4			1	1
74	169 996			1	1	22	1,6	4			1	1
75	170 166			1	1	22	3,1	7	1	1		
76	170 251			1	1	22	0,4	1			1	1
77	170 350			1	1	22	1,3	3	1	1		
78	170 655			1	1	22	11,5	25	1	1		
79	170 740			1	1	22	2,8	6	1	1		
80	170 870			1	1	22	1,0	3		1	1	
81	170 955			1		11	0,4	1			1	
82	171 040			1		11	0,4	1			1	
M3 - Existing Section km 179+650 - km 190+750												
150	180 520			1	1	22	6,1	13	1	1		
151	180 745	1	1			30	7,2	16	1	1		
152	182 695	1	1			30	7,3	16	1			1
153	183 674	1	1			30	9,1	20	1			1
154	189 787			1	1	22	7,5	16		1	1	
155	189 907			1	1	22	8,6	19		1	1	
156	190 027			1	1	22	1,0	3			1	1
157	190 147			1	1	22	1,0	3			1	1
158	190 288			1		11	0,7	2			1	
159	190 343			1		11	0,5	2			1	
160	190 398			1		11	0,5	2			1	
161	190 453			1		11	0,5	2			1	
162	190 508			1		11	0,5	2			1	
163	190 563			1		11	0,5	2			1	
TOTAL:		7	7	72	60	1794	503	1103	20	19	60	45

List of transversal Drainage

Lista drenajului transversal

Nr.	Position Pozitia		Length of section Lungimea sectorului, m	Number of opening drainage Numarul drenajelor			Avareage length Lungimea medie m	Total Length Lungimea totala, m	Distance between drainage Distanța dintre drenaje , m
	From, km De la km	To, km Pina la km		Right Dreapta unit.	Left Stinga unit.	Total unit.			
Ciurnai - Bypass Vulcanesti km 151+200 -km 171+290									
1	151 960	152 160	200	13,0	13,0	26	3,50	91	15
2	154 000	154 190	190	12,0	12,0	24	3,50	84	15
3	155 126	155 827	701	70,0	70,0	140	3,50	490	10
4	156 556	156 850	294	19,0	19,0	38	3,50	133	15
5	158 150	158 385	235	15,0	15,0	30	3,50	105	15
6	166 400	166 485	85	5,0	5,0	10	3,50	35	15
7	166 625	166 947	322	21,0	21,0	42	3,50	147	15
8	167 225	167 555	330	22,0	22,0	44	3,50	154	15
9	167 555	167 955	400	40,0	40,0	80	3,50	280	10
10	167 955	168 700	745	49,0	49,0	98	3,50	343	15
11	169 120	169 438	318	21,0	21,0	42	3,50	147	15
12	169 806	170 340	534	35,0	35,0	70	3,50	245	15
13	170 560	171 160	600	40,0	40,0	80	3,50	280	15
M3 - Existing Section km 179+650 - km 190+750									
1	180 546	180 794	248	16,0	16,0	32	3,50	112	15
2	181 170	181 497	327	21,0	21,0	42	3,50	147	15
3	183 595	183 795	200	13,0	13,0	26	3,50	91	15
4	188 500	188 530	30	2,0	2,0	4	3,50	14	15
5	188 894	189 130	236	15,0	15,0	30	3,50	105	15
6	189 200	189 230	30	2,0	2,0	4	3,50	14	15
7	189 595	189 920	325	21,0	21,0	42	3,50	147	15
8	190 306	190 750	444	29,0	29,0	58	3,50	203	15
Total			6794	481	481	962		3367	

- | | |
|--|---------------------|
| 1. Saparea transeei cu excavator 0,4 m ³ , pam cat. II | 1263 m ³ |
| 2. Nivelarea fundului transeei manual | 1684 m ² |
| 3. Asezarea geotextilului | 6397 m ² |
| 4. Asternerea stratului filtrant din pietris | 337 m ³ |
| 5. Astuparea transeei cu excavator, 0,4 m ³ , lucrul in abata | 673 m ³ |
| 6. Compactare mecanizata | 673 m ³ |

List of designed minor intersections
 Lista intersecțiilor minore

Nr.	Location Amplasarea	Direction Pozitia	Type of cross road Tipul drumului de intersectie (tipul imbracamintei rutiere existente)	Cross angle Unghi de intersectie	Area, type of designed pavement, sq m Suprafata, tip imbracaminte rutiera proiectat, mp				Culvert Podet			Curatirea albiei si podetului	Note Nota	
	Km				Tip I	Tip II	Tip III	Tip IV	Existing existent	Designed proiectat				
									ø, m	ø, m	L, m			m³
Ciumai - Bypass Vulcanesti km 151+200 - km 171+290														
1	151+520	left stînga	Earth Pămînt	92°22'27"			929							
2	152+350	right dreapta	Asphalt concrete Beton asfaltic	90°32'38"	390		310							
3	153+858	right dreapta	Asphalt concrete Beton asfaltic	115°6'12"	274		91			0,8	15			
4	153+858	left stînga	Asphalt concrete Beton asfaltic	116°5'55"	222		131							
5	154+762	left stînga	Earth Pămînt	96°16'13"			83	175						
6	154+780	right dreapta	Earth Pămînt	99°5'30"			87	175						
7	155+623	right dreapta	Earth Pămînt	112°26'9"			115	175						
8	155+855	right dreapta	Earth Pămînt	85°22'			120							
9	156+935	left stînga	Earth Pămînt	88°56'47"			803							
10	158+800	right dreapta	Earth Pămînt	89°27'43"			1215							
11	158+045	left stînga	Crushed stone Piatra sparta	92°22'57"		231		350						
12	160+545	right dreapta	Earth Pămînt	88°2'42"			869			0,8	15			
13	161+466	left stînga	Crushed stone Piatra sparta	90°0'0"		77		175						
14	161+868	left stînga	Crushed stone Piatra sparta	78°24'7"		107		175						

Nr.	Location Amplasarea	Direction Pozitia	Type of cross road Tipul drumului de intersectie (tipul imbracamintei rutiere existente)	Cross angle Unghi de intersectie	Area, type of designed pavement, sq m Suprafata, tip imbracaminte rutiera proiectat, mp				Culvert Podet			Curatirea albiei si podetului	Note Nota
	Km				Tip I	Tip II	Tip III	Tip IV	Existing existent	Designed proiectat			
									ø, m	ø, m	L, m		
15	161+870	right dreapta	Crushed stone Piatra sparta	80°30'57"		95		175					
16	162+960	left stînga	Asphalt concrete Beton asfaltic	90°12'0"	115								
17	163+245	right dreapta	Earth Pămînt	78°58'7"			91	175					
18	163+940	right dreapta	Earth Pămînt	81°0'0"			87	175					
19	164+708	right dreapta	Earth Pămînt	89°0'40"			647						
20	164+897	left stînga	Earth Pămînt	90°3'0"			103	175					
21	164+912	right dreapta	Earth Pămînt	93°29'0"			108	175					
22	166+550	right dreapta	Crushed stone Piatra sparta	81°27'23"			293	174					
23	167+551	right dreapta	Crushed stone Piatra sparta	92°47'15"		88		350	1,0				
24	167+551	left stînga	Asphalt concrete Beton asfaltic	92°47'15"	88								
25	167+920	left stînga	Asphalt concrete Beton asfaltic	17°48'37"	352								
26	168+190	right dreapta	Asphalt concrete Beton asfaltic	69°33'24"	170				0,7				
27	168+394	right dreapta	Crushed stone Piatra sparta	93°44'50"	140				0,8	0,8	10		
28	168+616	left stînga	Earth Pămînt	90°50'5"			180	215	0,8	0,8	10		
29	169+361	left stînga	Earth Pămînt	84°41'17"			185	225	0,8	0,8	12		
30	170+053	right dreapta	Asphalt concrete Beton asfaltic	74°46'15"	551								
31	170+573	right dreapta	Crushed stone Piatra sparta	80°53'55"			112	225					

Nr.	Location Amplasarea	Direction Pozitia	Type of cross road Tipul drumului de intersectie (tipul imbracamintei rutiere existente)	Cross angle Unghi de intersectie	Area, type of designed pavement, sq m Suprafata, tip imbracaminte rutiera proiectat, mp				Culvert Podet			Curatirea albiei si podetului	Note Nota
	Km				Tip I	Tip II	Tip III	Tip IV	Existing existent	Designed proiectat			
									ø, m	ø, m	L, m		
32	170+900	right dreapta	Asphalt concrete Beton asfaltic	90°	47				1,0	1,0	8		spre benzinarie
33	170+925	right dreapta	Asphalt concrete Beton asfaltic	90°	145				0,8	0,8	20		spre benzinarie
34	170+987	right dreapta	Asphalt concrete Beton asfaltic	90°	158				0,8	0,8	30		spre benzinarie
M3 - Existing Section km 179+650 - km 190+750													
1	179+787	left stînga	Crushed stone Piatra sparta	100°51'		145		225					
2	179+943	right dreapta	Earth Pămînt	90°34'			116	225					
3	181+008	left stînga	Earth Pămînt	90°00'			116	225					
4	181+718	left stînga	Earth Pămînt	90°13'			116	225					
5	181+972	right dreapta	Earth Pămînt	105°00'			145	225	1,0	0,8	14		
6	184+163	right dreapta	Earth Pămînt	100°00'			132	225					
7	184+220	left stînga	Earth Pămînt	94°58'			123	225					
8	184+681	right dreapta	Earth Pămînt	89°45'			116	225					
9	186+281	left stînga	Earth Pămînt	90°00'			116	225					
10	186+281	right dreapta	Earth Pămînt	90°00'			116	225					

Nr.	Location Amplasarea	Direction Pozitia	Type of cross road Tipul drumului de intersectie (tipul imbracamintei rutiere existente)	Cross angle Unghi de intersectie	Area, type of designed pavement, sq m Suprafata, tip imbracaminte rutiera proiectat, mp				Culvert Podet			Curatirea albiei si podetului	Note Nota
	Km				Tip I	Tip II	Tip III	Tip IV	Existing existent	Designed proiectat			
										ø, m	ø, m		
11	187+314	right dreapta	Earth Pământ	90°00'			116	225					
12	187+380	left stînga	Earth Pământ	90°00'			116	225					
13	188+335	right dreapta	Earth Pământ	90°00'			995						
14	189+498	right dreapta	Earth Pământ	105°00'			106	225		0,8	16		
15	190+480	left stînga	Earth Pământ	103°16'			113	225		0,8	16		
Total					2652	743	9101	6439					

List of Quantities for Roundabout
Listă de cantități a construcției intersecției geratorii

Nr	Name and Type of Works Denumirea si tipul lucrarilor	Unit of measure Unitate de masura	Lot 1	
			km 171+118	km 165+860
	Earthworks Lucrari de terasament			
1	Milling of existing AC pavement H-180mm Frezare asfalt existente H-180mm	Sq.m.	854	
2	Demolition of existing kerbs Desfacerea bordurei existente	Linear meter	24	
3	Removal of existing base of crushed stone Demolarea fundatiei existente din piatra sparta	Sq.m.	1709	
4	Clearing and Removal of topsoil Decaparea pamintului vegetal	Cu.m	0	1 022
5	Earth Excavation Executarea debleului	Cu.m	751,96	594
6	Arrangement of make-up shoulders Umplerea acostamentelor	Cu.m	226,65	518
7	Embankment construction Executarea rambleului	Cu.m	683,6	1295
8	Earthworks levelling Nivelarea platformei	Sq.m.	1709	5065
9	Slopes levelling Nivelarea taluzurilor	Sq.m.	0	804
10	Topsoil on the slope Așternerea stratului de pământ vegetal pe taluze	Cu.m	1337	332
11	Slope seeding Însămânțarea cu iarbă a taluzurilor	Sq.m.	0	804
	Road Pavement Îmbrăcămintea Rutieră			
12	Capping layer of gravel H - 150mm Strat drenant din balast H=150mm	Sq.m.	0	3596
13	Base Course Cement stabilized aggregates H-220mm Strat de fundatie din beton slab H-220mm	Sq.m.	0,0	2868
14	Tack-coat using bitumen 0.6 l/m2 Amorsarea suprafetei cu bitum 0,6 l/Sq.m.	tn	0,0	2
15	Base course: Cold recycled asphalt with new aggregates 52% and stabilised with cemen 2-5% M400 H-180 mm Strat de baza din beton asfaltic reciclat la rece cu adaos de ciment 2-5% M400 H=180mm	sq.m.	5864,0	0
16	Coated macadam H-80mm Piatra sparta anrobat cu bitum H-80mm	Sq.m.	0,0	2868
17	Tack-coat using bitumen 0.3 l/m2 Amorsarea suprafetei cu bitum 0,3 l/Sq.m.	tn	1,8	1
18	Binder of porous asphalt concrete MI, H-60mm Strat din beton asfaltic poros MI H=60mm	Sq.m.	5864,0	2415

Nr	Name and Type of Works Denumirea si tipul lucrarilor	Unit of measure Unitate de masura	Lot 1	
			km 171+118	km 165+860
19	Tack-coat using bitumen 0.3 l/m2 Amorsarea suprafetei cu bitum 0,3 l/Sq.m.	tn	1,8	1
20	Wearing course: Stone mastic asphalt concrete H-40mm Strat de uzură din mixtură asfaltică pe bază de mastic bituminos H=40mm	Sq.m.	5864,0	2414
	Rounabout Construction and Consolidation of the separating islands Construcția Giratoriului si Consolidarea insulelor separatoare			
21	Concrete kerbs 100x30x18 Bordura din beton 100x30x18	linear meter	597	281
22	Concrete kerbs 100x30x15 Bordura din beton 100x30x15	linear meter	386	158
23	Capping layer of gravel H - 250mm Strat drenant din balast H=250mm	Sq.m.	51	68
24	Base course of concret B20 H - 200mm Strat de fundatie din beton B20 H - 200mm	Sq.m.	329	142
25	Base course of concret B20 H - 150mm Strat de fundatie din beton B20 H - 150mm	Sq.m.	308	121
26	Base course of sand mixed with cemen H-50mm M60 Strat de fundatie din nisip cu adaos de ciment H=50mm M60	Sq.m.	688	331
27	Paving (cobbling) of rock stone Pavaj din piatra bruta	Sq.m.	688	331
28	Guardrail Bariera de protectie	linear meter	107	0
29	Sidewalk Trotuar	Sq.m.	147	469
30	Clearence of existing pipe culvert 1x1.2m Curatirea podetului existent 1x1.2m	l.m.	75	
31	Repair of culvert joint Reparatia imbinarilor la podete	l.m.	75	
32	Repair of culvert inlet and outlet Reparatia capetelor de intrare si iesire ale podetelor	buc.	4	

List of additional lanes

Lista benzilor suplimentare in rampa

Nr.	Position - Left Pozitia -Stinga		Length, m Lungimea, m	Width , m Latimea , m	Position - Right Pozitia -Dreapta		Length, m Lungimea, m	Width , m Latimea, m	Note
	From De la, km	To Până la, km			From De la, km	To Până la, km			
1	2	3	4	5	6	7	8	9	10
1	-	-			152 090	154 120	2030	3,50	
2	-	-			167 764	168 801	1037	3,50	
3	169 656	170 405	749	3,50	-	-			
4	-	-			170 517	171 225	708	4	
5	189 550	190 610	1 060	3,5					
Total			1809				3775		

List of diversion roads
Lista drumurilor de ocolire

Nr.	Position Pozitia		Length, m Lungimea, m
	From, km De la , km	To, km Pina la , km	
1	2	3	4
1	151 193	151 320	195
2	156 890	157 215	332
Total			527

List of variety of soil

Lista varietatilor de sol

Nr.	Position Pozitia		Nr. of soil Nr. solului	Thickness of topsoil that is cut, m Grosimea stratului humic al solului ce se decoverteaza, m	Note
	From, km De la , km	To, km Pina la , km			
1	2	4	5	6	7
Ciurnai - Bypass Vulcanesti km 151+200 - km 171+290					
1	151 300	151 600	15	-	
2	151 600	151 717	18	-	
3	151 717	151 800	16	-	
4	151 850	152 000	14	1,25	
5	152 100	152 200	16	-	
6	152 231	152 380	10	0,50	
7	152 357	152 410	10	0,50	
8	152 482	152 530	12	0,20	
9	152 530	153 649	17	-	
10	152 664	152 750	11	0,20	
11	152 850	152 900	11	0,20	
12	153 250	153 500	10	0,50	
13	153 560	153 680	9	0,50	
14	153 680	153 700	7	0,60	
15	153 700	153 852	3	0,75	
16	153 852	153 864	18	-	
17	153 867	153 935	5	1,00	
18	153 935	154 061	7	0,60	
19	154 100	154 400	1	0,90	
20	155 800	156 260	3	0,75	
21	156 871	156 921	6	0,70	
22	156 921	156 965	8	0,55	
23	156 943	156 991	8	0,55	acces spre Greteni
24	156 965	157 000	14	1,25	
25	157 000	157 036	7	0,60	
26	157 250	157 432	7	0,60	
27	157 432	157 750	4	0,75	
28	157 750	157 800	2	0,80	
29	157 800	157 920	13	-	
30	157 920	157 995	2	0,80	
31	157 995	157 817	1	0,90	
32	158 600	160 273	1	0,90	
33	160 273	160 400	14	1,25	
34	160 400	160 700	1	0,90	
35	164 400	164 500	9	0,50	
36	164 524	164 711	9	0,50	
37	164 721	164 806	9	0,50	
38	165 860	165 878	6	0,70	
39	165 880	165 890	6	0,70	

Nr.	Position Pozitia		Nr. of soil Nr. solului	Thickness of topsoil that is cut, m Grosimea stratului humic al solului ce se decoperteaza, m	Note
	From, km De la , km	To, km Pina la , km			
M3 Existing section km 179+650 km 190+750					
1	188130	188800	1	1,00	
2	189950	190330	4	0,50	

List of bus stations
 Lista statiilor pentru autobuse

Nr.	Location Amplasarea km	Direction Directia	Area,sq m Suprafata, m ²	Sidewalk, m Trotuar, m	Width of sidewalk Latimea trotuarului, m	Kerbs Bordura 100.30.10, m	Kerbs Bordura 100.20.8, m	Bus canopy Copertina	Note Nota
1	151+770	left stînga	625	58	1,5	43	43	1	
2	151+820	right dreapta	644	43	1,5	43	43	1	
3	152+240	right dreapta	99	43	1,5	43	43	1	
4	157+500	right dreapta	568	53	1,5	43	43	1	
5	157+550	left stînga	557	43	1,5	43	43	1	
6	159+170	right dreapta	421	43	1,5	43	43	1	
7	159+230	left stînga	554	43	1,5	43	43	1	
8	165+780	left stînga	99	43	1,5	43	43	1	
9	165+922	right dreapta	99	53	1,5	53	53	1	
10	170+049	right dreapta	99	63	1,5	63	63	1	
11	170+124	right dreapta	544	63	1,5	63	63	1	
Total			4309	548		523	523	11	

List of parkings

Lista parcarilor

Nr.	Location Amplasarea km	Direction Directia	Area,sq m Suprafata, m ²	Note Nota
1	168+190	left stinga	303	platforma de stationare
2	168+548	right dreapta	1100	platforma de stationare
Total			1403	

List of designed sidewalk

Lista trotuarului de proiect

Nr.	Position Pozitia, km		Length, m Lungimea, m	Width of side walk, m Latimea trotuarului, m	Area Suprafata, m ²
	LHS Stînga, km	RHS Dreapta km			
1	2	3	4	5	6
1		151+842 - 152+219	377	1,50	565,50
2	157+550		100	1,50	150,00
3		159+200	105	1,50	157,50
Total			586,0		879,0

List of Designed guardrails
 Lista parapetelor proiectate

Nr.	Type of guardrails Tipul parapetelor	Designed guardrail Parapet metallic proiectat			Demolition of existing guardrail, m Demolarea parapetului existent, m	Note Nota
		LHS Stinga PC+	RHS Dreapta PC+	Length Lungimea		
1	2	3	4	5	6	7
Ciurnai - Bypass Vulcanesti km 151+200 - km 171+290						
1	metallic	1515+29÷1517+50		221		У2 (190 к/Дж)
2	metallic		1515+88÷1517+85	196		У2 (190 к/Дж)
3	metallic	1525+28÷1529+80		448		У3 (250 к/Дж)
4	metallic		1525+28÷1530+90	568		У3 (250 к/Дж)
5	metallic	1531+93÷1533+49		156		У2 (190 к/Дж)
6	metallic		1532+73÷1536+19	344		У3 (250 к/Дж)
7	metallic	1535+13÷1536+60		148		У3 (250 к/Дж)
8	metallic	1569+68÷1573+16		348		У3 (250 к/Дж)
9	metallic		1569+67÷1571+48	180		У3 (250 к/Дж)
10	metallic	1661+00÷1665+00		375	305	У3 (250 к/Дж)
11	metallic		1661+45÷1664+50	375	305	У3 (250 к/Дж)
12	metallic	1675+61÷1678+60	-	299	279,5	У2 (190 к/Дж)
13	metallic	-	1675+63÷1678+65	302	266,85	У2 (190 к/Дж)
M3 - Existing Section km 179+650 - km 190+750						
1	metallic		1889+5.0 -1891+80.0	275		У2 (190 к/Дж)
2	metallic		1896+30.0 -1897+30.0	100		У2 (190 к/Дж)
3	metallic		1898+5.0 -1899+55.0	150		У2 (190 к/Дж)
4	metallic		1903+5.0 - 1903+80.0	76		У2 (190 к/Дж)
5	metallic		1904+5.0 -1906+80.0	126		У2 (190 к/Дж)
6	metallic	1906+30.0 -1906+80.0		50		У2 (190 к/Дж)
Total				4737	1156	

Table road signs
Tabelul indicatoarelor rutiere

No. doc. Nr. Doc.	Location PC+ Locul de amplasare , PC+	Distance from the centerline Distanța de la axa	Sign nr. by STAS Nr. Conform STAS	Sign name Denumirea indicatorului	Type of sign pillar * Tipul suportului indicatorului	Quantity unit. Cantitate buc.	Size of Signs Dimensiunea indicatoarelor	Note Nota
Ciurmai - Bypass Vulcanesti km 151+200 - km 171+290								
1	1511+70.0	6.00	1.12.1	Curbă periculoasă	CKM1.35	1	A-900	
2	1513+60.0	5.72	1.7.3	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
3	1514+07.0	7.32	5.61.2	Directiile de deplasare spre anumite localitati sau obiecte	CKM1.30	1	2000x510	
4	1514+30.0	7.53	5.39.3	Bandă suplimentară	CKM1.35	1	B-700	
5	1515+10.0	-14.09	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
6	1515+90.0	-6.00	5.61.2	Directiile de deplasare spre anumite localitati sau obiecte	CKM1.30	1	2000x510	
7	1516+20.0	6.00	1.20	Trecere pentru pietoni	CKM1.35	1	A-900	
8	1517+0.0	-6.00	1.7.2	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
9	1517+78.0	-9.21	5.6	Stație pentru vehiculele de rută	CKM1.30	1	1050x700	
10	1517+91.0	9.69	5.50.1	Trecere pentru pietoni	CKM1.35	1	B-700	
11	1517+91.0	9.69	5.50.2	Trecere pentru pietoni		1	B-700	
12	1517+97.0	-9.68	5.50.1	Trecere pentru pietoni	CKM1.35	1	B-700	
13	1517+97.0	-9.68	5.50.2	Trecere pentru pietoni		1	B-700	
14	1518+12.0	8.82	5.6	Stație pentru vehiculele de rută	CKM1.30	1	1050x700	
15	1518+80.0	-6.00	1.12.2	Curbă periculoasă	CKM1.35	1	A-900	
16	1519+45.0	5.55	1.12.2	Curbă periculoasă	CKM1.35	1	A-900	
17	1519+50.0	-6.00	1.20	Trecere pentru pietoni	CKM1.35	1	A-900	
18	1520+50.0	5.55	1.20	Trecere pentru pietoni	CKM1.35	1	A-900	
19	1520+90.0	5.50	5.39.1	Bandă suplimentară	CKM1.35	1	B-700	
20	1521+60.0	7.01	1.20	Trecere pentru pietoni	CKM2.45	1	A-900	
21	1521+60.0	7.01	1.7.2	Intersecție cu un drum fără prioritate		1	A-900	
22	1522+30.0	11.99	5.6	Stație pentru vehiculele de rută	CKM1.30	1	1050x700	
23	1522+50.0	12.19	6.3.1	Zonă de acțiune	CKM2.40	1	700x350	
24	1522+50.0	12.19	1.14.2	Rampă cu declivitate mare		1	A-900	
25	1522+70.0	-6.00	1.20	Trecere pentru pietoni	CKM1.35	1	A-900	
26	1522+83.0	9.83	5.61.2	Directiile de deplasare spre anumite localitati sau obiecte	CKM1.30	1	2500x510	
27	1523+64.0	17.71	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral

No. doc. Nr. Doc.	Location PC+ Locul de amplasare , PC+	Distance from the centerline Distanța de la axa	Sign nr. by STAS Nr. Conform STAS	Sign name Denumirea indicatorului	Type of sign pillar * Tipul suportului indicatorului	Quantity unit. Cantitate buc.	Size of Signs Dimensiunea indicatoarelor	Note Nota
28	1523+90.0	-7.89	1.20	Trecere pentru pietoni	CKM1.35	1	A-900	
29	1524+14.0	-9.74	5.61.2	Directiile de deplasare spre anumite localitati sau obiecte	CKM1.30	1	2500x510	
30	1524+33.0	11.76	5.40.1	Sfîrșitul benzii	CKM1.35	1	B-700	
31	1524+43.0	-7.75	5.39.3	Bandă suplimentară	CKM1.35	1	B-700	
32	1525+0.0	9.61	5.39.3	Bandă suplimentară	CKM1.35	1	B-700	
33	1525+30.0	-6.00	1.7.3	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
34	1529+50.0	-6.00	1.12.1	Curbă periculoasă	CKM1.35	1	A-900	
35	1533+70.0	9.50	1.12.1	Curbă periculoasă	CKM1.35	1	A-900	
36	1536+90.0	9.77	1.7.1	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
37	1537+86.0	9.51	5.61.2	Directiile de deplasare spre anumite localitati sau obiecte	CKM1.30	1	2000x510	
38	1538+55.0	-5.95	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
39	1538+60.0	11.29	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
40	1539+58.0	-6.00	5.61.2	Directiile de deplasare spre anumite localitati sau obiecte	CKM1.30	1	2000x510	
41	1540+20.0	-6.00	1.7.1	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
42	1540+60.0	9.50	5.40.1	Sfîrșitul benzii	CKM1.35	1	B-700	
43	1542+0.0	-6.00	1.12.2	Curbă periculoasă	CKM1.35	1	A-900	
44	1543+88.0	6.00	6.3.1	Zonă de acțiune	CKM2.35	1	700x350	
45	1543+88.0	6.00	3.23	Depășire interzisă		1	D-700	
46	1546+0.0	-6.00	6.3.1	Zonă de acțiune	CKM2.40	1	700x350	
47	1546+0.0	-6.00	1.14.1	Pantă cu declivitate mare		1	A-900	
48	1546+20.0	6.00	1.7.1	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
49	1547+60.0	-7.32	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
50	1547+85.0	6.34	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
51	1548+38.0	-6.00	6.3.1	Zonă de acțiune	CKM2.35	1	700x350	
52	1548+38.0	-6.00	3.23	Depășire interzisă		1	D-700	
53	1549+30.0	-6.00	1.7.1	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
54	1554+60.0	6.00	1.7.2	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
55	1555+50.0	6.00	1.12.2	Curbă periculoasă	CKM1.35	1	A-900	
56	1556+26.0	5.60	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
57	1556+75.0	6.00	1.7.2	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
58	1557+30.0	-6.00	1.7.3	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
59	1558+63.0	7.35	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
60	1560+20.0	-6.00	1.7.3	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
61	1565+0.0	-6.00	1.12.1	Curbă periculoasă	CKM1.35	1	A-900	
62	1566+30.0	6.00	1.12.1	Curbă periculoasă	CKM1.35	1	A-900	

No. doc. Nr. Doc.	Location PC+ Locul de amplasare , PC+	Distance from the centerline Distanța de la axa	Sign nr. by STAS Nr. Conform STAS	Sign name Denumirea indicatorului	Type of sign pillar * Tipul suportului indicatorului	Quantity unit. Cantitate buc.	Size of Signs Dimensiunea indicatoarelor	Note Nota
63	1567+70.0	6.00	1.7.3	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
64	1568+88.0	6.00	5.61.2	Directiile de deplasare spre anumite localitati sau obiecte	CKM1.30	1	2500x510	
65	1569+30.0	-6.84	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
66	1570+10.0	-6.00	5.61.2	Directiile de deplasare spre anumite localitati sau obiecte	CKM1.30	1	2500x510	
67	1571+0.0	-6.00	2.3.6	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
68	1571+0.0	6.00	6.3.1	Zonă de acțiune	CKM2.40	1	700x350	
69	1571+0.0	6.00	1.14.2	Rampă cu declivitate mare		1	A-900	
70	1571+80.0	-6.00	1.12.2	Curbă periculoasă	CKM1.35	1	A-900	
71	1572+0.0	6.00	6.3.1	Zonă de acțiune	CKM3.45	1	700x350	
72	1572+0.0	6.00	3.23	Depășire interzisă		1	D-700	
73	1572+0.0	6.00	1.20	Trecere pentru pietoni		1	A-900	
74	1574+92.0	8.69	5.6	Stație pentru vehiculele de rută	CKM1.30	1	1050x700	
75	1575+22.0	9.53	5.50.1	Trecere pentru pietoni	CKM1.35	1	B-700	
76	1575+22.0	9.53	5.50.2	Trecere pentru pietoni		1	B-700	
77	1575+28.0	-10.00	5.50.1	Trecere pentru pietoni	CKM1.35	1	B-700	
78	1575+28.0	-10.00	5.50.2	Trecere pentru pietoni		1	B-700	
79	1575+40.0	10.00	1.12.1	Curbă periculoasă	CKM1.35	1	A-900	
80	1575+58.0	-9.14	5.6	Stație pentru vehiculele de rută	CKM1.30	1	1050x700	
81	1576+80.0	-6.00	1.20	Trecere pentru pietoni	CKM1.35	1	A-900	
82	1579+0.0	6.00	1.7.3	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
83	1580+39.0	-8.37	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
84	1582+0.0	-5.88	1.7.2	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
85	1583+75.0	6.00	1.12.2	Curbă periculoasă	CKM1.35	1	A-900	
86	1583+75.0	-6.00	1.12.2	Curbă periculoasă	CKM1.35	1	A-900	
87	1586+0.0	-6.00	6.3.1	Zonă de acțiune	CKM2.40	1	700x350	
88	1586+0.0	-6.00	1.14.1	Pantă cu declivitate mare		1	A-900	
89	1586+50.0	6.00	1.7.2	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
90	1587+15.0	6.00	5.61.2	Directiile de deplasare spre anumite localitati sau obiecte	CKM1.30	1	2500x510	
91	1588+15.0	11.56	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
92	1588+90.0	-7.75	5.39.3	Bandă suplimentară	CKM1.35	1	B-700	
93	1589+06.0	-7.07	5.61.2	Directiile de deplasare spre anumite localitati sau obiecte	CKM1.30	1	2500x510	
94	1589+50.0	-6.03	1.7.3	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	

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95	1590+0.0	-6.00	6.3.1	Zonă de acțiune	CKM2.35	1	700x350	
96	1590+0.0	-6.00	3.23	Depășire interzisă		1	D-700	
97	1590+50.0	6.00	1.20	Trecere pentru pietoni	CKM1.35	1	A-900	
98	1591+20.0	6.00	1.20	Trecere pentru pietoni	CKM1.35	1	A-900	
99	1591+62.0	9.16	5.6	Stație pentru vehiculele de rută	CKM1.30	1	1050x700	
100	1591+96.0	9.50	5.50.1	Trecere pentru pietoni	CKM1.35	1	B-700	
101	1591+96.0	9.50	5.50.2	Trecere pentru pietoni		1	B-700	
102	1592+2.0	-9.82	5.50.1	Trecere pentru pietoni	CKM1.35	1	B-700	
103	1592+2.0	-9.82	5.50.2	Trecere pentru pietoni		1	B-700	
104	1592+38.0	-9.15	5.6	Stație pentru vehiculele de rută	CKM1.30	1	1050x700	
105	1593+20.0	-6.00	1.12.1	Curbă periculoasă	CKM1.35	1	A-900	
106	1593+50.0	-6.00	3.23	Depășire interzisă	CKM2.45	1	D-700	
107	1593+50.0	-6.00	1.20	Trecere pentru pietoni		1	A-900	
108	1597+40.0	6.00	1.13.1	Curbe periculoase	CKM1.35	1	A-900	
109	1603+70.0	6.00	1.7.2	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
110	1604+76.0	6.22	5.61.2	Directiile de deplasare spre anumite localitati sau obiecte	CKM1.30	1	2500x510	
111	1605+60.0	11.75	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
112	1606+36.0	-7.75	5.39.3	Bandă suplimentară	CKM1.35	1	B-700	
113	1606+52.0	-7.00	5.61.2	Directiile de deplasare spre anumite localitati sau obiecte	CKM1.30	1	2500x510	
114	1607+10.0	-6.00	1.7.3	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
115	1609+50.0	-6.00	1.13.1	Curbe periculoase	CKM1.35	1	A-900	
116	1613+0.0	6.00	1.7.3	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
117	1614+60.0	-6.53	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
118	1616+10.0	-6.00	1.7.2	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
119	1617+10.0	6.00	1.7.1	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
120	1618+60.0	-7.38	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
121	1618+77.0	8.51	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
122	1620+30.0	-6.00	1.7.1	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
123	1620+60.0	-6.00	1.12.2	Curbă periculoasă	CKM1.35	1	A-900	
124	1628+0.0	6.00	1.7.3	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
125	1629+53.0	-6.57	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
126	1630+90.0	6.00	1.7.2	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
127	1631+10.0	-6.00	1.7.2	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
128	1632+54.0	7.45	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral

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129	1634+0.0	-6.00	1.7.3	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
130	1637+80.0	6.00	1.7.2	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
131	1639+46.0	9.15	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
132	1641+0.0	-6.00	1.7.3	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
133	1641+70.0	6.00	1.12.1	Curbă periculoasă	CKM1.35	1	A-900	
134	1645+50.0	6.00	1.7.2	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
135	1647+16.0	10.09	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
136	1647+20.0	-6.00	1.12.2	Curbă periculoasă	CKM1.35	1	A-900	
137	1647+40.0	6.00	1.7.1	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
138	1648+75.0	-6.00	1.7.3	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
139	1648+90.0	-7.09	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
140	1649+15.0	6.94	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
141	1650+50.0	-6.00	1.7.1	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
142	1655+0.0	6.00	5.58.2	Presemnalizarea directiilor de deplasare	CKM4.40	1	3500x1500	
143	1655+50.0	6.00	3.27	Viteză maximă limitată	CKM1.35	1	D-700	
144	1656+50.0	6.00	1.20	Trecere pentru pietoni	CKM2.45	1	A-900	
145	1656+50.0	6.00	1.8	Intersecție cu sens giratoriu		1	A-900	
146	1657+0.0	6.00	3.27	Viteză maximă limitată	CKM1.35	1	D-700	
147	1657+28.0	-104.00	5.58.2	Presemnalizarea directiilor de deplasare	CKM4.40	1	3500x1500	
148	1657+70.0	-76.00	5.61.2	Directiile de deplasare spre anumite localitati sau obiecte	CKM4.40	1	3500x1500	
149	1657+88.0	-4.68	5.6	Stație pentru vehiculele de rută	CKM1.30	1	1050x700	
150	1658+2.0	6.00	5.50.1	Trecere pentru pietoni	CKM1.35	1	B-700	
151	1658+2.0	6.00	5.50.2	Trecere pentru pietoni		1	B-700	
152	1658+8.0	-7.31	5.50.1	Trecere pentru pietoni	CKM1.35	1	B-700	
153	1658+8.0	-7.31	5.50.2	Trecere pentru pietoni		1	B-700	
154	1658+14.0	6.24	5.61.2	Directiile de deplasare spre anumite localitati sau obiecte	CKM4.40	1	3500x1500	
155	1658+25.0	-0.98	6.24.1	Semnalizarea obstacolului	CKM3.35	1	500x1700	
156	1658+25.0	-0.98	4.2.1	Directii obligatorii de ocolire a obstacolului		1	D-700	
157	1658+34.0	-27.19	6.15.2	Directia drumului cu prioritate	CKM3.45	1	B-700	

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158	1658+34.0	-27.19	4.3	Sens giratoriu		1	D-700	
159	1658+34.0	-27.19	2.1	Cedeaza trecerea		1	A-900	Drum lateral
160	1658+34.0	-44.74	6.24.1	Semnalizarea obstacolului	CKM3.35	1	500x1700	
161	1658+34.0	-44.74	4.2.1	Direcții obligatorii de ocolire a obstacolului		1	D-700	
162	1658+36.0	6.59	6.15.2	Direcția drumului cu prioritate	CKM3.45	1	B-700	
163	1658+36.0	6.59	4.3	Sens giratoriu		1	D-700	
164	1658+36.0	6.59	2.1	Cedeaza trecerea		1	A-900	Drum lateral
165	1658+54.0	-8.24	6.15.2	Direcția drumului cu prioritate	CKM3.45	1	B-700	
166	1658+54.0	-8.24	4.3	Sens giratoriu		1	D-700	
167	1658+54.0	-8.24	2.1	Cedeaza trecerea		1	A-900	Drum lateral
168	1658+61.0	10.00	5.50.1	Trecere pentru pietoni	CKM1.35	1	B-700	
169	1658+61.0	10.00	5.50.2	Trecere pentru pietoni		1	B-700	
170	1658+64.0	0.00	6.24.1	Semnalizarea obstacolului	CKM3.35	1	500x1700	
171	1658+64.0	0.00	4.2.1	Direcții obligatorii de ocolire a obstacolului		1	D-700	
172	1658+67.0	-6.92	5.50.1	Trecere pentru pietoni	CKM1.35	1	B-700	
173	1658+67.0	-6.92	5.50.2	Trecere pentru pietoni		1	B-700	
174	1658+91.0	-6.00	5.61.2	Directiile de deplasare spre anumite localitati sau obiecte	CKM4.40	1	3000x2000	
175	1659+15.0	14.00	5.6	Stație pentru vehiculele de rută	CKM1.30	1	1050x700	
176	1660+78.0	-7.00	1.20	Trecere pentru pietoni	CKM2.45	1	A-900	
177	1660+78.0	-7.00	1.8	Intersecție cu sens giratoriu		1	A-900	
178	1661+54.0	-6.00	5.58.2	Presemnalizarea directiilor de deplasare	CKM4.40	1	3000x2000	
179	1663+87.0	8.00	1.7.2	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
180	1665+54.0	9.00	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
181	1667+9.0	-8.00	1.7.3	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
182	1667+75.0	6.36	6.3.1	Zonă de acțiune	CKM2.35	1	700x350	
183	1667+75.0	6.36	3.23	Depășire interzisă		1	D-700	
184	1671+0.0	8.00	1.14.1	Pantă cu declivitate mare	CKM1.35	1	A-900	
185	1673+89.0	8.00	1.7.1	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
186	1674+50.0	6.00	5.61.2	Directiile de deplasare spre anumite localitati sau obiecte	CKM2.30	1	3500x680	
187	1675+45.0	-13.00	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
188	1675+57.0	11.22	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
189	1677+13.0	7.00	6.3.1	Zonă de acțiune	CKM3.45	1	700x350	

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190	1677+13.0	7.00	1.14.2	Rampă cu declivitate mare		1	A-900	
191	1677+13.0	7.00	1.7.3	Intersecție cu un drum fără prioritate		1	A-900	
192	1677+13.0	-8.00	1.14.2	Rampă cu declivitate mare	CKM2.45	1	A-900	
193	1677+13.0	-8.00	1.7.1	Intersecție cu un drum fără prioritate		1	A-900	
194	1677+64.0	6.01	5.39.1	Bandă suplimentară	CKM1.35	1	B-700	
195	1678+63.0	-12.00	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
196	1680+20.0	10.55	1.7.2	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
197	1680+30.0	-6.00	5.61.2	Directiile de deplasare spre anumite localitati sau obiecte	CKM2.30	1	3500x680	
198	1680+65.0	-7.00	1.7.2	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
199	1681+93.0	15.00	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
200	1682+29.0	12.00	1.7.2	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
201	1683+51.0	-8.00	1.7.3	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
202	1683+53.0	12.00	5.26	Loc pentru popas	CKM1.30	1	1050x700	
203	1684+0.0	17.00	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
204	1684+20.0	-6.62	5.26	Loc pentru popas	CKM1.30	1	1050x700	
205	1684+48.0	11.00	1.7.3	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
206	1685+58.0	-8.00	1.7.3	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
207	1686+10.0	-18.00	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
208	1687+41.0	12.00	5.40.1	Sfârșitul benzii	CKM1.35	1	B-700	
209	1687+84.0	-7.00	1.7.2	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
210	1688+0.0	6.08	6.3.1	Zonă de acțiune	CKM2.35	1	700x350	
211	1688+0.0	6.08	3.23	Depășire interzisă		1	D-700	
212	1688+25.0	8.00	1.14.1	Pantă cu declivitate mare	CKM1.35	1	A-900	
213	1688+25.0	-7.00	6.3.1	Zonă de acțiune	CKM2.40	1	700x350	
214	1688+25.0	-7.00	1.14.1	Pantă cu declivitate mare		1	A-900	
215	1691+75.0	-6.00	6.3.1	Zonă de acțiune	CKM2.35	1	700x350	
216	1691+75.0	-6.00	3.23	Depășire interzisă		1	D-700	
217	1691+91.0	8.00	1.7.3	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
218	1693+53.0	-18.00	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
219	1693+90.0	6.00	6.3.1	Zonă de acțiune	CKM2.35	1	700x350	
220	1693+90.0	6.00	3.23	Depășire interzisă		1	D-700	
221	1694+0.0	-8.00	1.14.2	Rampă cu declivitate mare	CKM1.35	1	A-900	
222	1694+10.0	6.00	1.14.2	Rampă cu declivitate mare	CKM1.35	1	A-900	
223	1695+27.0	-8.00	1.7.2	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
224	1696+30.0	-7.00	1.14.1	Pantă cu declivitate mare	CKM1.35	1	A-900	
225	1696+30.0	8.00	1.14.1	Pantă cu declivitate mare	CKM1.35	1	A-900	
226	1696+56.0	-6.00	6.3.1	Zonă de acțiune	CKM2.35	1	700x350	

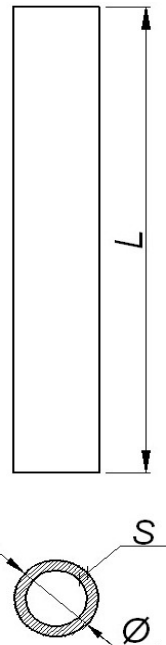
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227	1696+56.0	-6.00	3.23	Depășire interzisă		1	D-700	
228	1697+16.0	-10.00	5.40.1	Sfârșitul benzii	CKM1.35	1	B-700	
229	1698+65.0	7.00	1.7.2	Intersecție cu un drum fără prioritate	CKM2.45	1	A-900	
230	1698+65.0	7.00	1.20	Trecere pentru pietoni		1	A-900	
231	1700+55.0	-19.00	5.6	Stație pentru vehiculele de rută	CKM1.30	1	1050x700	
232	1700+57.0	20.00	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
233	1700+87.0	12.00	5.50.1	Trecere pentru pietoni	CKM1.35	1	B-700	
234	1700+87.0	12.00	5.50.2	Trecere pentru pietoni		1	B-700	
235	1700+92.0	-11.00	5.50.1	Trecere pentru pietoni	CKM1.35	1	B-700	
236	1700+92.0	-11.00	5.50.2	Trecere pentru pietoni		1	B-700	
237	1701+17.0	19.00	5.6	Stație pentru vehiculele de rută	CKM1.30	1	1050x700	
238	1701+90.0	12.00	5.40.1	Sfârșitul benzii	CKM1.35	1	B-700	
239	1702+27.0	-12.00	1.7.3	Intersecție cu un drum fără prioritate	CKM2.45	1	A-900	
240	1702+27.0	-12.00	1.20	Trecere pentru pietoni		1	A-900	
241	1703+50.0	-12.00	1.14.2	Rampă cu declivitate mare	CKM1.35	1	A-900	
242	1704+5.0	-9.00	5.39.1	Bandă suplimentară	CKM1.35	1	B-700	
243	1704+7.0	7.00	1.7.2	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
244	1704+60.0	7.00	1.14.2	Rampă cu declivitate mare	CKM1.35	1	A-900	
245	1705+17.0	8.00	5.39.1	Bandă suplimentară	CKM1.35	1	B-700	
246	1705+76.0	16.00	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
247	1707+0.0	9.49	5.58.2	Presemnalizarea direcțiilor de deplasare	CKM4.40	1	5000x1500	
248	1707+32.0	-7.00	1.7.3	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
249	1707+85.0	9.50	3.27	Viteză maximă limitată	CKM1.35	1	D-700	
250	1708+80.0	9.00	1.8	Intersecție cu sens giratoriu	CKM1.35	1	A-900	
251	1709+37.0	9.50	3.27	Viteză maximă limitată	CKM1.35	1	D-700	

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252	1710+23.0	9.50	5.61.2	Directiile de deplasare spre anumite localitati sau obiecte	CKM4.40	1	3500x2000	
253	1710+40.0	-6.99	6.3.1	Zonă de acțiune	CKM2.35	1	700x350	
254	1710+40.0	-6.99	3.23	Depășire interzisă		1	D-700	
255	1710+56.0	-0.37	6.24.1	Semnalizarea obstacolului	CKM3.35	1	500x1700	
256	1710+56.0	-0.37	4.2.1	Dir ecții obligatorii de ocolire a obstacolului		1	D-700	
257	1710+69.0	16.71	6.15.2	Dir ecția drumului cu prioritate	CKM3.45	1	B-700	
258	1710+69.0	16.71	4.3	Sens giratoriu		1	D-700	
259	1710+69.0	16.71	2.1	Cedeaza trecerea		1	A-900	Drum lateral
260	1711+2.0	-41.18	6.15.2	Dir ecția drumului cu prioritate	CKM3.45	1	B-700	
261	1711+2.0	-41.18	4.3	Sens giratoriu		1	D-700	
262	1711+2.0	-41.18	2.1	Cedeaza trecerea		1	A-900	Drum lateral
263	1711+16.0	-61.65	6.24.1	Semnalizarea obstacolului	CKM3.35	1	500x1700	
264	1711+16.0	-61.65	4.2.1	Dir ecții obligatorii de ocolire a obstacolului		1	D-700	
265	1711+20.0	151.88	5.58.2	Presemnalizarea directiilor de depl sare	CKM4.40	1	4500x1500	
266	1711+28.0	75.46	5.61.2	Directiile de deplasare spre anumite localitati sau obiecte	CKM4.40	1	4000x2000	
267	1711+34.0	61.59	6.24.1	Semnalizarea obstacolului	CKM3.35	1	500x1700	
268	1711+34.0	61.59	4.2.1	Dir ecții obligatorii de ocolire a obstacolului		1	D-700	
269	1711+43.0	41.70	6.15.2	Dir ecția drumului cu prioritate	CKM3.45	1	B-700	
270	1711+43.0	41.70	4.3	Sens giratoriu		1	D-700	
271	1711+43.0	41.70	2.1	Cedeaza trecerea		1	A-900	Drum lateral
272	1711+73.0	-9.47	6.15.2	Dir ecția drumului cu prioritate	CKM3.45	1	B-700	
273	1711+73.0	-9.47	4.3	Sens giratoriu		1	D-700	
274	1711+73.0	-9.47	2.1	Cedeaza trecerea		1	A-900	Drum lateral
275	1711+81.0	0.31	6.24.1	Semnalizarea obstacolului	CKM3.35	1	500x1700	
276	1711+81.0	0.31	4.2.1	Dir ecții obligatorii de ocolire a obstacolului		1	D-700	
277	1712+82.0	-6.00	5.61.2	Directiile de deplasare spre anumite localitati sau obiecte	CKM4.40	1	4000x2000	
278	1713+18.0	-6.00	5.58.2	Presemnalizarea directiilor de depl sare	CKM4.40	1	5000x1500	

No. doc. Nr. Doc.	Location PC+ Locul de amplasare , PC+	Distance from the centerline Distanța de la axa	Sign nr. by STAS Nr. Conform STAS	Sign name Denumirea indicatorului	Type of sign pillar * Tipul suportului indicatorului	Quantity unit. Cantitate buc.	Size of Signs Dimensiunea indicatoarelor	Note Nota
M3 - Existing Section km 179+650 - km 192+430								
279	1797+17.0	-6.00	1.7.3	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
280	1797+80.0	-6.66	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
281	1798+0.0	6.00	6.3.1	Zonă de acțiune	CKM3.45	1	700x350	
282	1798+0.0	6.00	3.23	Depășire interzisă		1	D-700	
283	1798+0.0	6.00	1.7.2	Intersecție cu un drum fără prioritate		1	A-900	
284	1799+37.0	-6.00	1.7.2	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
285	1799+51.0	6.63	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
286	1801+30.0	6.00	1.7.2	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
287	1802+94.0	5.58	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
288	1805+25.0	-6.00	6.3.1	Zonă de acțiune	CKM2.35	1	700x350	
289	1805+25.0	-6.00	3.23	Depășire interzisă		1	D-700	
290	1810+1.0	-7.07	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
291	1811+65.0	-6.00	1.7.2	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
292	1813+90.0	6.00	6.3.1	Zonă de acțiune	CKM2.35	1	700x350	
293	1813+90.0	6.00	3.23	Depășire interzisă		1	D-700	
294	1817+10.0	-6.65	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
295	1818+0.0	-6.00	6.3.1	Zonă de acțiune	CKM2.35	1	700x350	
296	1818+0.0	-6.00	3.23	Depășire interzisă		1	D-700	
297	1818+20.0	6.00	1.7.2	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
298	1818+70.0	-6.00	1.7.2	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
299	1819+78.0	6.07	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
300	1827+50.0	6.00	6.3.1	Zonă de acțiune	CKM2.35	1	700x350	
301	1827+50.0	6.00	3.23	Depășire interzisă		1	D-700	
302	1830+50.0	-6.00	6.3.1	Zonă de acțiune	CKM2.35	1	700x350	
303	1830+50.0	-6.00	3.23	Depășire interzisă		1	D-700	
304	1835+20.0	6.00	1.12.2	Curbă periculoasă	CKM1.35	1	A-900	
305	1837+50.0	6.00	6.3.1	Zonă de acțiune	CKM2.35	1	700x350	
306	1837+50.0	6.00	3.23	Depășire interzisă		1	D-700	
307	1840+10.0	6.00	1.7.2	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
308	1840+30.0	-6.00	1.12.1	Curbă periculoasă	CKM1.35	1	A-900	
309	1840+70.0	-6.00	6.3.1	Zonă de acțiune	CKM2.35	1	700x350	
310	1840+70.0	-6.00	3.23	Depășire interzisă		1	D-700	
311	1841+70.0	5.68	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
312	1842+12.0	-5.96	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
313	1843+70.0	-6.00	1.7.2	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
314	1845+30.0	6.02	1.7.2	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
315	1846+60.0	6.00	1.12.2	Curbă periculoasă	CKM1.35	1	A-900	
316	1846+91.0	6.07	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
317	1853+0.0	-5.94	1.12.1	Curbă periculoasă	CKM1.35	1	A-900	
318	1861+30.0	6.07	1.7.1	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
319	1862+74.0	-7.34	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
320	1862+89.0	6.57	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
321	1864+32.0	-6.11	1.7.1	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
322	1878+90.0	6.00	1.12.1	Curbă periculoasă	CKM1.35	1	A-900	

No. doc. Nr. Doc.	Location PC+ Locul de amplasare , PC+	Distance from the centerline Distanța de la axa	Sign nr. by STAS Nr. Conform STAS	Sign name Denumirea indicatorului	Type of sign pillar * Tipul suportului indicatorului	Quantity unit. Cantitate buc.	Size of Signs Dimensiunea indicatoarelor	Note Nota
323	1881+80.0	6.02	1.7.3	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
324	1882+17.0	7.30	5.61.2	Directiile de deplasare spre anumite localitati sau obiecte	CKM3.35	1	3000x1020	
325	1882+44.0	7.75	5.39.3	Bandă suplimentară	CKM1.35	1	B-700	
326	1883+23.0	-14.60	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
327	1884+95.0	-6.00	1.7.2	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
328	1885+86.0	-6.34	5.61.2	Directiile de deplasare spre anumite localitati sau obiecte	CKM3.35	1	3000x1020	
329	1889+30.0	-6.00	1.12.2	Curbă periculoasă	CKM1.35	1	A-900	
330	1893+50.0	6.00	1.7.2	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
331	1895+4.0	5.10	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
332	1895+30.0	6.00	6.3.1	Zonă de acțiune	CKM3.45	1	700x350	
333	1895+30.0	6.00	3.23	Depășire interzisă		1	D-700	
334	1895+30.0	6.00	1.14.1	Pantă cu declivitate mare		1	A-900	
335	1896+10.0	-9.50	5.40.1	Sfârșitul benzii	CKM1.35	1	B-700	
336	1896+50.0	-9.50	1.7.3	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
337	1900+70.0	6.00	1.13.2	Curbe periculoase	CKM1.35	1	A-900	
338	1904+75.0	-9.19	2.1	Cedeaza trecerea	CKM1.35	1	A-900	Drum lateral
339	1906+10.0	-6.00	5.39.1	Bandă suplimentară	CKM1.35	1	B-700	
340	1906+30.0	-6.00	1.7.2	Intersecție cu un drum fără prioritate	CKM1.35	1	A-900	
Total:			340			340		

Type of road sign pillar Tipul suportului indic.	Ø, mm	S,mm	L,mm	Weight, Kg Greutatea
1.20	40	3	2,0	5,5
1.25	40	3	2,5	6,9
1.30	40	3	3,0	8,2
1.35	40	3	3,5	9,6
1.40	40	3	4,0	11,0
1.45	40	3	4,5	12,3
2.20	53	3	2,0	7,4
2.30	53	3	3,0	11,1
2.35	53	3	3,5	13,0
2.40	53	3	4,0	14,8
2.45	53	3	4,5	16,7
2.50	53	3	5,0	18,5
3.30	70	3	3,0	14,9
3.35	70	3	3,5	17,4
3.40	70	3	4,0	19,8
3.45	70	3	4,5	22,3
3.50	70	3	5,0	24,8
4.30	102	3	3,0	22,0
4.35	102	3	3,5	25,6
4.40	102	3	4,0	29,3
4.45	102	3	4,5	32,9
4.50	102	3	5,0	36,6
4.55	102	3	5,5	40,3
5.30	102	5	3,0	35,9
5.35	102	5	3,5	41,9
5.40	102	5	4,0	47,8
5.45	102	5	4,5	53,8
5.55	102	5	5,5	65,8
6.40	152	4	4,0	58,4
6.45	152	4	4,5	65,7
6.55	152	4	5,5	80,3
6.65	152	4	6,5	94,9
7.55	178	6	5,5	140,0
7.65	178	6	6,5	165,4



List of marker posts and marking

Lista cu stilpi de dirijare si marcaje

Item № Nr. Artic.	Description Descrierea lucrării	Units U/m	Quantitiy Cantitatea
Ciurmai - Bypass Vulcanesti km 151+200 - km 171+290			
1	Install new signs on new poles Type A 900 Instalarea indicatoarelor rutiere noi pe stilpi noi A 900	Number buc.	142
2	Install new signs on new poles Type B 700 Instalarea indicatoarelor rutiere noi pe stilpi noi B 700	Number buc.	45
3	Install new signs on new poles Type D 700 Instalarea indicatoarelor rutiere noi pe stilpi noi D 700	Number buc.	29
4	Install new signs on new poles Type 700x350 Instalarea indicatoarelor rutiere noi pe stilpi noi 700x350mm	Number buc.	16
5	Install new signs on new poles Type 1050x700 Instalarea indicatoarelor rutiere noi pe stilpi noi 1050x700mm	Number buc.	13
5	Install new signs on new poles Type 1500x510 Instalarea indicatoarelor rutiere noi pe stilpi noi 1500x510mm	Number buc.	0
6	Install new signs on new poles Type 1700x500 Instalarea indicatoarelor rutiere noi pe stilpi noi 1700x500mm	Number buc.	7
7	Install new signs on new poles Type 2000x510 Instalarea indicatoarelor rutiere noi pe stilpi noi 2000x510mm	Number buc.	4
8	Install new signs on new poles Type 2500x510 Instalarea indicatoarelor rutiere noi pe stilpi noi 2500x510mm	Number buc.	8
9	Install new signs on new poles Type 3000x2000 Instalarea indicatoarelor rutiere noi pe stilpi noi 3000x2000mm	Number buc.	2
10	Install new signs on new poles Type 3500x1500 Instalarea indicatoarelor rutiere noi pe stilpi noi 3500x1500mm	Number buc.	4
11	Install new signs on new poles Type 3500x2000 Instalarea indicatoarelor rutiere noi pe stilpi noi 3500x2000mm	Number buc.	1
12	Install new signs on new poles Type 3500x680 Instalarea indicatoarelor rutiere noi pe stilpi noi 3500x680mm	Number buc.	2
13	Install new signs on new poles Type 4000x2000 Instalarea indicatoarelor rutiere noi pe stilpi noi 4000x2000mm	Number buc.	2
14	Install new signs on new poles Type 4500x1500 Instalarea indicatoarelor rutiere noi pe stilpi noi 4500x1500mm	Number buc.	1
15	Install new signs on new poles Type 5000x1500 Instalarea indicatoarelor rutiere noi pe stilpi noi 5000x1500mm	Number buc.	2
16	Install marker posts Instalarea stîlpilor de semnalizare	Number buc.	810

Item No Nr. Artic.	Description Descrierea lucrării	Units U/m	Quantity Cantitatea
17	Install milestones Instalarea bornelor kilometrice	Number buc.	20
18	Road marking Type 1.1; a continuous line of width 0.1 m Marcaj rutier 1.1	Sq.m. m ²	5715
19	Road marking Type 1.5; a discontinuous line with the ratio of segments and intervals 1:3 , width 0.1 m Marcaj rutier 1.5	Sq.m. m ²	238
20	Road marking Type 1.6; a discontinuous line with the ratio of segments and intervals 3:1, width 0.1 m Marcaj rutier 1.6	Sq.m. m ²	123
21	Road marking Type 1.7 a discontinuous line with the ratio of segments and intervals 1:1, width 0.1 m Marcaj rutier 1.7	Sq.m. m ²	72
22	Road marking Type 1.8 a discontinuous line with the ratio of segments and intervals 1:3, width 0.2 m Marcaj rutier 1.8	Sq.m. m ²	51
23	Road marking Type 1.11; a double line, width 0.10m, having a discontinuous line with a ratio of segments and intervals 3:1 and a continuous line	Sq.m. m ²	75
24	1.13 road marking Marcaj rutier 1.13	Sq.m. m ²	21
25	1.14 road marking Marcaj rutier 1.14	Sq.m. m ²	77
26	1.17 road marking Marcaj rutier 1.17	Sq.m. m ²	6
27	1.18 road marking Marcaj rutier 1.18	Sq.m. m ²	44
28	1.19 road marking Marcaj rutier 1.19	Sq.m. m ²	19
29	1.20 road marking Marcaj rutier 1.20	Sq.m. m ²	47
30	1.16.1 road marking Marcaj rutier 1.16.1	Sq.m. m ²	542
31	1.16.2 road marking Marcaj rutier 1.16.2	Sq.m. m ²	26
32	1.16.3 road marking Marcaj rutier 1.16.3	Sq.m. m ²	16

List of marker posts and marking

Lista cu stilpi de dirijare si marcaje

Item No Nr. Artic.	Description Descrierea lucrării	Units U/m	Quantity Cantitatea
Ciurnai - Bypass Vulcanesti km 179+650- km 190+750			
1	Install new signs on new poles Type A 900 Instalarea indicatoarelor rutiere noi pe stilpi noi A 900	Number buc.	30
2	Install new signs on new poles Type B 700 Instalarea indicatoarelor rutiere noi pe stilpi noi B 700	Number buc.	16
3	Install new signs on new poles Type D 700 Instalarea indicatoarelor rutiere noi pe stilpi noi D 700	Number buc.	9
4	Install new signs on new poles Type 700x350 Instalarea indicatoarelor rutiere noi pe stilpi noi 700x350mm	Number buc.	14
5	Install new signs on new poles Type 1050x700 Instalarea indicatoarelor rutiere noi pe stilpi noi 1050x700mm	Number buc.	2
6	Install new signs on new poles Type 1500x510 Instalarea indicatoarelor rutiere noi pe stilpi noi 1500x510mm	Number buc.	2
7	Install new signs on new poles Type 2000x510 Instalarea indicatoarelor rutiere noi pe stilpi noi 2000x510mm	Number buc.	6
8	Install new signs on new poles Type 3500x2000 Instalarea indicatoarelor rutiere noi pe stilpi noi 3500x2000mm	Number buc.	1
9	Install new signs on new poles Type 3500x680 Instalarea indicatoarelor rutiere noi pe stilpi noi 3500x680mm	Number buc.	2
10	Install new signs on new poles Type 4500x1500 Instalarea indicatoarelor rutiere noi pe stilpi noi 4500x1500mm	Number buc.	1
11	Install marker posts Instalarea stîlpilor de semnalizare	Number buc.	207
12	Install milestones Instalarea bornelor kilometrice	Number buc.	6
13	Road marking Type 1.1; a continuous line of width 0.1 m Marcaj rutier 1.1	Sq.m. m²	1904
14	Road marking Type 1.5; a discontinuous line with the ratio of segments and intervals 1:3 , width 0.1 m Marcaj rutier 1.5	Sq.m. m²	142
15	Road marking Type 1.6; a discontinuous line with the ratio of segments and intervals 3:1, width 0.1 m Marcaj rutier 1.6	Sq.m. m²	37
16	Road marking Type 1.7 a discontinuous line with the ratio of segments and intervals 1:1, width 0.1 m Marcaj rutier 1.7	Sq.m. m²	13
17	Road marking Type 1.8 a discontinuous line with the ratio of segments and intervals 1:3, width 0.2 m Marcaj rutier 1.8	Sq.m. m²	2

Item No Nr. Artic.	Description Descrierea lucrării	Units U/m	Quantity Cantitatea
18	Road marking Type 1.11; a double line, width 0.10m, having a discontinuous line with a ratio of segments and intervals 3:1 and a continuous line	Sq.m. m ²	8
19	1.13 road marking Marcaj rutier 1.13	Sq.m. m ²	3
20	1.14 road marking Marcaj rutier 1.14	Sq.m. m ²	8
21	1.17 road marking Marcaj rutier 1.17	Sq.m. m ²	3
22	1.18 road marking Marcaj rutier 1.18	Sq.m. m ²	9
23	1.19 road marking Marcaj rutier 1.19	Sq.m. m ²	16
24	1.20 road marking Marcaj rutier 1.20	Sq.m. m ²	7
25	1.16.1 road marking Marcaj rutier 1.16.1	Sq.m. m ²	143
26	1.16.2 road marking Marcaj rutier 1.16.2	Sq.m. m ²	4
27	1.16.3 road marking Marcaj rutier 1.16.3	Sq.m. m ²	6

RECONSTRUCTION OF COMMUNICATION CABLE LINES
REAMENAJAREA RETELELOR DE COMUNICATII IN CABLU

Item No.	Item Description Descrierea	Measure ment Unit. De masura	Quantity Cantitatea	Notes Note
1	Manual digging and filling of a trench of 1.0m depth and width of 0.5m near existing operational communications Descoperirea si acoperirea transeului manual cu adincimea de 1.0m si latimea de 0.5m in apropierea reteleor in fuctiune	unit	1450+720	
2	Laying of 2 ТЗПАШПБ 7x4x1,2 cables into the trench Montarea cablului 2 ТЗПАШПБ 7x4x1,2 in transeu	m	1600	
3	Laying of F.O. cables into the trench Montarea cablului F.O. in transeu	m	800	
4	Mounting of connecting couplings for the cables Montarea mufelor de conexiune pentru cabluri	unit	14	
5	Complex of control measurements for the cables Complexul de masurari pentru cabluri	set	7	
6	Switching (Reconnection) of existing cables, the connection being not interrupted Interconectarea cablului fara oprirea functionarii acestuia	unit	7	
7	Spare conduits under the road Montarea tevilor de rezerva la intersectia cu drumul auto	m	500	

RECONSTRUCTION OF OVERHEAD LINE OF 10 KV
REAMENAJAREA LEA 10 KV

Item No.	Item Description Descrierea	Measure ment Unit. De masura	Quantity Cantitatea	Notes Note
1	R/C poles with supporting stands CB 105 and CB 164-12 of 10 kV installed near the existing operational HV line Montarea pilonilor din b. a. de tip CB 105 si CB 164-12 in apropierea LEA 10 kV in functiune	unit	20	
2	Hanging up of 3 AC 70 mm² cable on the poles for overhead lines of 10kV Suspendarea conductorului de tip 3AC-70 pe pilonii LEA 10 kV	m	1500	
3	Grounding to R/C poles Montarea prizei de pamint pentru piloni din b.a	unit	20	
4	Construction of crossing line over the road Asigurarea trecerii peste carosabil	unit	8	
5	Removal of R/C poles Demontarea pilonilor din b.a.	unit	20	
6	Removal of cable 3 AC 70 Demontarea conductoarelor 3AC-70	m	1500	

RECONSTRUCTION OF LINE 0,4 KV
REAMENAJAREA LEA 0,4 KV

Ite mN o.	Item Description Descrierea	Measure ment Unit. De masura	Quantity Cantitatea	Notes Note
1	R/C poles for overhead lines of 0.4 kV installed in residential areas close to the operational HV line Montarea pilonilor din b. a. de tip CB 105 in apropierea LEA 0,4 kV in functiune	unit	8	
2	Hanging up of 5 An 35 mm² cable on the design poles for overhead lines of 0.4 kV Suspendarea conductorului de tip 5 An 35 pe pilonii LEA 0.4 kV	m	350	
3	Grounding to R/C poles Montarea prizei de pamint pentru piloni din b.a.	unit	3	
4	Removal of R/C poles Demontarea pilonilor din b.a.	unit	5	
5	Removal of cable 5 An 35 Demontarea conductoarelor 5 An 35	m	350	

INTERCHANGE LIGHTING WORKS, KM 165+860, KM 171+118
ILUMINAREA NODULUI RUTIER, Lot I km 165+860

ItemNo .	Item Description Descrierea	Measure ment Unit. De masura	Quantity Cantitatea	Notes Note
1	Installation of the metallic pole L=15m for interchange lighting Montarea pilonilor metalici L=15m pe Nodul Rutier	unit	2	
2	Installation of SSU 160 illuminators (lights) on the design poles L=15m Montarea corpurilor de iluminat SSU 160 pe piloni metalici L=15m	unit	12	
3	Laying of cable ППГН of 1.5 mm² section (for illuminator charging) Montarea cablului ППГН - 1.5mm ² pentru alimentarea corpului de iluminat	m	650	
4	Grounding to metallic pole Montarea prizei de pamint pentru piloni	unit	2	
5	Installation of Cabinet of «BZUM» Type with counters on the existing TS Montarea «BZUM» pe PT existent	set	2	
6	Installation of Disconnectors of BA 47-29 3P B25 Type inside the existing TS Montarea intrerupatorului tripolar B 25 in PT existent	unit	2	
7	Installation with photoconductive relay of ФР 602 type for the Cabinet of «BZUM» Type Montarea releului foto ФР 602 pe PT existent	unit	2	
8	Manual digging and filling of a trench of 1.0m depth and width of 0.5m near existing operational communications Descoperirea si acoperirea transeului manual cu adincimea de 1.0m si latimea 0.5m in apropierea retelelor ingineresti	m	370	
9	Laying of АПВБ6ШВ-1 5x35 mm² cable into the trench Montarea cablului АПВБ6ШВ-1 5x35 mm ² in transeu	m	410	

RECONSTRUCTION OF OVERHEAD LINE OF 110 KV, KM 160+225, KM 160+560
REAMENAJAREA LEA 110 KV, KM 160+225 , KM 160+560

Item No.	Item Description Descrierea	Measure ment Unit. De masura	Quantity Cantitatea	Notes Note
1	Metallic pole of II110-5+4 Type of 110 kV installed near the existing operational HV line Montarea pilonilor II110-5+4 in apropierea LEA 110 kV in functiune	unit	2	
2	Hanging up of 3 AC 120/19 and TK-9,1 cables on the poles for overhead lines of 110kV Suspendarea conductorului de tip 3 AC 120/19 si TK-9,1 pe pilonii LEA 110kV	m	550	
3	Grounding to R/C poles Montarea prizei de pamint pentru piloni	unit	2	
4	Construction of crossing line over the road Asigurarea trecerii peste carosabil	unit	2	
5	Removal of R/C poles Demontarea pilonilor	unit	2	
6	Removal of cables 3 AC 120/19 and TK-9,1 Demontarea conductoarelor 3 AC 120/19 si TK-9,1	m	550	

RECONSTRUCTION OF COMMUNICATION CABLE LINES
REAMENAJAREA RETELELOR DE COMUNICATII IN CABLU
M3 EXISITING SECTION KM 179+650 – KM 192+430

Item No	Item Description	Measure ment	Quantity	Notes
1	Manual digging and filling of a trench of 1.0m depth and width of 0.5m near existing operational communications Descoperirea si acoperirea transeului manual cu adincimea de 1.0m si latimea de 0.5m in apropierea reteleor ingineresti	unit	1250+800	
2	Laying of 2 ТЗПАШПБ 7x4x1,2 cables into the trench Montarea cablului 2 ТЗПАШПБ 7x4x1,2 in transeu	m	1370	
3	Laying of F.O. cables into the trench Montarea cablului F.O. in transeu	m	870	
4	Mounting of connecting couplings for the cables Montarea mufelor de conexiune pentru cabluri	unit	14	
5	Complex of control measurements for the cables Complexul de masurari pentru cablu	set	7	
6	Switching (Reconnection) of existing cables, the connection being not interrupted Interconectarea cablului fara oprirea functionarii acestuia	unit	7	
7	Spare conduits under the road Montarea tevilor de rezerva la intersectia cu drumul auto	m	150	

List of relocated electrical communications
Lista retelelor electrice reamplasate
Lot I Ciurnai -Bypass Vulcanesti
km 151+200 -171+290

Name of communication lines	Owner	Crossing location or close vicinity		Crossing skew	Length of relocated sectoion, m	Number of overhead wires, each	Tension for power line (kV); operational pressure in conduits (atm)	Material, cable saw cut, type of cable, ø of conduit	Material, type and profile of poles	Designed measures	Documents to be agreed
		km	PC +								
1	2	3	4	5	6	7	8	9	10	11	12
HVT Line 10 kV		151	151+752			3	10 kV		R/C	relocation	
HVT Line 0,4 kV		152	152+335			5	0,4 kV		R/C	relocation	
HVT Line 10 kV		153	153+796			3	10 kV		R/C	relocation	
HVT Line 10 kV		155	155+846			3	10 kV		R/C	relocation	
HVT Line 10 kV		156	156+204			3	10 kV		R/C	relocation	
HVT Line 10 kV		156	156+980			3	10 kV		R/C	relocation	
HVT Line 10 kV		158	158+012-158+185			3	10 kV		R/C	relocation	
HVT Line 110 kV		160	160+227			3	110 kV		R/C	relocation	
HVT Line 110 kV		160	160+555			3	110 kV		R/C	relocation	
HVT Line 10 kV		163	163+080			3	10 kV		R/C	relocation	
HVT Line 10 kV		163	163+280			3	10 kV		R/C	relocation	
HVT Line 0,4 kV + Interchange Lighting		165	165+860			5	0,4 kV		R/C	relocation, new lighting	
Interchange Lighting		171	171+118							new lighting	

Schimb Inv. Nr.

Semnatura si data

Inv. Nr.

List of relocated electrical communications
Lista retelelor electrice reamplasate
Lot I Ciurnai -Bypass Vulcanesti
km 151+200 -171+290

Name of communication lines	Owner	Crossing location or close vicinity		Crossing skew	Length of relocated sectoion, m	Number of overhead wires, each	Tension for power line (kV); operational pressure in conduits (atm)	Material, cable saw cut, type of cable, ø of conduit	Material, type and profile of poles	Designed measures	Documents to be agreed
		km	PC +								
1	2	3	4	5	6	7	8	9	10	11	12
Communication Line		151	151+400 - 151+545							relocation	
Communication Line		153	153+845 - 154+085							relocation	
Communication Line		156	156+890 - 157+025							relocation	
Communication Line		158	158+030 - 158+170							relocation	
Communication Line		165	165+860							relocation	

Schimb Inv. Nr.

Semnatura si data

Inv. Nr.

List of relocated electrical communications
Lista retelelor electrice reamplasate
Lot II M3 existing section km 179+650 - 190+750

<div>List of relocated electrical communications Lista retelelor electrice reamplasate Lot II M3 existing section km 179+650 - 190+750</div>											
Name of communication lines	Owner	Crossing location or close vicinity		Crossing skew	Length of relocated section, m	Number of overhead wires, each	Tension for power line (kV); operational pressure in conduits (atm)	Material, cable saw cut, type of cable, ø of conduit	Material, type and profile of poles	Designed measures	Documents to be agreed
		km	PC +								
1	2	3	4	5	6	7	8	9	10	11	12
Communication Line		188	188+120 - 188+770							relocation	
Communication Line		190	190+025 - 190+170							relocation	
Communication Line		190	190+445 - 190+545							relocation	

Schimb Inv. Nr.	
Semnatura si data	
Inv. Nr.	

List of relocated communications
Lista comunicatiilor reamplasate
lot I km 151+200 - 171+290

Name of communication lines	Owner	Crossing location or close vicinity		Crossing skew	Length of relocated sectoion, m	Number of overhead wires, each	Tension for power line (kV); operational pressure in conduits (atm)	Material, cable saw cut, type of cable, ø of conduit	Material, type and profile of poles	Designed measures	Documents to be agreed
		km	PC +								
1	2	3	4	5	6	7	8	9	10	11	12
LOTI Section 1 Ciumai - Burlaceni											
High pressure gas pipeline(steel)			PC1633		29	1	0.6MPa	Ø 273mm	1 casing Ø426, L=24m	relocation	
Medium pressure gas pipeline(steel)			PC1628		30	1	0.3MPa	Ø 159mm	1casing Ø325, L=24m	relocation	
High pressure gas pipeline(steel)			PC1569		32	1	0.6 MPa	Ø 219mm	1casing Ø377, L=24m	relocation	
High pressure gas pipeline(steel)			PC1547+62		28	1	0.6 MPa	Ø 219mm	1casing Ø377, L=24m	relocation	
High pressure gas pipeline(steel)			PC1541 - -PC1548		408	1	0.6 MPa	Ø 219mm	1casing Ø377, L=22m	relocation	

Schimb Inv. Nr.

Semnatura si data

Inv. Nr.

LIST OF VOLUME
UNDERGROUND HIGH PRESSURE GAS PIPELINE:

	Section 1 (Ciurnai - Burlaceni) Sectorul 1 (Ciurnai - Burlaceni)				
	Pipelines and Steel Reinforcement Conducte si Armaturi				
	Underground high pressure gas pipeline:				
1)	Ø 273mm (PC1633)				
1	<u>Pipe 273 GOST 10704-91</u> <u>Killed B Steel, GOST 10705-80*</u>		l.m.	29	39.5
2	<i>Installation of gas pipeline in a steel casing (by open method) Ø426x5 L=24m</i> <i>Instalarea conductei de gaz in tuburi de otel (prin metoda deschisa) Ø426x5 L=24m</i>	5.905-15 V.1, Part 2, YГ17.07	each/buc	1	1328
3	End-to-end connection (jointing) of the pipelines Дy 250mm <i>Bransament prin conexiunea capetelor conductei de gaz Дy 250mm</i>	5.905-15 V.1, Part 2, YГ27.07	each/buc	2	
4	Installation of control pipe Instalarea tubului de control	5.905-15 V.1, Part 2, YГ28.07	each/buc	3	51.9
5	Faily strong waterproof: bitumen-atactic (or bitumen resin) mastic wrapped in glass fiber Izolare cu un grad destul de sporit: mastic bituminos atactic (de cauciuc) impaturit in pinza din fibre de sticala	ГОСТ 9.602-2005	m ²	10	
6	Sand Nisip		m ³	10	
	Underground gas pipeline of medium pressure Conducta de gaz subterana de presiune medie				
2).	Ø 159mm (PC1628)				
1	<u>159x4.5 Pipe 273 GOST 10704-91</u> <u>Killed B Steel, GOST 10705-80*</u> <u>159x4.5 Pipe 273 GOST 10704-91</u> <u>Otel B deacidificat, GOST 10705-80*</u>		l.m.	30	
2	<i>Installation of gas pipeline in a steel casing (by open method) Ø325x5mm L=24m</i> <i>Instalarea conductei de gaz in tuburi de otel (prin metoda deschisa) Ø325x5mm L=24m</i>	5.905-15 V.1, Part 2, YГ17.05	each/buc	1	1026
3	End-to-end connection (jointing) of the pipelines Дy 250mm	5.905-15 V.1, Part 2	each/buc	2	

	Bransament prin conexiunea capetelor conductei de gaz \varnothing 250mm	УГ27.07			
4	Installation of control pipe Instalarea tubului de control	5.905-15 V.1, Part 2, УГ28.05	each/buc	3	50.5
5	Faily strong waterproof: bitumen-atactic (or bitumen resin) mastic wrapped in glass fiber Izolare cu un grad destul de sporit: mastic bituminos atactic (de cauciuc) impaturit in pinza din fibre de sticala	ГОСТ 9.602-2005	m ²	15	
6	Sand Nisip		m ³	8.64	
	Underground high pressure gas pipeline Conducta de gaz subterana de presiune inalta				
3)	\varnothing 219mm (PC1569)				

1	<u>219x5 Pipe GOST 10704-91</u> <u>Killed B Steel, GOST 10705-80*</u> <u>Tub 219x5 GOST 10704-91</u> <u>Otel B deacidificat, GOST 10705-80*</u>		l.m.	32	26.39
2	Installation of gas pipeline in a steel casing (by open method) \varnothing 377x5mm L=24m Instalarea conductei de gaz in tuburi de otel (prin metoda deschisa) \varnothing 377x5mm L=24m	5.905-15 V.1, Part 2, УГ17.06	each/buc	1	1396
3	End-to-end connection (jointing) of the pipelines \varnothing 200mm Bransament prin conexiunea capetelor conductei de gaz \varnothing 200mm	5.905-15 V.1, Part 2, УГ27.06	each/buc	2	
4	Installation of control pipe Instalarea tubului de control	5.905-15 V.1, Part 2, УГ28.06	each/buc	3	51.2
5	Faily strong waterproof: bitumen-atactic (or bitumen resin) mastic wrapped in glass fiber Izolare cu un grad destul de sporit: mastic bituminos atactic (de cauciuc) impaturit in pinza din fibre de sticala	ГОСТ 9.602-2005	m ² m ³	22 10.2	
6	Sand Nisip				
	Underground high pressure gas pipeline Conducta de gaz subterana de presiune inalta				
4).	\varnothing 219mm (PC1547+62)				
1	<u>219x5 Pipe GOST 10704-91</u> <u>Killed B Steel, GOST 10705-80*</u> <u>Tub 219x5 GOST 10704-91</u> <u>Otel B deacidificat, GOST 10705-80*</u>		l.m.	28	26.39

2	<i>Installation of gas pipeline in a steel casing (by open method) Ø377x5mm L=24m</i> <i>Instalarea conductei de gaz in tuburi de otel (prin metoda deschisa) Ø325x5mm L=24m</i>	5.905-15 V.1, Part 2, YГ17.06	each/buc	1	1396
3	End-to-end connection (jointing) of the pipelines <i>Дy 200mm</i> <i>Bransament prin conexiunea capetelor conductei de gaz Дy 200mm</i>	5.905-15 V.1, Part 2 YГ27.06	each/buc	2	
4	Installation of control pipe Instalarea tubului de control	5.905-15 V.1, Part 2, YГ28.06	each/buc	3	51.2
5	Faily strong waterproof: bitumen-atactic (or bitumen resin) mastic wrapped in glass fiber Izolare cu un grad destul de sporit: mastic bituminos atactic (de cauciuc) impaturit in pinza din fibre de sticala	GOST 9.602-2005	m ² m ³	10 9.9	
6	Sand Nisip				
	Underground high pressure gas pipeline Conducta de gaz subterana de presiune inalta				
5)	Ø 219mm (PC 1541 ...PC1538)				
1	<u>219x5 Pipe GOST 10704-91</u> <u>Killed B Steel, GOST 10705-80*</u> <u>Tub 219x5 GOST 10704-91</u> <u>Otel B deacidificat, GOST 10705-80*</u>		l.m.	4.08	26.39
2	<i>Installation of gas pipeline in a steel casing (by open method) Ø377x5mm L=22m</i> <i>Instalarea conductei de gaz in tuburi de otel (prin metoda deschisa) Ø325x5mm L=22m</i>	5.905-15 V.1, Part 2, YГ17.06	each/buc	1	1386
3	End-to-end connection (jointing) of the pipelines <i>Дy 200mm</i> <i>Bransament prin conexiunea capetelor conductei de gaz Дy 200mm</i>	5.905-15 V.1, Part 2 YГ25.06	each/buc	2	
4	Installation of control pipe Instalarea tubului de control	5.905-15 V.1, Part 2, YГ28.06	each/buc	3	51.2
5	Faily strong waterproof: bitumen-atactic (or bitumen resin) mastic wrapped in glass fiber Izolare cu un grad destul de sporit: mastic bituminos atactic (de cauciuc) impaturit in pinza din fibre de sticala	GOST 9.602-2005	m ²	281	
6	Sand Nisip		m ³	9.9	
8	Sand or soft soil with no debris inclusions 0.31m Nisip sau sol moale fara incluziuni de moloz 0.31m		m ³	22	
9	Removal of gas pipeline Ø 110mm Demontarea gazoductului Ø 110mm		m	85	