

Station	Distance (m)	Profile Elevation (m)	Ground Elevation (m)	Subgrade Elevation (m)	Structure Elevation (m)	Structure Type
1+00	0.00	239.46	239.46	239.46	239.46	Subgrade
1+05	5.00	239.35	239.35	239.35	239.35	Subgrade
1+10	10.00	239.25	239.25	239.25	239.25	Subgrade
1+15	15.00	239.15	239.15	239.15	239.15	Subgrade
1+20	20.00	239.05	239.05	239.05	239.05	Subgrade
1+25	25.00	238.95	238.95	238.95	238.95	Subgrade
1+30	30.00	238.85	238.85	238.85	238.85	Subgrade
1+35	35.00	238.75	238.75	238.75	238.75	Subgrade
1+40	40.00	238.65	238.65	238.65	238.65	Subgrade
1+45	45.00	238.55	238.55	238.55	238.55	Subgrade
1+50	50.00	238.45	238.45	238.45	238.45	Subgrade
1+55	55.00	238.35	238.35	238.35	238.35	Subgrade
1+60	60.00	238.25	238.25	238.25	238.25	Subgrade
1+65	65.00	238.15	238.15	238.15	238.15	Subgrade
1+70	70.00	238.05	238.05	238.05	238.05	Subgrade
1+75	75.00	237.95	237.95	237.95	237.95	Subgrade
1+80	80.00	237.85	237.85	237.85	237.85	Subgrade
1+85	85.00	237.75	237.75	237.75	237.75	Subgrade
1+90	90.00	237.65	237.65	237.65	237.65	Subgrade
1+95	95.00	237.55	237.55	237.55	237.55	Subgrade
2+00	100.00	237.45	237.45	237.45	237.45	Subgrade
2+05	105.00	237.35	237.35	237.35	237.35	Subgrade
2+10	110.00	237.25	237.25	237.25	237.25	Subgrade
2+15	115.00	237.15	237.15	237.15	237.15	Subgrade
2+20	120.00	237.05	237.05	237.05	237.05	Subgrade
2+25	125.00	236.95	236.95	236.95	236.95	Subgrade
2+30	130.00	236.85	236.85	236.85	236.85	Subgrade
2+35	135.00	236.75	236.75	236.75	236.75	Subgrade
2+40	140.00	236.65	236.65	236.65	236.65	Subgrade
2+45	145.00	236.55	236.55	236.55	236.55	Subgrade
2+50	150.00	236.45	236.45	236.45	236.45	Subgrade
2+55	155.00	236.35	236.35	236.35	236.35	Subgrade
2+60	160.00	236.25	236.25	236.25	236.25	Subgrade
2+65	165.00	236.15	236.15	236.15	236.15	Subgrade
2+70	170.00	236.05	236.05	236.05	236.05	Subgrade
2+75	175.00	235.95	235.95	235.95	235.95	Subgrade
2+80	180.00	235.85	235.85	235.85	235.85	Subgrade
2+85	185.00	235.75	235.75	235.75	235.75	Subgrade
2+90	190.00	235.65	235.65	235.65	235.65	Subgrade
2+95	195.00	235.55	235.55	235.55	235.55	Subgrade
3+00	200.00	235.45	235.45	235.45	235.45	Subgrade
3+05	205.00	235.35	235.35	235.35	235.35	Subgrade
3+10	210.00	235.25	235.25	235.25	235.25	Subgrade
3+15	215.00	235.15	235.15	235.15	235.15	Subgrade
3+20	220.00	235.05	235.05	235.05	235.05	Subgrade
3+25	225.00	234.95	234.95	234.95	234.95	Subgrade
3+30	230.00	234.85	234.85	234.85	234.85	Subgrade
3+35	235.00	234.				

[illegible]

Year	Age	Rate
2014	0-4	5.02
2015	0-4	5.01
2016	0-4	5.00
2017	0-4	5.00
2018	0-4	5.00
2019	0-4	5.00
2020	0-4	5.00
2021	0-4	5.00
2022	0-4	5.00
2023	0-4	5.00
2024	0-4	5.00
2025	0-4	5.00
2026	0-4	5.00
2027	0-4	5.00
2028	0-4	5.00
2029	0-4	5.00
2030	0-4	5.00
2031	0-4	5.00
2032	0-4	5.00
2033	0-4	5.00
2034	0-4	5.00
2035	0-4	5.00
2036	0-4	5.00
2037	0-4	5.00
2038	0-4	5.00
2039	0-4	5.00
2040	0-4	5.00
2041	0-4	5.00
2042	0-4	5.00
2043	0-4	5.00
2044	0-4	5.00
2045	0-4	5.00
2046	0-4	5.00
2047	0-4	5.00
2048	0-4	5.00
2049	0-4	5.00
2050	0-4	5.00
2051	0-4	5.00
2052	0-4	5.00
2053	0-4	5.00
2054	0-4	5.00
2055	0-4	5.00
2056	0-4	5.00
2057	0-4	5.00
2058	0-4	5.00
2059	0-4	5.00
2060	0-4	5.00
2061	0-4	5.00
2062	0-4	5.00
2063	0-4	5.00
2064	0-4	5.00
2065	0-4	5.00
2066	0-4	5.00
2067	0-4	5.00
2068	0-4	5.00
2069	0-4	5.00
2070	0-4	5.00
2071	0-4	5.00
2072	0-4	5.00
2073	0-4	5.00
2074	0-4	5.00
2075	0-4	5.00
2076	0-4	5.00
2077	0-4	5.00
2078	0-4	5.00
2079	0-4	5.00
2080	0-4	5.00
2081	0-4	5.00
2082	0-4	5.00
2083	0-4	5.00
2084	0-4	5.00
2085	0-4	5.00
2086	0-4	5.00
2087	0-4	5.00
2088	0-4	5.00
2089	0-4	5.00
2090	0-4	5.00
2091	0-4	5.00
2092	0-4	5.00
2093	0-4	5.00
2094	0-4	5.00
2095	0-4	5.00
2096	0-4	5.00
2097	0-4	5.00
2098	0-4	5.00
2099	0-4	5.00
2100	0-4	5.00

[illegible]

Figure 10 is a 3D surface plot showing the variation of the maximum value of the normalized stress intensity factor, K_{max} , as a function of the normalized crack length, a/W , and the normalized thickness, t/W . The plot shows a peak in K_{max} at $a/W = 0.5$ and $t/W = 0.5$, with a color scale ranging from 1.00 to 1.05. The x-axis (a/W) ranges from 0.0 to 1.0, and the y-axis (t/W) ranges from 0.0 to 1.0. The z-axis (K_{max}) ranges from 1.00 to 1.05.

4470 - W7023

7

sovr. 0+136.48

1:200

di Riferimento: 220.00

Stazione	Quota (m)
0+00	220.00
0+10	220.00
0+20	220.00
0+30	220.00
0+40	220.00
0+50	220.00
0+60	220.00
0+70	220.00
0+80	220.00
0+90	220.00
0+100	220.00
0+110	220.00
0+120	220.00
0+130	220.00
0+140	220.00
0+150	220.00
0+160	220.00
0+170	220.00
0+180	220.00
0+190	220.00
0+200	220.00
0+210	220.00
0+220	220.00
0+230	220.00
0+240	220.00
0+250	220.00
0+260	220.00
0+270	220.00
0+280	220.00
0+290	220.00
0+300	220.00
0+310	220.00
0+320	220.00
0+330	220.00
0+340	220.00
0+350	220.00
0+360	220.00
0+370	220.00
0+380	220.00
0+390	220.00
0+400	220.00
0+410	220.00
0+420	220.00
0+430	220.00
0+440	220.00
0+450	220.00
0+460	220.00
0+470	220.00
0+480	220.00
0+490	220.00
0+500	220.00
0+510	220.00
0+520	220.00
0+530	220.00
0+540	220.00
0+550	220.00
0+560	220.00
0+570	220.00
0+580	220.00
0+590	220.00
0+600	220.00
0+610	220.00
0+620	220.00
0+630	220.00
0+640	220.00
0+650	220.00
0+660	220.00
0+670	220.00
0+680	220.00
0+690	220.00
0+700	220.00
0+710	220.00
0+720	220.00
0+730	220.00
0+740	220.00
0+750	220.00
0+760	220.00
0+770	220.00
0+780	220.00
0+790	220.00
0+800	220.00
0+810	220.00
0+820	220.00
0+830	220.00
0+840	220.00
0+850	220.00
0+860	220.00
0+870	220.00
0+880	220.00
0+890	220.00
0+900	220.00
0+910	220.00
0+920	220.00
0+930	220.00
0+940	220.00
0+950	220.00
0+960	220.00
0+970	220.00
0+980	220.00
0+990	220.00
1+000	220.00

Labels materials		
Area (m ²)	Volume (m ³)	1st. Cost. (m ³)
28.90	545.68	1017.89
52.89	411.61	454.72
22.25	681.12	1350.49
26.79	382.87	1044.61
5.25	85.67	207.37

TRACCIA TO - INT.03

Sezione 10

Progressiva: 0+200.00

Scala: 1:200

Quota di Riferimento: 220.00

PROGRESSIVE TERRENO	-58.69	-55.60
QUOTE TERRENO	25.88	22.87
DISTANZE PARZIALI TERRENO	146	178
PROGRESSIVE PROGETTO		
QUOTE PROGETTO		
DISTANZE PARZIALI PROGETTO		

[illegible][illegible]

Station	Left	Right	Width	Height	Area	Volume
1+00	25.00	25.00	1.00	1.00	1.00	1.00
1+10	25.00	25.00	1.00	1.00	1.00	1.00
1+20	25.00	25.00	1.00	1.00	1.00	1.00
1+30	25.00	25.00	1.00	1.00	1.00	1.00
1+40	25.00	25.00	1.00	1.00	1.00	1.00
1+50	25.00	25.00	1.00	1.00	1.00	1.00
1+60	25.00	25.00	1.00	1.00	1.00	1.00
1+70	25.00	25.00	1.00	1.00	1.00	1.00
1+80	25.00	25.00	1.00	1.00	1.00	1.00
1+90	25.00	25.00	1.00	1.00	1.00	1.00
2+00	25.00	25.00	1.00	1.00	1.00	1.00
2+10	25.00	25.00	1.00	1.00	1.00	1.00
2+20	25.00	25.00	1.00	1.00	1.00	1.00
2+30	25.00	25.00	1.00	1.00	1.00	1.00
2+40	25.00	25.00	1.00	1.00	1.00	1.00
2+50	25.00	25.00	1.00	1.00	1.00	1.00
2+60	25.00	25.00	1.00	1.00	1.00	1.00
2+70	25.00	25.00	1.00	1.00	1.00	1.00
2+80	25.00	25.00	1.00	1.00	1.00	1.00
2+90	25.00	25.00	1.00	1.00	1.00	1.00
3+00	25.00	25.00	1.00	1.00	1.00	1.00
3+10	25.00	25.00	1.00	1.00	1.00	1.00
3+20	25.00	25.00	1.00	1.00	1.00	1.00
3+30	25.00	25.00	1.00	1.00	1.00	1.00
3+40	25.00	25.00	1.00	1.00	1.00	1.00
3+50	25.00	25.00	1.00	1.00	1.00	1.00
3+60	25.00	25.00	1.00	1.00	1.00	1.00
3+70	25.00	25.00	1.00	1.00	1.00	1.00
3+80	25.00	25.00	1.00	1.00	1.00	1.00
3+90	25.00	25.00	1.00	1.00	1.00	1.00
4+00	25.00	25.00	1.00	1.00	1.00	1.00
4+10	25.00	25.00	1.00	1.00	1.00	1.00
4+20	25.00	25.00	1.00	1.00	1.00	1.00
4+30	25.00	25.00	1.00	1.00	1.00	1.00
4+40	25.00	25.00	1.00	1.00	1.00	1.00
4+50	25.00	25.00	1.00	1.00	1.00	1.00
4+60	25.00	25.00	1.00	1.00	1.00	1.00
4+70	25.00	25.00	1.00	1.00	1.00	1.00
4+80	25.00	25.00	1.00	1.00	1.00	1.00
4+90	25.00	25.00	1.00	1.00	1.00	1.00
5+00	25.00	25.00	1.00	1.00	1.00	1.00
5+10	25.00	25.00	1.00	1.00	1.00	1.00
5+20	25.00	25.00	1.00	1.00	1.00	1.00
5+30	25.00	25.00	1.00	1.00	1.00	1.00
5+40	25.00	25.00	1.00	1.00	1.00	1.00
5+50	25.00	25.00	1.00	1.00	1.00	1.00
5+60	25.00	25.00	1.00	1.00	1.00	1.00
5+70	25.00	25.00	1.00	1.00	1.00	1.00
5+80	25.00	25.00	1.00	1.00	1.00	1.00
5+90	25.00	25.00	1.00	1.00	1.00	1.00
6+00	25.00	25.00	1.00	1.00	1.00	1.00

TRACCIATO - INT03		1.00% 1.00%	
Sezione 4			
Progressiva: 0+075.00			
Scala: 1:200			
Quota di Rilevamento: 220.00			
PROGRESSIVE TERRENO	0.00	0.01	0.01
QUOTE TERRENO	239.27	239.28	239.25
DISTANZE PARZIALI TERRENO	0.50	1.00	1.00
PROGRESSIVE PROGETTO	0.00	0.01	0.01
QUOTE PROGETTO	239.27	239.28	239.25
DISTANZE PARZIALI PROGETTO	0.50	1.00	1.00

Tabela materijala			
Materialo	Area (m ²)	Volum (m ³)	Vol. Cem (m ³)
Stavila	13.43	13.519	1116.81
Stos	0.05	0.01	1.11
Plitke	44.74	1.040	202.45
Čelikovni štapići	51.25	42.39	666.11
Mreža stabilizacija	2.54	2.04	98.61

	<i>Labels omitted</i>		
<i>Measure</i>	<i>Age (in')</i>	<i>Home (in')</i>	<i>Wt. Gen. (in')</i>
<i>Seville</i>	27.61	29.19	277.19
<i>Siena</i>	16.68	207.20	262.87
<i>Albano</i>	5.54	27.67	292.16
<i>European mean</i>	30.73	54.77	194.23
<i>Wt. collapse</i>	5.57	129.94	291.61

Progressivo	Area (m ²)	Volumi (m ³)	VSC (m ³)
0+00,27	0,07	0,00	0,00
0+025,00	0,00	0,57	0,57
0+050,00	0,00	0,00	0,57
0+075,00	0,75	6,27	6,84
0+100,00	0,00	6,27	12,11
0+125,00	0,00	0,00	12,11
0+150,48	0,00	0,00	12,11
0+100,00	0,00	0,00	12,11
0+125,00	0,25	441,61	446,72
0+200,00	1,16	567,20	20,58
0+214,65	11,16	16,24	4708,32
0+215,00	40,58	125,00	5415,56

Progressivo	Area (m ²)	Volumi (m ³)	Vol. cur. (m ³)
da 00/01/27	59,68	0,00	0,00
da 00/25/01	7,30	296,50	296,50
da 00/20/01	2,55	117,00	412,50
da 00/15/01	1,80	54,14	467,64
da 00/10/01	1,80	45,00	512,64
da 00/05/01	1,80	45,00	557,64
da 00/00/01	2,78	25,52	583,16
da 00/00/01	10,25	62,78	645,93
da 00/00/01	20,79	300,28	946,61
da 00/00/01	20,79	519,77	1466,59
da 00/00/01	15,30	227,15	1693,73
da 00/00/01	8,89	200,50	1894,23

IA SRL 68 ano 20126	STUDIO DI PROGETTAZIONE SCM Ingegneria Via C. del Crocifisso 10 37069 San Giovanni Lupatoto (VR) Tel. 0444/931111 Fax 0444/931112 E-mail: scm@scm.it www.scm.it
------------------------------------	--